

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076807.D
 Acq On : 24 Feb 2023 14:14
 Operator : JC\MD
 Sample : VN0224MBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224MBS01

Quant Time: Feb 25 01:45:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2023
 Supervised By : Mahesh Dadoda 02/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	272309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	502161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	454180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	219615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	216987	57.706	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.420%			
35) Dibromofluoromethane	8.178	113	159878	48.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.240%			
50) Toluene-d8	10.572	98	651589	53.055	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.848	95	210907	51.850	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	54432	18.825	ug/l	92
3) Chloromethane	2.378	50	67921	18.005	ug/l	95
4) Vinyl Chloride	2.531	62	71556	19.273	ug/l	100
5) Bromomethane	2.966	94	48983	21.774	ug/l	96
6) Chloroethane	3.131	64	51970	22.149	ug/l	97
7) Trichlorofluoromethane	3.513	101	92941	18.398	ug/l	97
8) Diethyl Ether	3.972	74	38085	19.565	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.390	101	56049	18.883	ug/l	97
10) Methyl Iodide	4.601	142	68672	18.734	ug/l	95
11) Tert butyl alcohol	5.537	59	55657	112.137	ug/l	99
12) 1,1-Dichloroethene	4.360	96	49674	17.673	ug/l	94
13) Acrolein	4.196	56	72710	97.578	ug/l	100
14) Allyl chloride	5.043	41	87240	17.913	ug/l	95
15) Acrylonitrile	5.737	53	186628	105.951	ug/l	98
16) Acetone	4.437	43	165104	98.298	ug/l	93
17) Carbon Disulfide	4.725	76	118077	15.911	ug/l	99
18) Methyl Acetate	5.037	43	121062	22.081	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	198253	20.921	ug/l	97
20) Methylene Chloride	5.290	84	66117	18.782	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	56892	17.981	ug/l #	87
22) Diisopropyl ether	6.684	45	239724	20.986	ug/l #	95
23) Vinyl Acetate	6.619	43	784921	116.139	ug/l	97
24) 1,1-Dichloroethane	6.578	63	123111	19.665	ug/l	96
25) 2-Butanone	7.489	43	262147	105.808	ug/l	97
26) 2,2-Dichloropropane	7.495	77	89970	19.925	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	67314	17.937	ug/l	90
28) Bromochloromethane	7.825	49	69706	23.395	ug/l	91
29) Tetrahydrofuran	7.842	42	176223	108.865	ug/l	96
30) Chloroform	7.972	83	119958	19.178	ug/l	94
31) Cyclohexane	8.260	56	111960	18.981	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	100249	19.062	ug/l	96
36) 1,1-Dichloropropene	8.372	75	86562	18.218	ug/l	99
37) Ethyl Acetate	7.572	43	105578	21.119	ug/l	97
38) Carbon Tetrachloride	8.372	117	84401	17.609	ug/l	96
39) Methylcyclohexane	9.601	83	97892	18.125	ug/l	92
40) Benzene	8.613	78	281116	19.266	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	58879	20.331	ug/l	97
42) 1,2-Dichloroethane	8.672	62	98639	19.383	ug/l	99
43) Isopropyl Acetate	8.695	43	212933	26.176	ug/l #	92
44) Trichloroethene	9.354	130	61356	17.794	ug/l	84
45) 1,2-Dichloropropane	9.625	63	76687	19.854	ug/l	91
46) Dibromomethane	9.713	93	49351	19.985	ug/l	95
47) Bromodichloromethane	9.895	83	97238	19.641	ug/l #	95
48) Methyl methacrylate	9.683	41	78426	20.317	ug/l	95
49) 1,4-Dioxane	9.695	88	28668	429.334	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	569897	110.110	ug/l	98
52) Toluene	10.630	92	176333	20.016	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	99001	20.718	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	104798	19.013	ug/l	92
55) 1,1,2-Trichloroethane	11.019	97	70796	19.763	ug/l	95
56) Ethyl methacrylate	10.877	69	104986	20.821	ug/l	93
57) 1,3-Dichloropropane	11.166	76	123753	20.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	236585	102.453	ug/l	97
59) 2-Hexanone	11.201	43	405826	108.746	ug/l	99
60) Dibromochloromethane	11.360	129	70636	18.710	ug/l	98
61) 1,2-Dibromoethane	11.472	107	67086	18.710	ug/l	96
64) Tetrachloroethene	11.107	164	49321	17.232	ug/l	95
65) Chlorobenzene	11.889	112	180444	18.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	68245	19.520	ug/l	99
67) Ethyl Benzene	11.966	91	325033	19.821	ug/l	96
68) m/p-Xylenes	12.071	106	257149	40.683	ug/l	97
69) o-Xylene	12.401	106	124055	20.124	ug/l	96
70) Styrene	12.413	104	204969	20.561	ug/l	99
71) Bromoform	12.583	173	48114	18.762	ug/l #	96
73) Isopropylbenzene	12.695	105	324503	20.159	ug/l	99
74) N-amyl acetate	12.495	43	150194	20.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	113063	19.404	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	97441m	21.946	ug/l	
77) Bromobenzene	12.977	156	72109	17.955	ug/l	90
78) n-propylbenzene	13.042	91	379883	20.097	ug/l	98
79) 2-Chlorotoluene	13.124	91	226957	19.610	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	270320	20.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	29169	19.134	ug/l	97
82) 4-Chlorotoluene	13.124	91	226957	19.610	ug/l	97
83) tert-Butylbenzene	13.442	119	240847	20.013	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	273981	20.665	ug/l	98
85) sec-Butylbenzene	13.618	105	345127	20.541	ug/l	97
86) p-Isopropyltoluene	13.730	119	271254	20.217	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	140783	18.544	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	140094	18.531	ug/l	98
89) n-Butylbenzene	14.060	91	228716	19.600	ug/l	98
90) Hexachloroethane	14.336	117	51730	18.414	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	144316	18.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	19540	17.309	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	63187	16.276	ug/l	99
94) Hexachlorobutadiene	15.501	225	31484	16.546	ug/l	97
95) Naphthalene	15.642	128	205774	17.466	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	62698	16.669	ug/l	97

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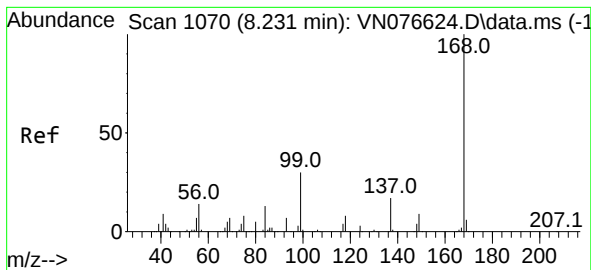
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/27/2023

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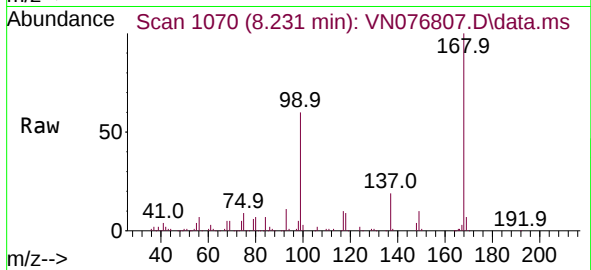
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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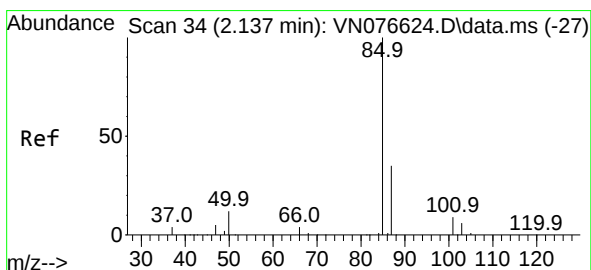
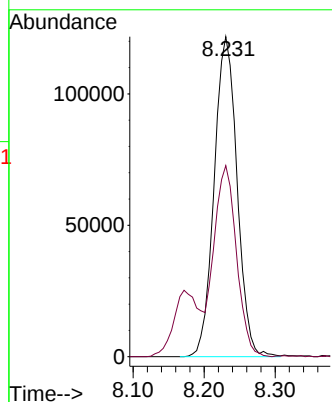
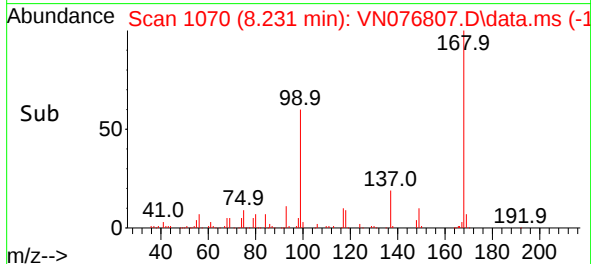
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion:168 Resp: 272309
Ion Ratio Lower Upper
168 100
99 59.5 44.8 67.2

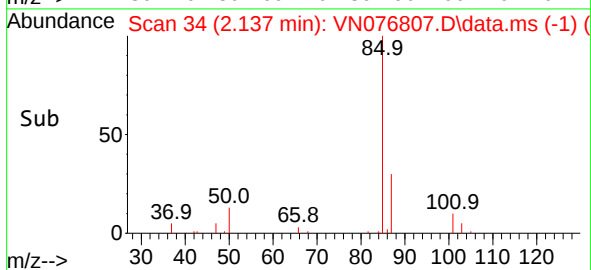
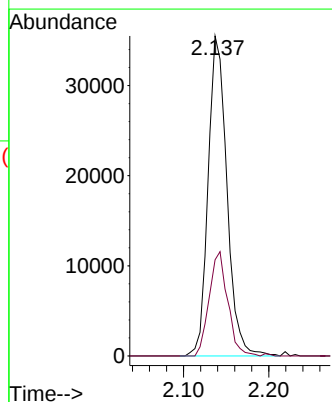
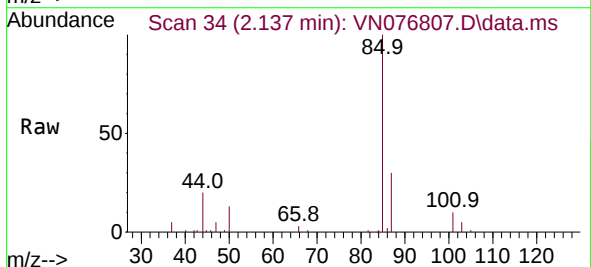
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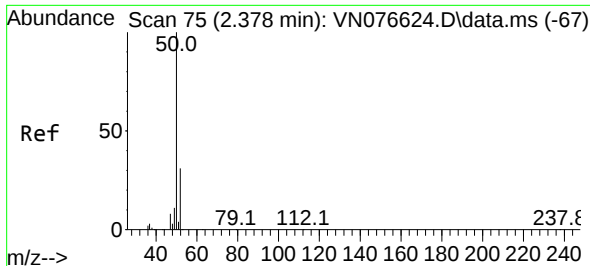
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#2
Dichlorodifluoromethane
Concen: 18.825 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

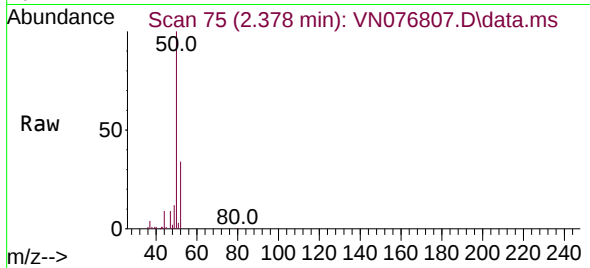
Tgt Ion: 85 Resp: 54432
Ion Ratio Lower Upper
85 100
87 30.1 17.4 52.2





#3
Chloromethane
Concen: 18.005 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

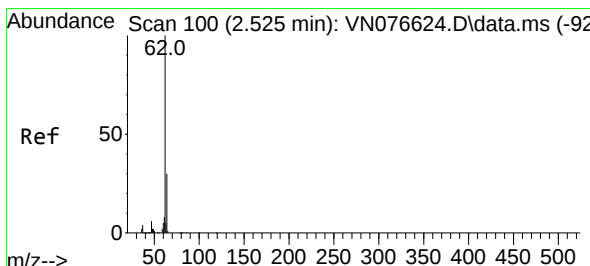
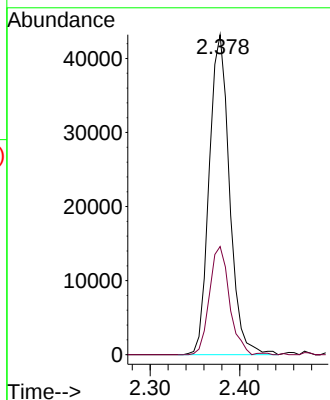
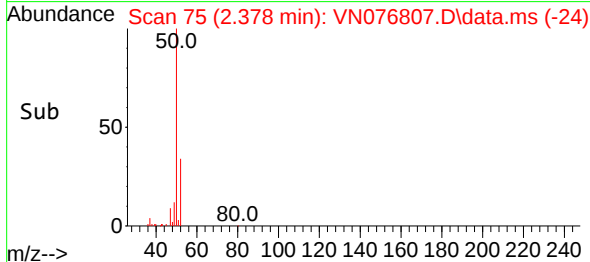
Instrument :
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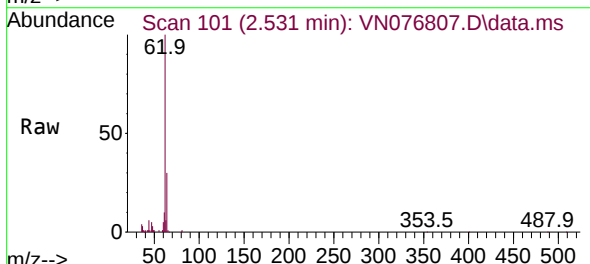
Tgt Ion: 50 Resp: 6792
Ion Ratio Lower Upper
50 100
52 33.8 24.7 37.1

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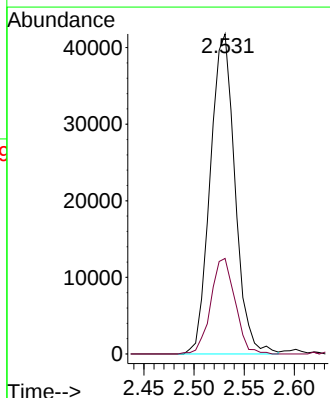
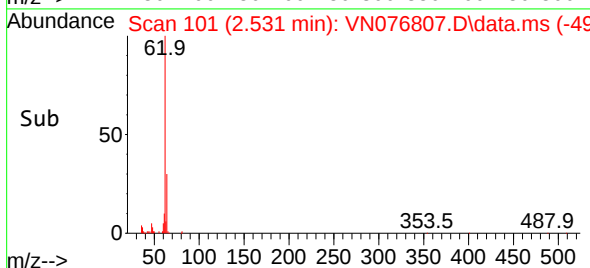
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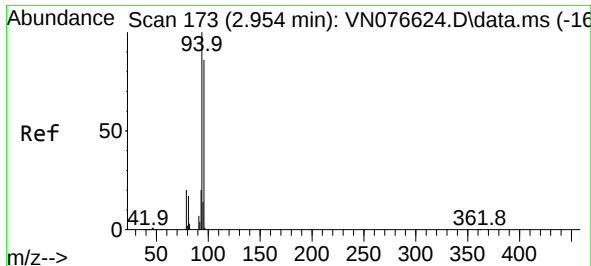


#4
Vinyl Chloride
Concen: 19.273 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



Tgt Ion: 62 Resp: 71556
Ion Ratio Lower Upper
62 100
64 29.9 23.9 35.9





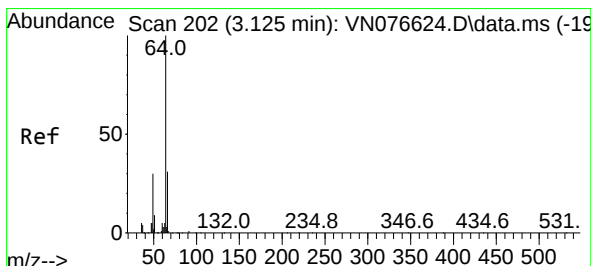
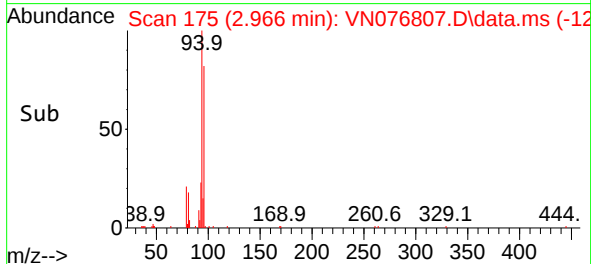
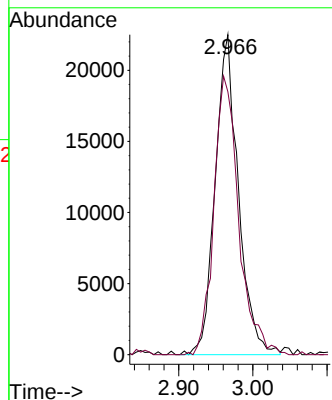
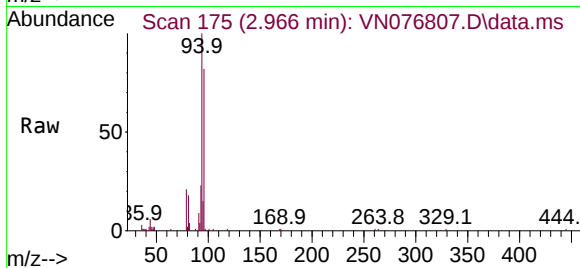
#5
Bromomethane
Concen: 21.774 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076807.D
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Tgt Ion: 94 Resp: 4898
Ion Ratio Lower Upper
94 100
96 82.2 69.0 103.4

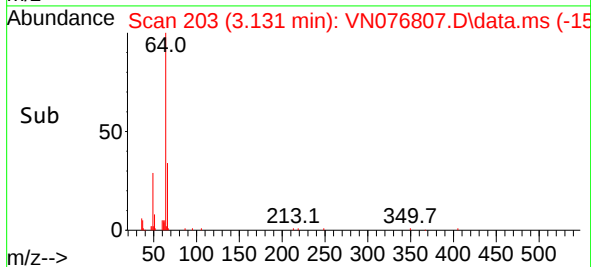
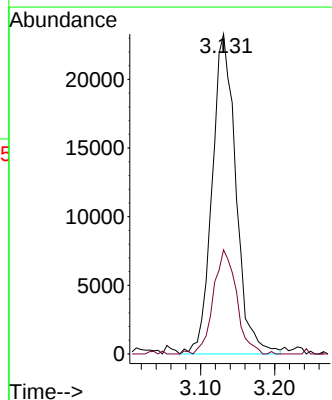
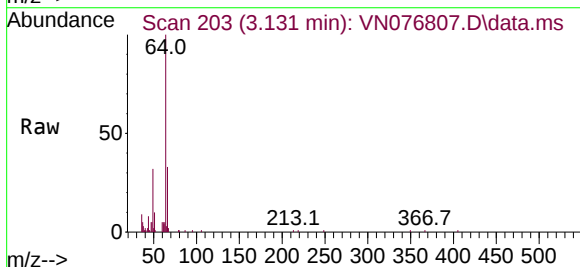
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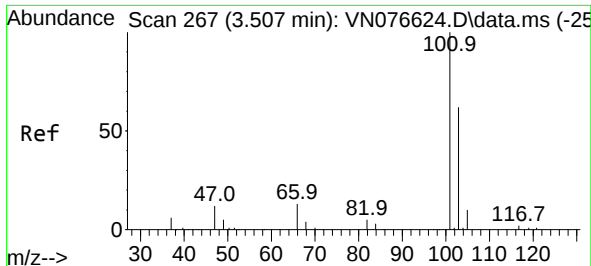
Reviewed By :John Carlone 02/27/2023
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#6
Chloroethane
Concen: 22.149 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
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Acq: 24 Feb 2023 14:14

Tgt Ion: 64 Resp: 51970
Ion Ratio Lower Upper
64 100
66 32.5 24.6 37.0





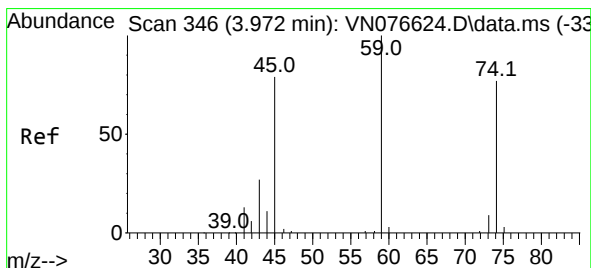
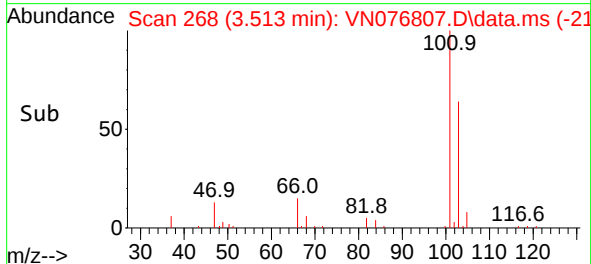
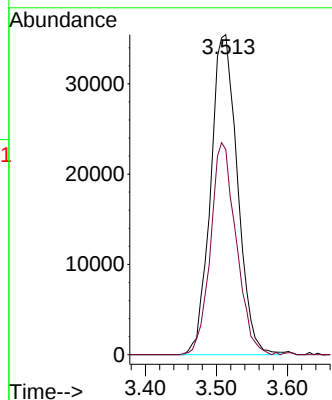
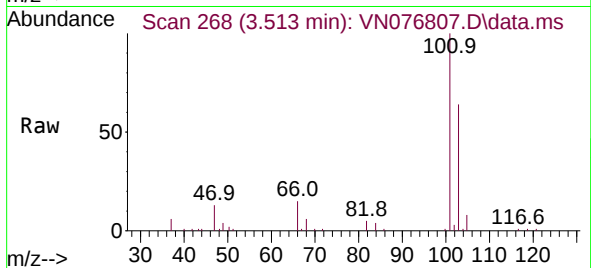
#7
Trichlorofluoromethane
Concen: 18.398 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
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ClientSampleId :
VN0224MBS01

Tgt Ion:101 Resp: 9294
Ion Ratio Lower Upper
101 100
103 64.1 49.4 74.2

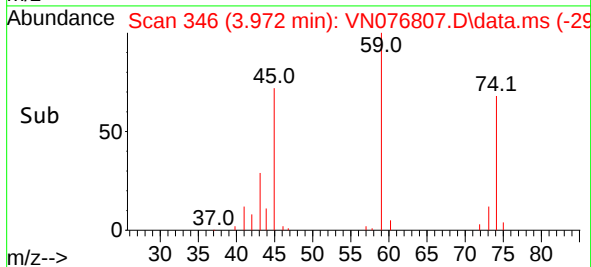
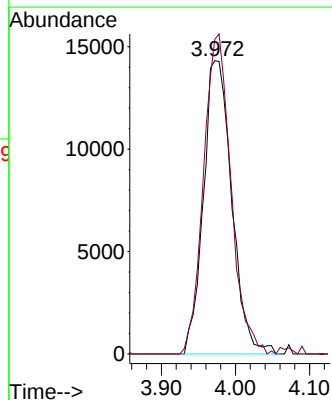
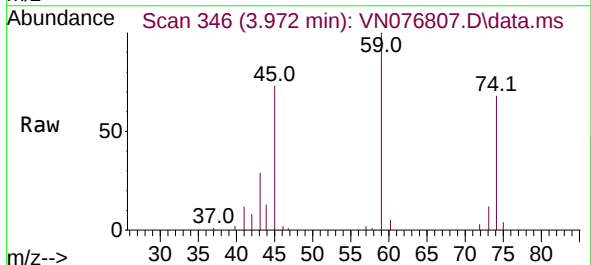
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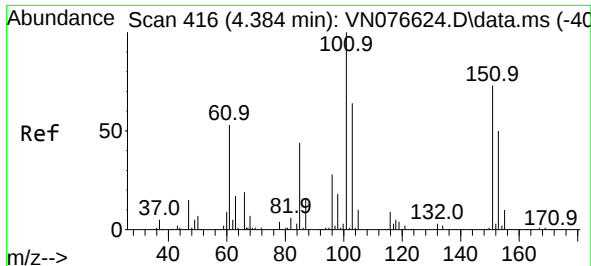
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#8
Diethyl Ether
Concen: 19.565 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 74 Resp: 38085
Ion Ratio Lower Upper
74 100
45 105.5 51.3 153.9





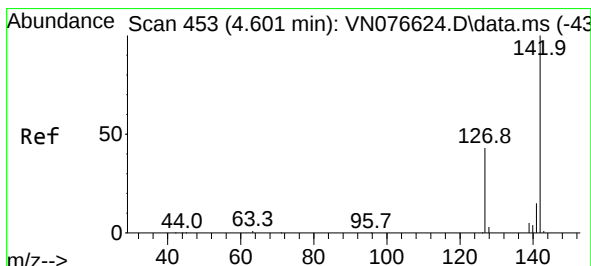
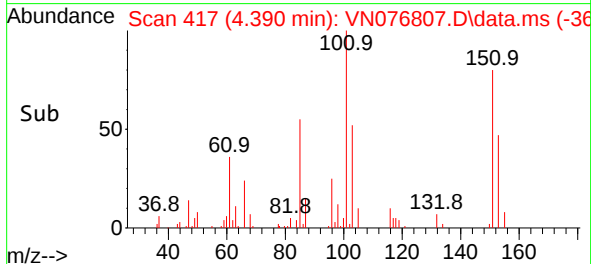
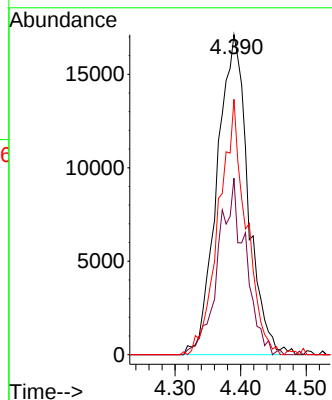
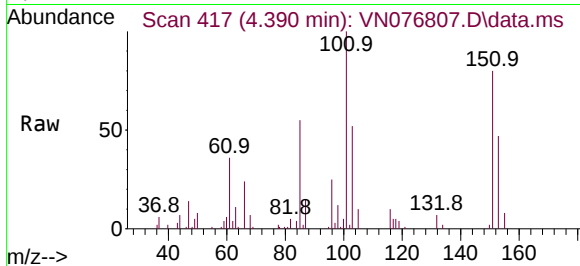
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.883 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion:101 Resp: 56049
Ion Ratio Lower Upper
101 100
85 48.7 37.4 56.0
151 70.4 58.7 88.1

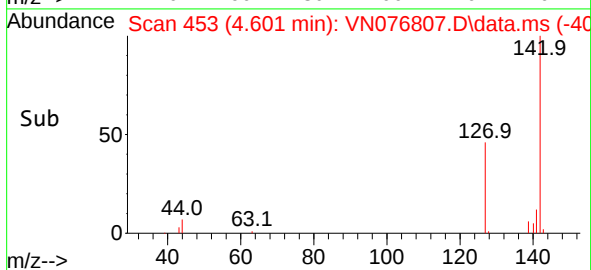
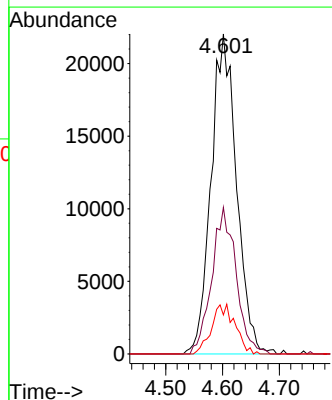
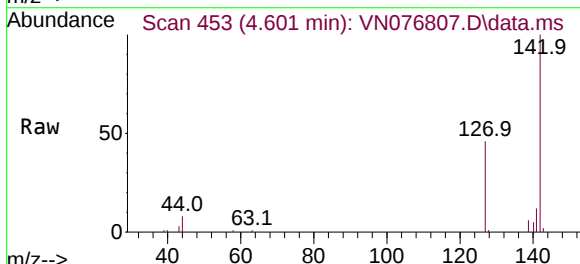
Manual Integrations
APPROVED

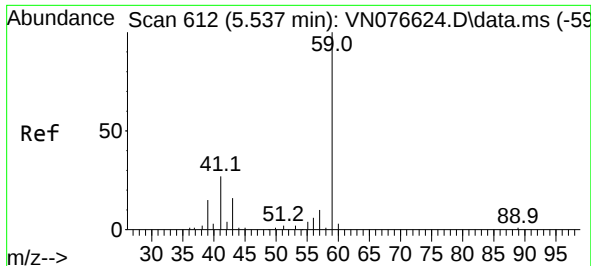
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#10
Methyl Iodide
Concen: 18.734 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

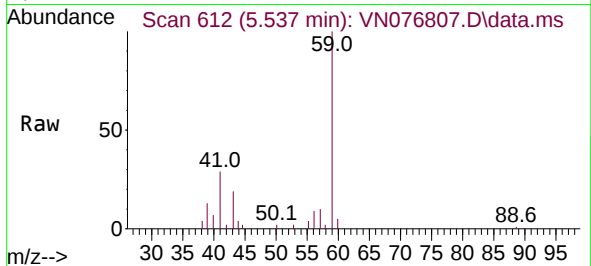
Tgt Ion:142 Resp: 68672
Ion Ratio Lower Upper
142 100
127 45.8 34.6 51.8
141 12.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 112.137 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

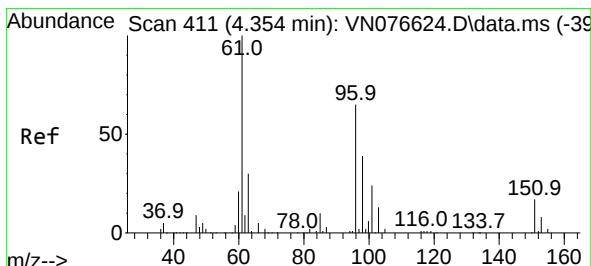
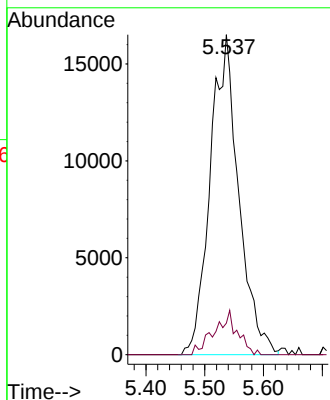
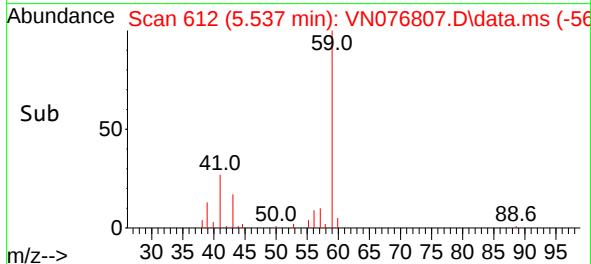
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



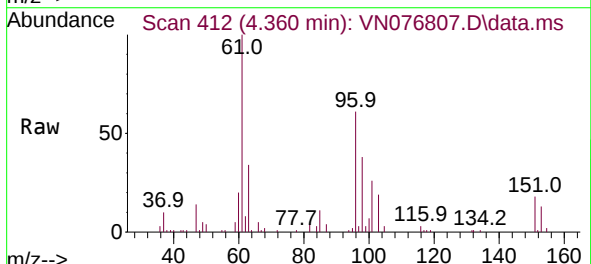
Tgt Ion: 59 Resp: 5565
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1

Manual Integrations
APPROVED

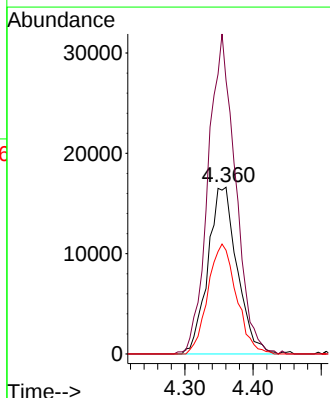
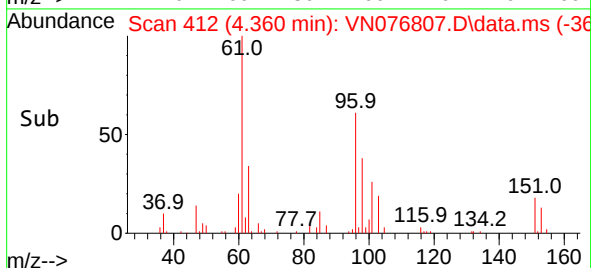
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

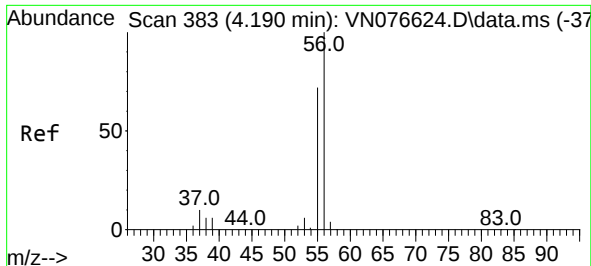


#12
1,1-Dichloroethene
Concen: 17.673 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



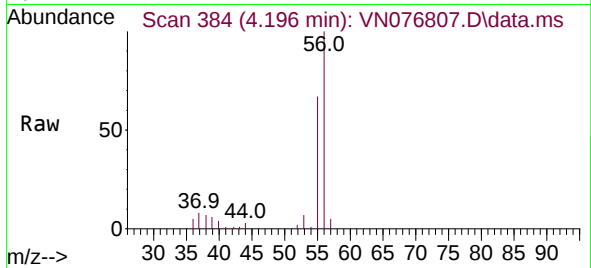
Tgt Ion: 96 Resp: 49674
Ion Ratio Lower Upper
96 100
61 164.1 123.8 185.6
98 62.2 48.4 72.6





#13
Acrolein
Concen: 97.578 ug/l
RT: 4.196 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

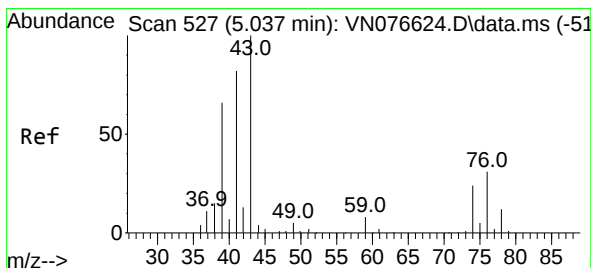
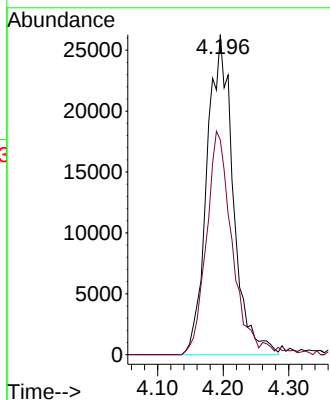
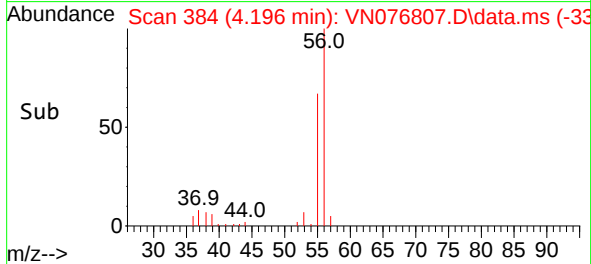
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion: 56 Resp: 72710
Ion Ratio Lower Upper
56 100
55 70.0 56.3 84.5

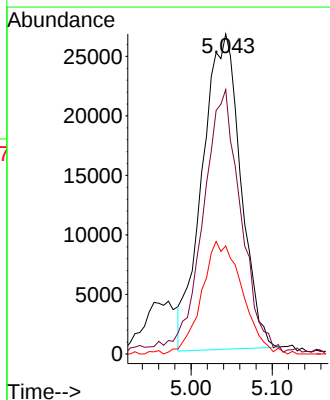
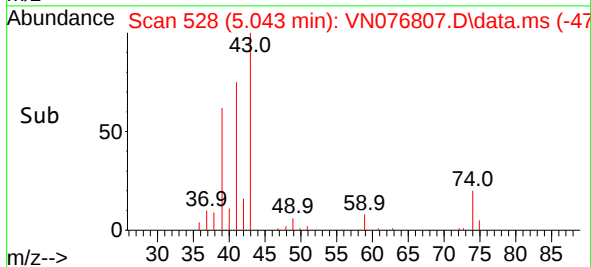
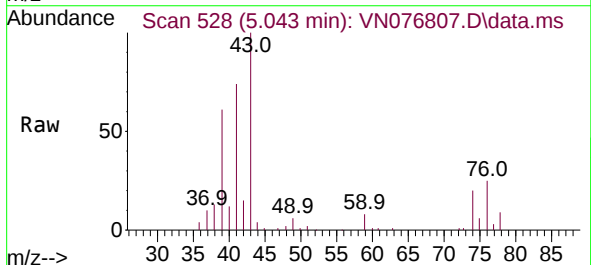
Manual Integrations
APPROVED

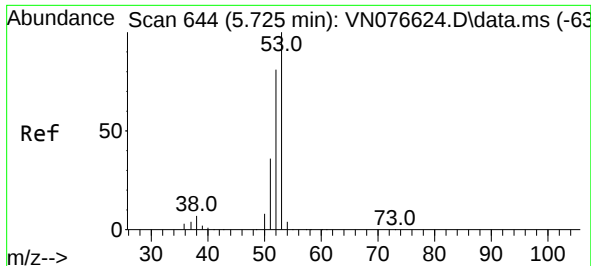
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#14
Allyl chloride
Concen: 17.913 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

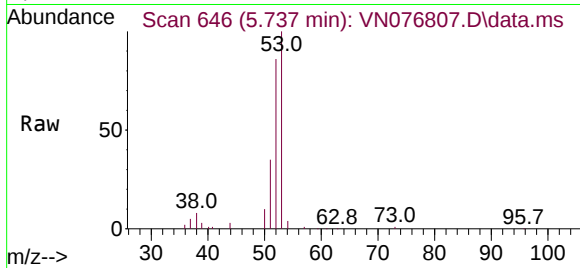
Tgt Ion: 41 Resp: 87240
Ion Ratio Lower Upper
41 100
39 81.3 62.3 93.5
76 37.6 27.0 40.6





#15
Acrylonitrile
Concen: 105.951 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

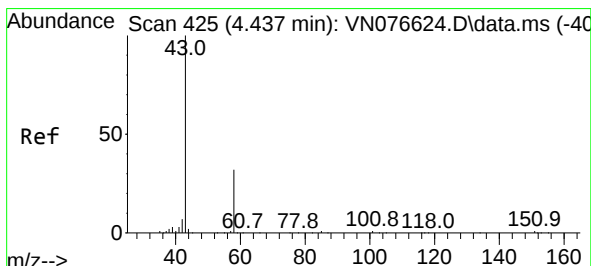
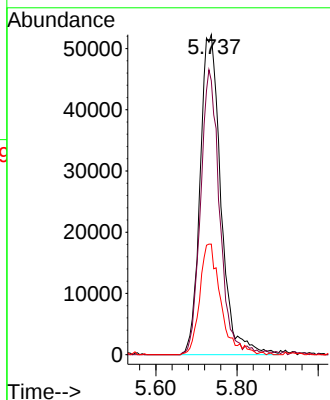
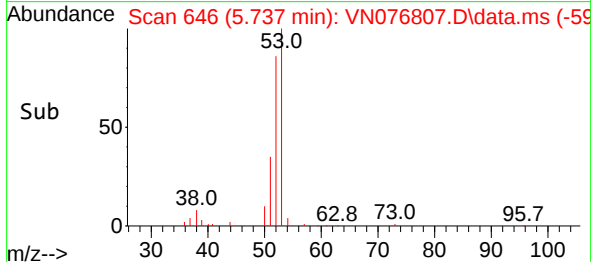
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion: 53 Resp: 186628
Ion Ratio Lower Upper
53 100
52 79.9 65.3 97.9
51 34.8 29.2 43.8

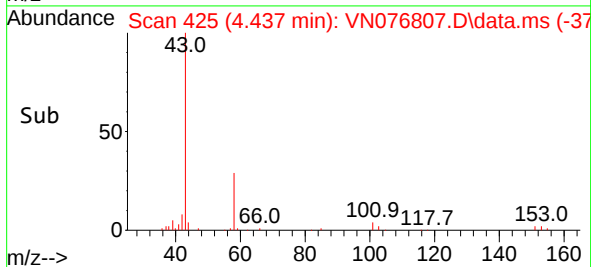
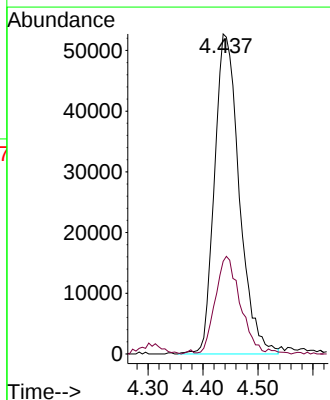
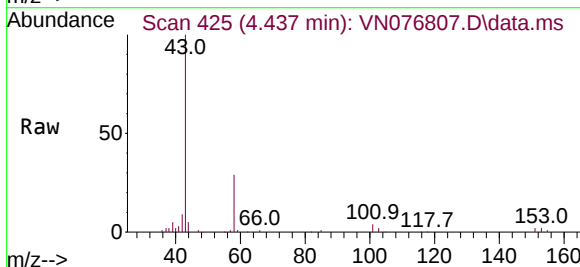
Manual Integrations
APPROVED

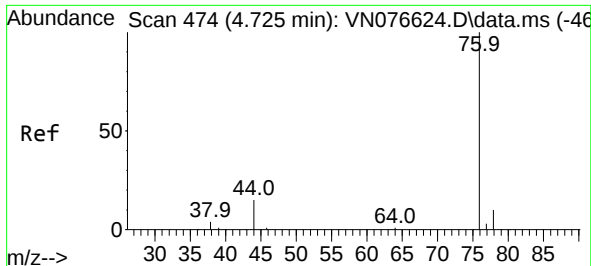
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#16
Acetone
Concen: 98.298 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

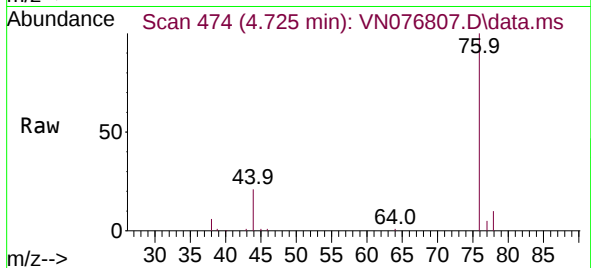
Tgt Ion: 43 Resp: 165104
Ion Ratio Lower Upper
43 100
58 28.6 25.9 38.9





#17
Carbon Disulfide
Concen: 15.911 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

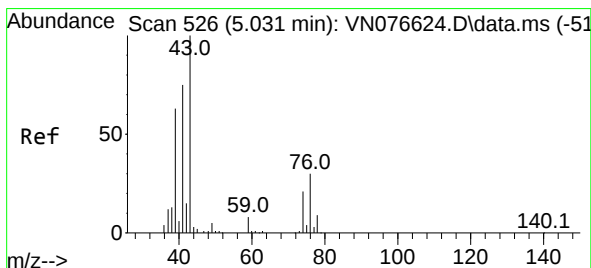
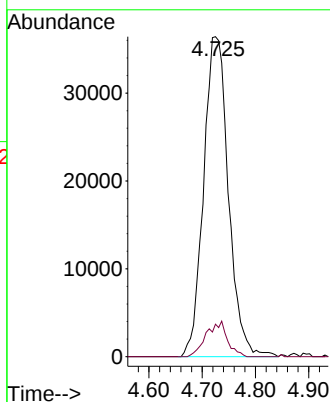
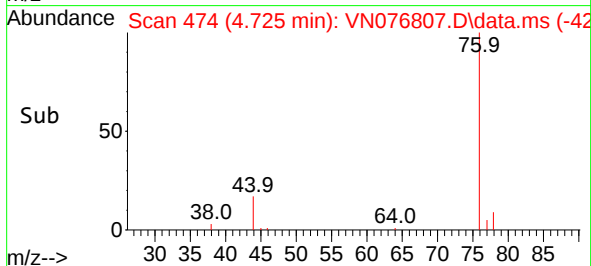
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion: 76 Resp: 11807
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.8

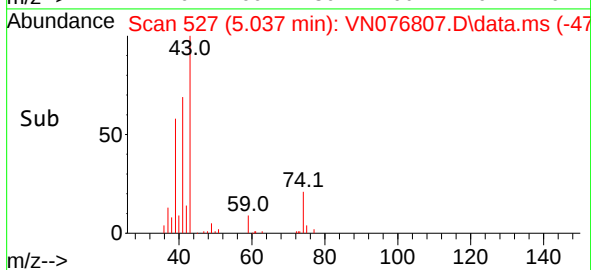
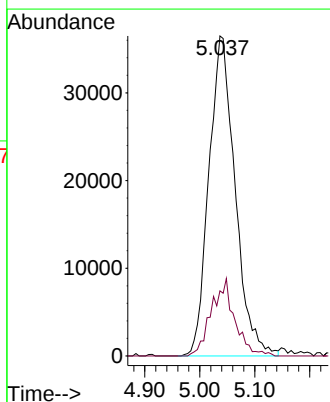
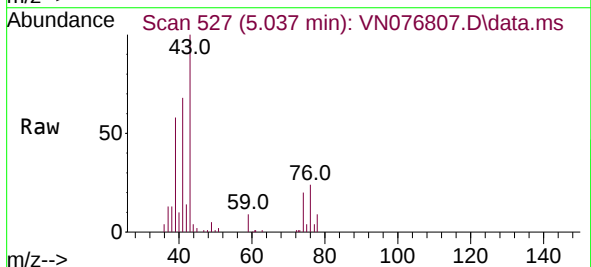
Manual Integrations
APPROVED

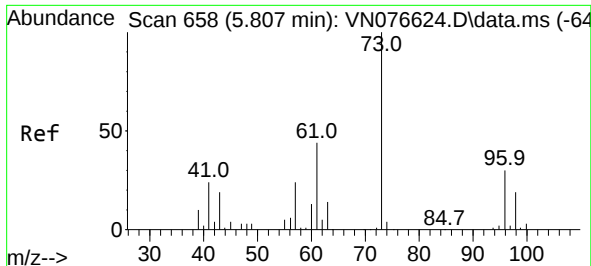
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#18
Methyl Acetate
Concen: 22.081 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 43 Resp: 121062
Ion Ratio Lower Upper
43 100
74 21.5 17.7 26.5





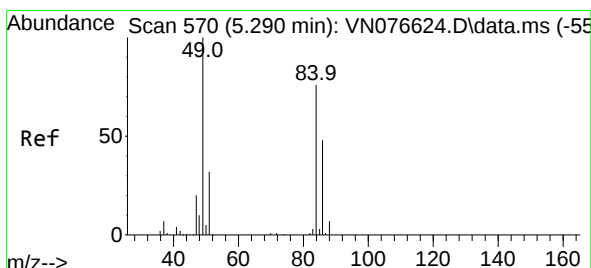
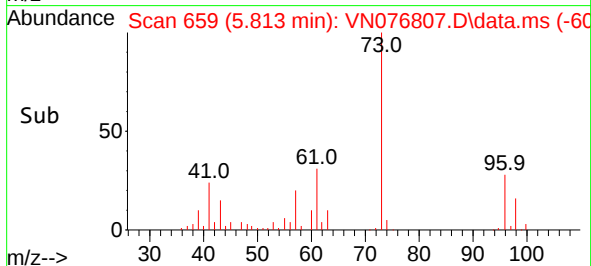
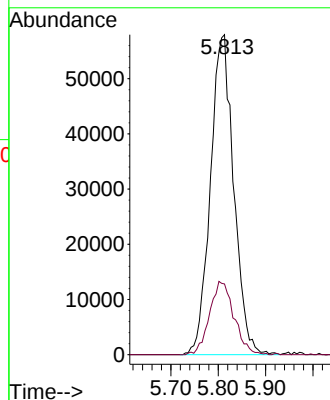
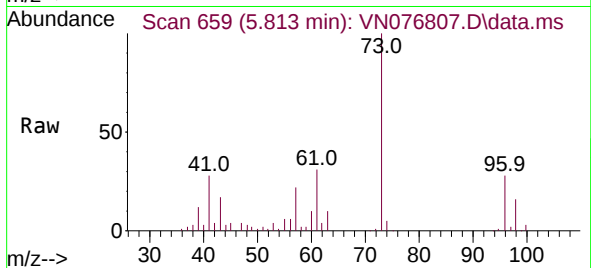
#19
Methyl tert-butyl Ether
Concen: 20.921 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion: 73 Resp: 19825
Ion Ratio Lower Upper
73 100
57 22.1 19.0 28.4

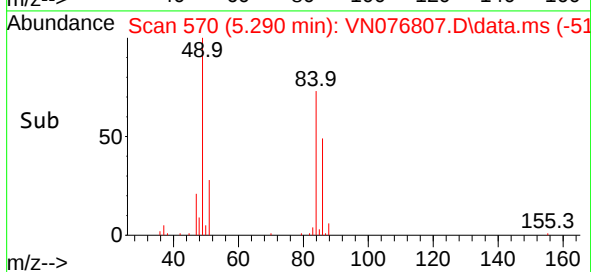
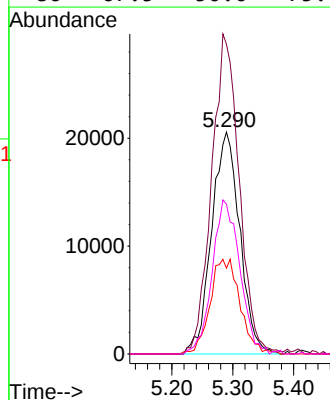
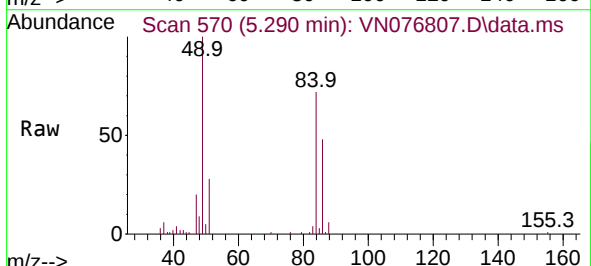
Manual Integrations
APPROVED

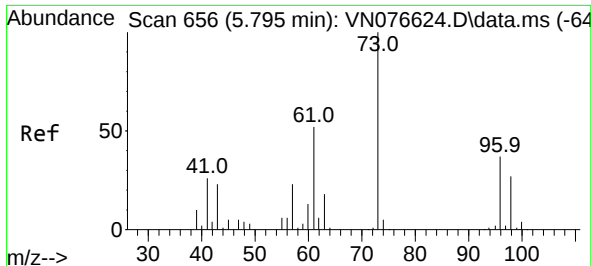
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#20
Methylene Chloride
Concen: 18.782 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 84 Resp: 66117
Ion Ratio Lower Upper
84 100
49 139.6 104.9 157.3
51 38.6 33.8 50.8
86 67.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 17.981 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076807.D

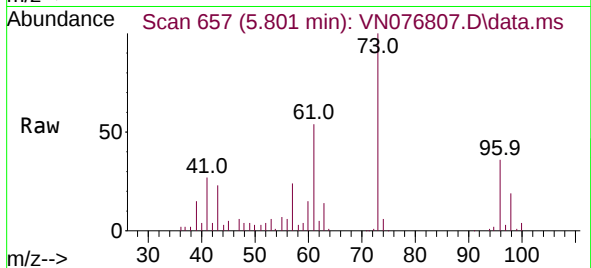
Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01



Tgt Ion: 96 Resp: 56892

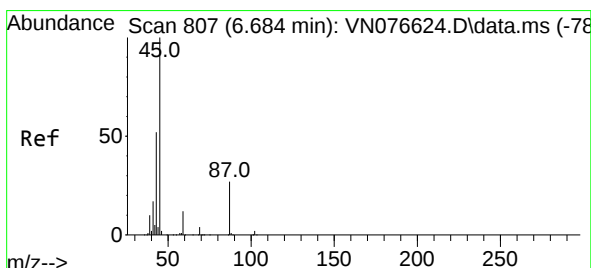
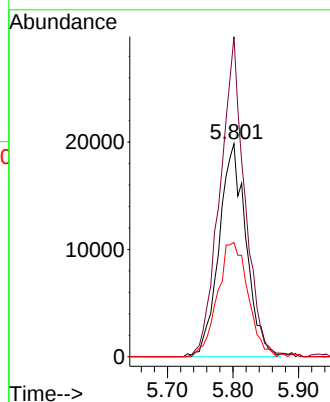
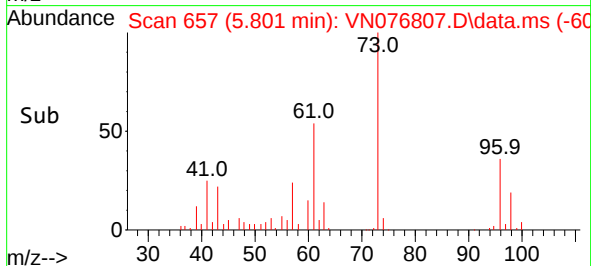
Ion	Ratio	Lower	Upper
96	100		
61	150.3	113.9	170.9
98	53.7	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#22

Diisopropyl ether

Concen: 20.986 ug/l

RT: 6.684 min Scan# 807

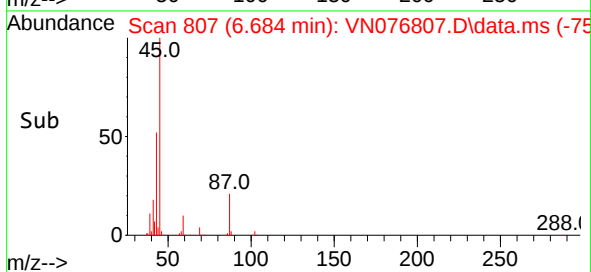
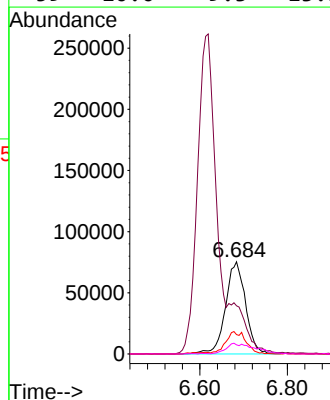
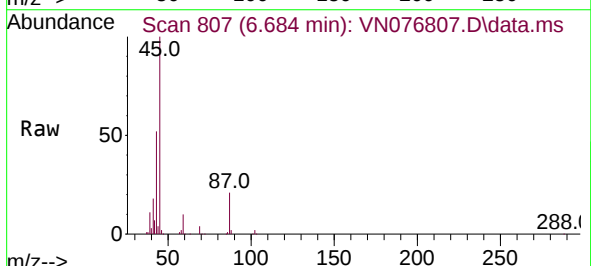
Delta R.T. -0.000 min

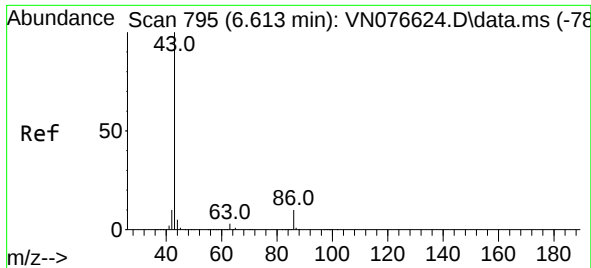
Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Tgt Ion: 45 Resp: 239724

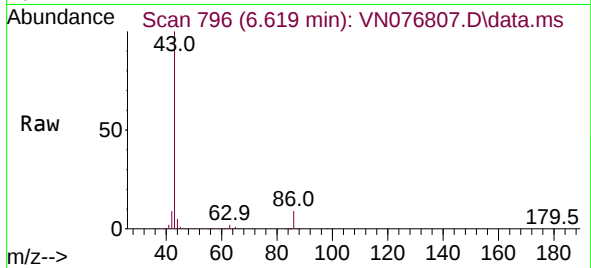
Ion	Ratio	Lower	Upper
45	100		
43	50.8	41.8	62.6
87	21.1	21.8	32.8
59	10.0	9.3	13.9





#23
 Vinyl Acetate
 Concen: 116.139 ug/l
 RT: 6.619 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VN076807.D
 Acq: 24 Feb 2023 14:14

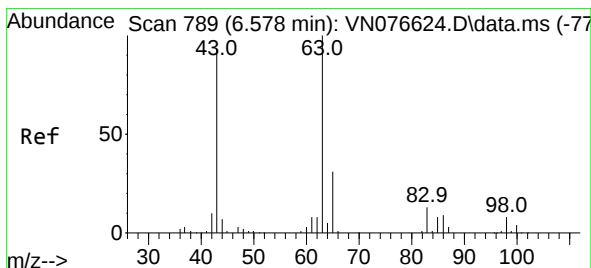
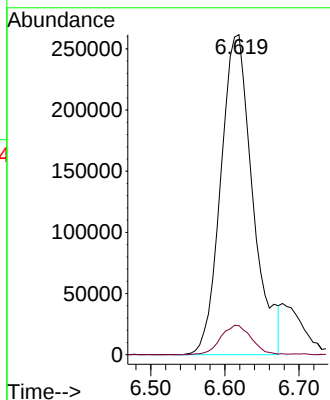
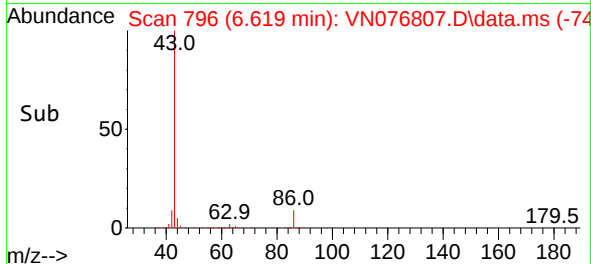
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224MBS01



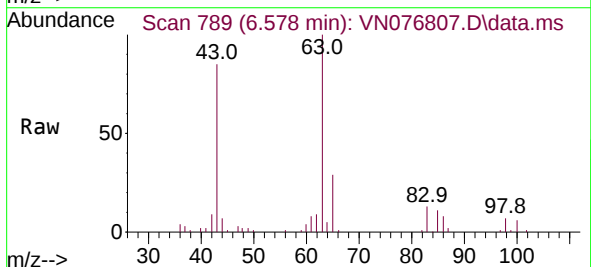
Tgt Ion: 43 Resp: 78492
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.2 12.2

Manual Integrations
 APPROVED

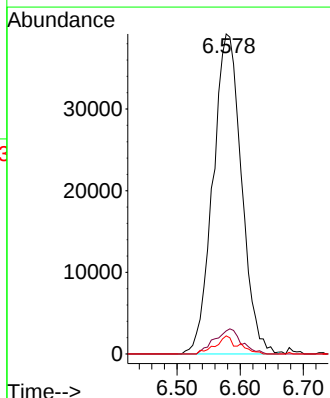
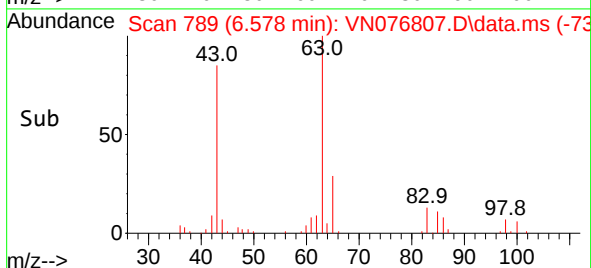
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

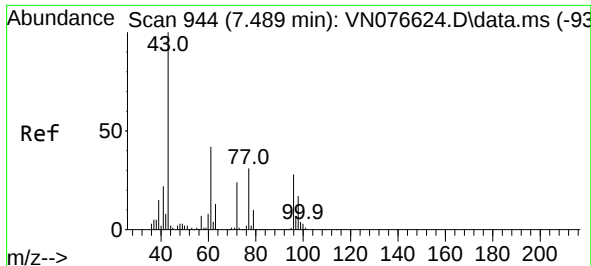


#24
 1,1-Dichloroethane
 Concen: 19.665 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076807.D
 Acq: 24 Feb 2023 14:14



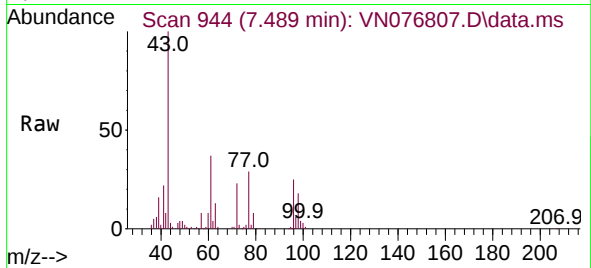
Tgt Ion: 63 Resp: 123111
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.1 12.3
 100 5.7 2.0 5.8





#25
2-Butanone
Concen: 105.808 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

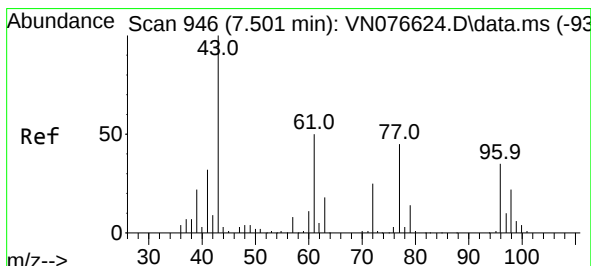
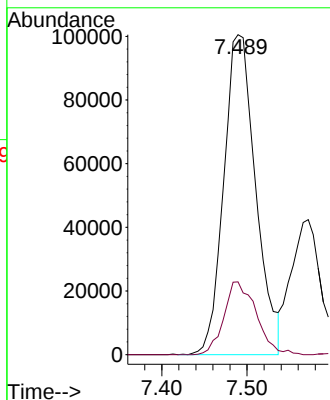
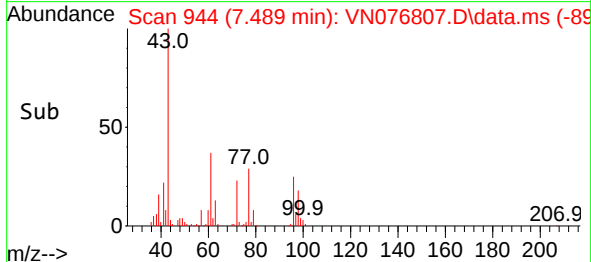
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



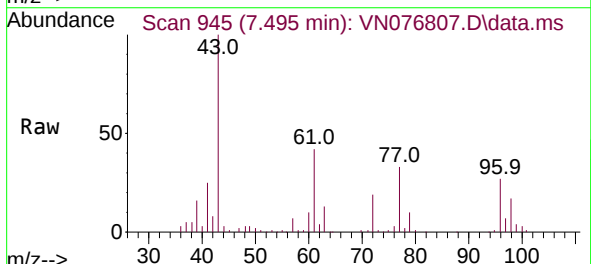
Tgt Ion: 43 Resp: 26214
Ion Ratio Lower Upper
43 100
72 22.8 19.4 29.2

Manual Integrations
APPROVED

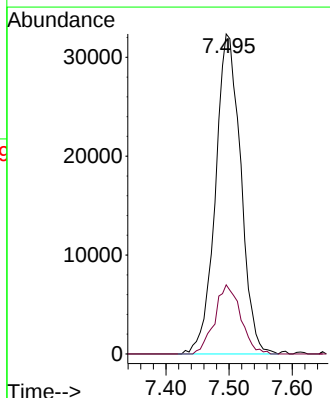
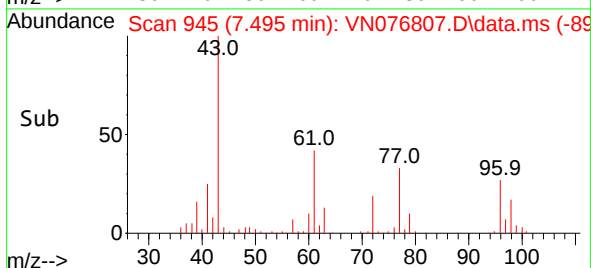
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

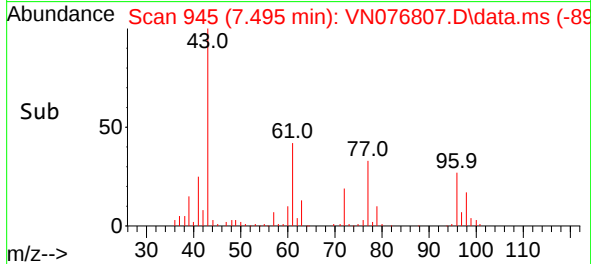
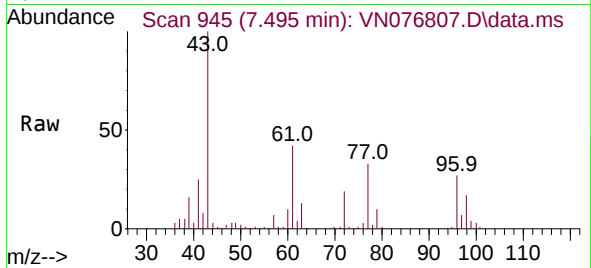
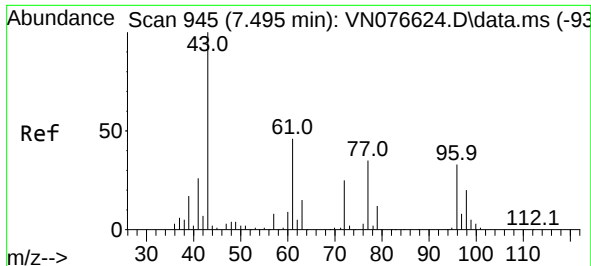


#26
2,2-Dichloropropane
Concen: 19.925 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



Tgt Ion: 77 Resp: 89970
Ion Ratio Lower Upper
77 100
97 22.2 11.9 35.7





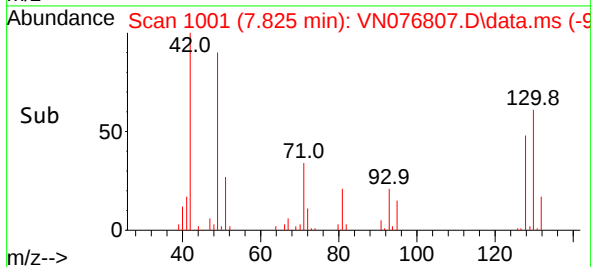
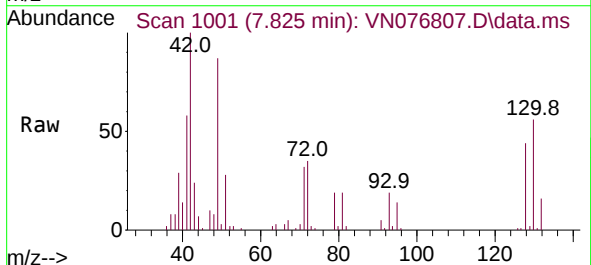
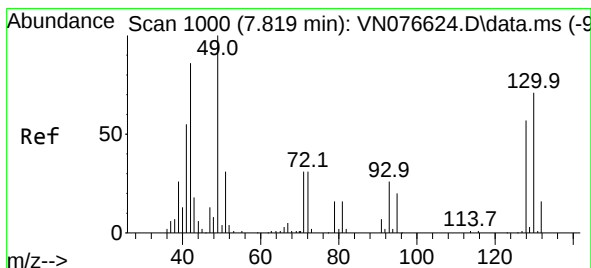
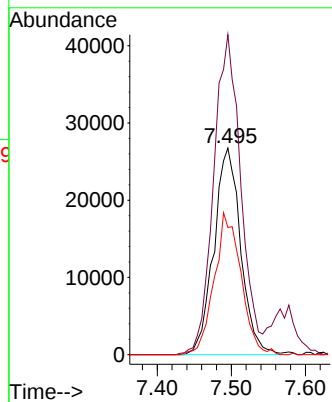
#27
cis-1,2-Dichloroethene
Concen: 17.937 ug/l
RT: 7.495 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion: 96 Resp: 67314
Ion Ratio Lower Upper
96 100
61 156.8 0.0 286.8
98 68.4 0.0 124.0

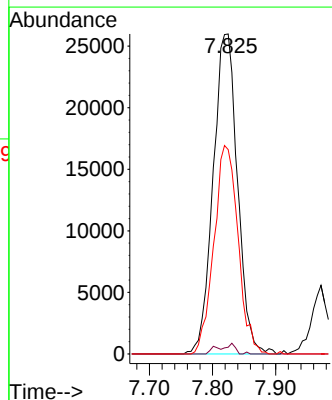
Manual Integrations
APPROVED

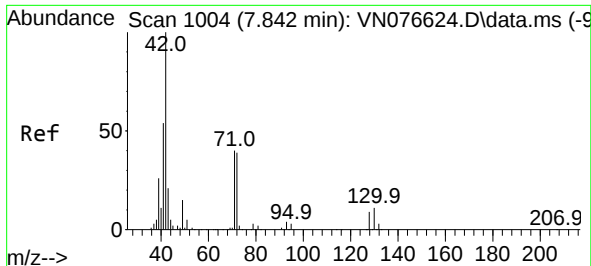
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#28
Bromochloromethane
Concen: 23.395 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 49 Resp: 69706
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.0
130 64.3 57.8 86.8





#29

Tetrahydrofuran

Concen: 108.865 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

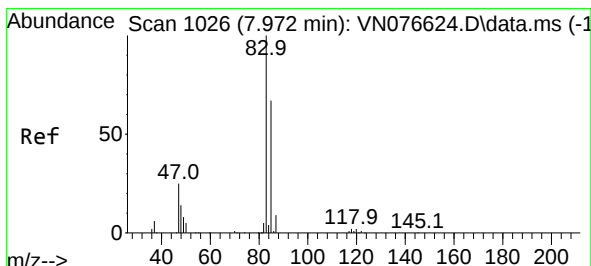
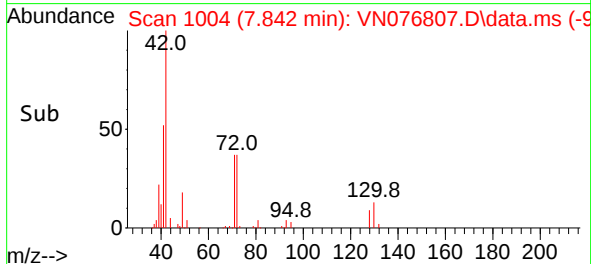
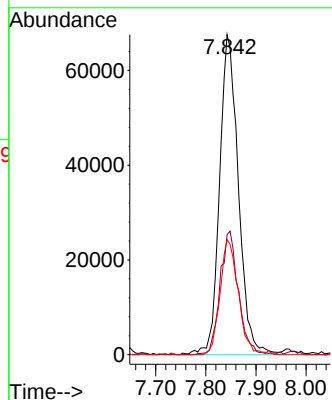
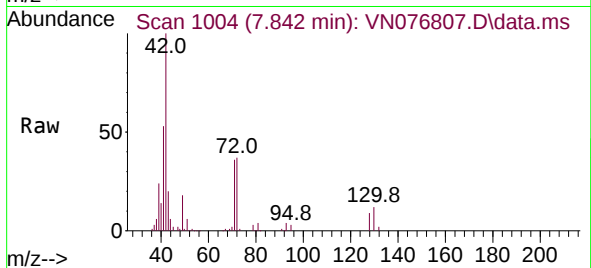
Tgt Ion: 42 Resp: 17622

Ion	Ratio	Lower	Upper
42	100		
72	37.5	31.5	47.3
71	34.6	29.8	44.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#30

Chloroform

Concen: 19.178 ug/l

RT: 7.972 min Scan# 1026

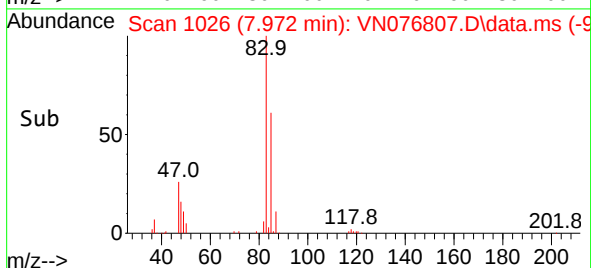
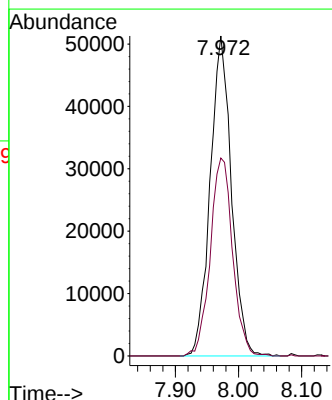
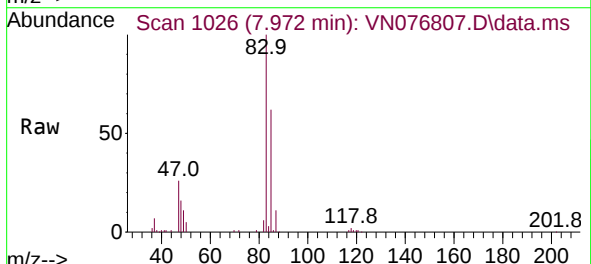
Delta R.T. -0.000 min

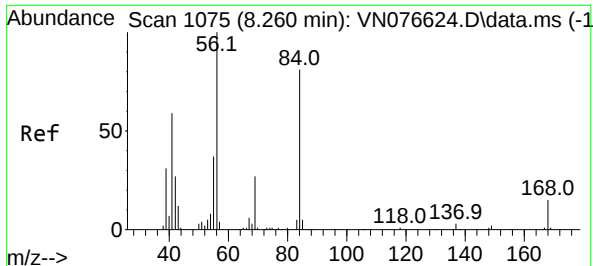
Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Tgt Ion: 83 Resp: 119958

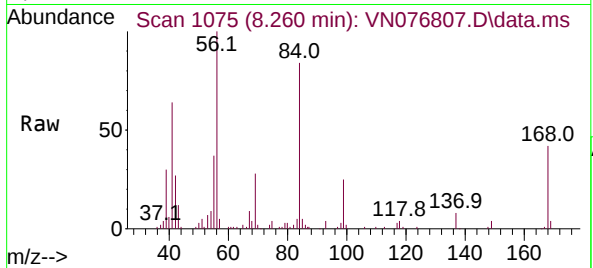
Ion	Ratio	Lower	Upper
83	100		
85	61.8	53.5	80.3





#31
Cyclohexane
Concen: 18.981 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

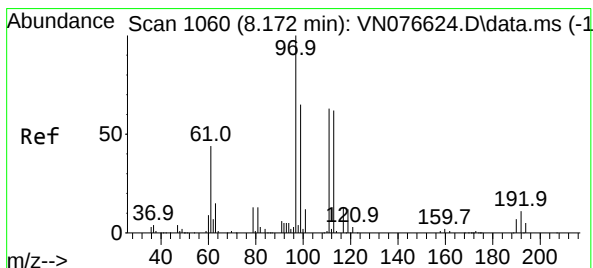
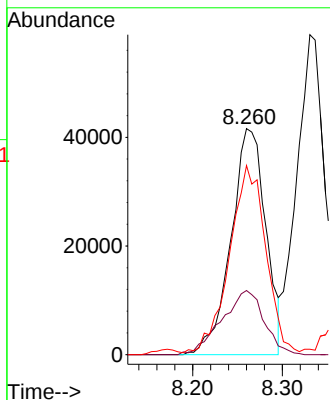
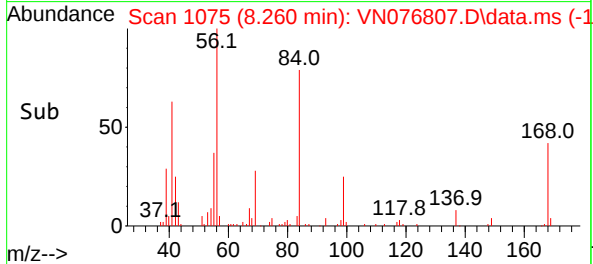
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



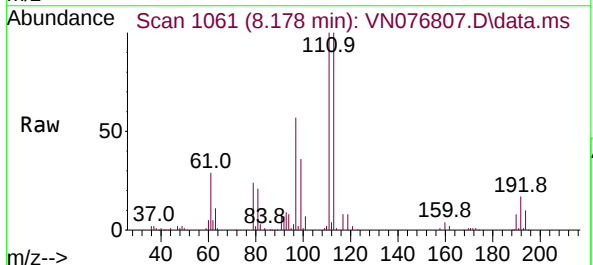
Tgt Ion: 56 Resp: 111960
Ion Ratio Lower Upper
56 100
69 28.4 21.6 32.4
84 82.4 65.1 97.7

Manual Integrations
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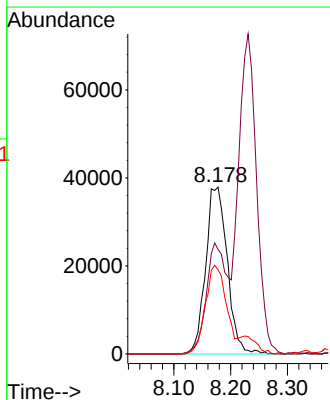
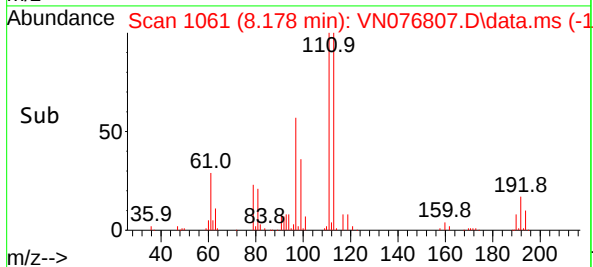
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

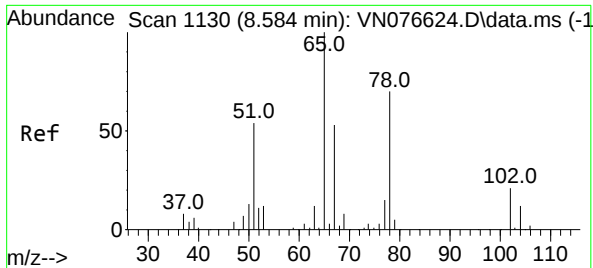


#32
1,1,1-Trichloroethane
Concen: 19.062 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



Tgt Ion: 97 Resp: 100249
Ion Ratio Lower Upper
97 100
99 65.5 51.2 76.8
61 52.2 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 57.706 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

Tgt Ion: 65 Resp: 21698

Ion Ratio Lower Upper

65 100

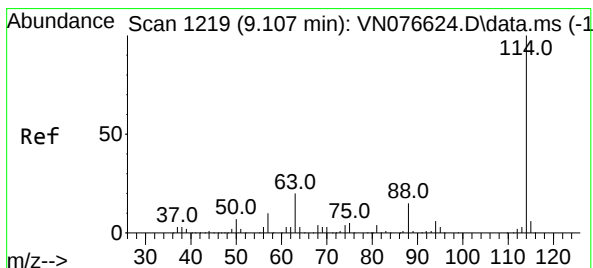
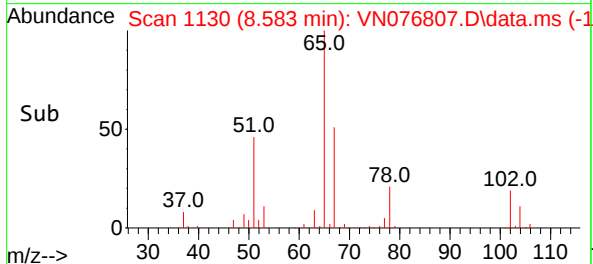
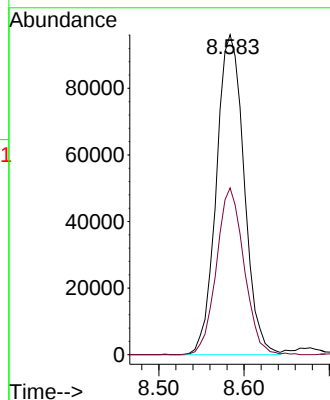
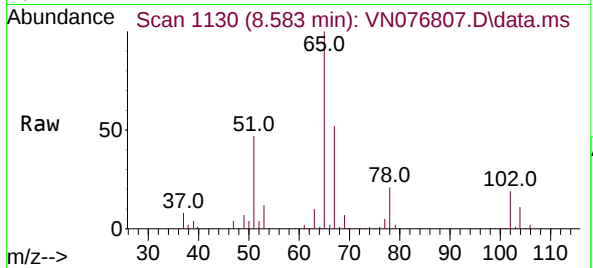
67 52.0 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

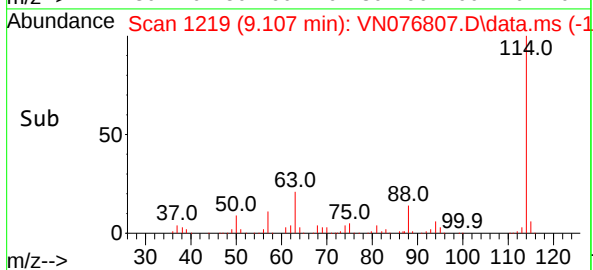
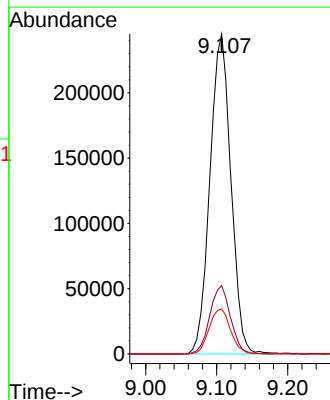
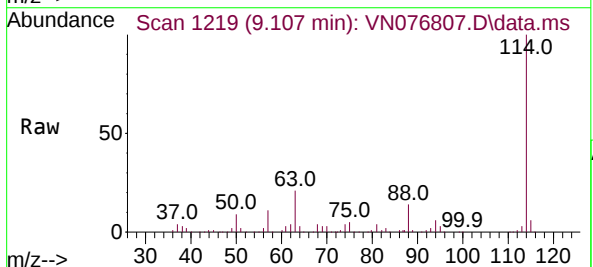
Tgt Ion:114 Resp: 502161

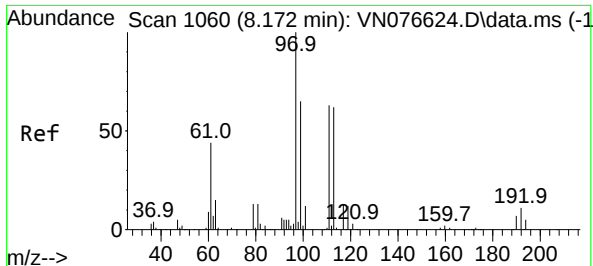
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

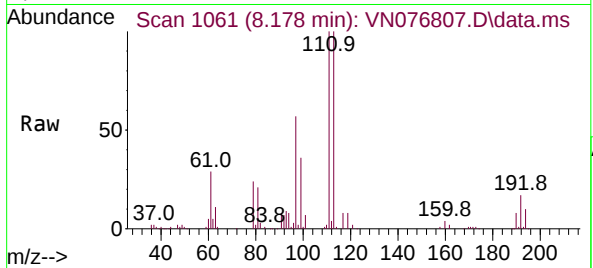
88 14.1 0.0 29.6





#35
Dibromofluoromethane
Concen: 48.616 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

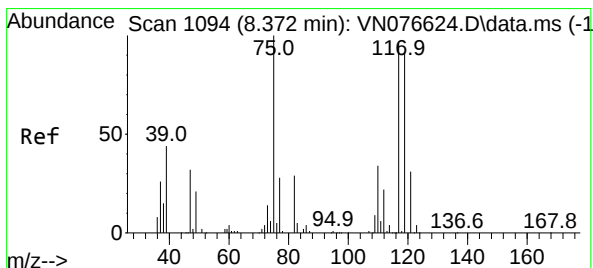
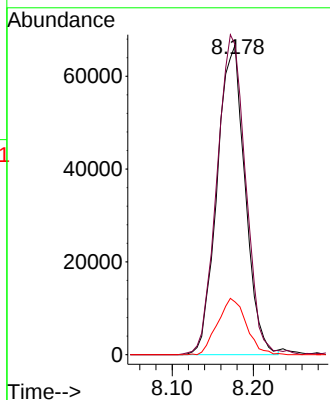
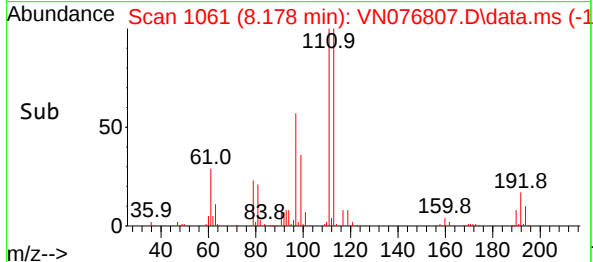
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion: 113 Resp: 159878
Ion Ratio Lower Upper
113 100
111 106.1 83.1 124.7
192 18.6 15.6 23.4

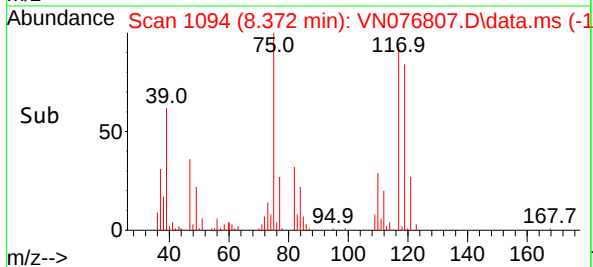
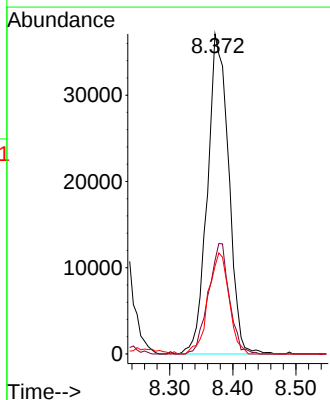
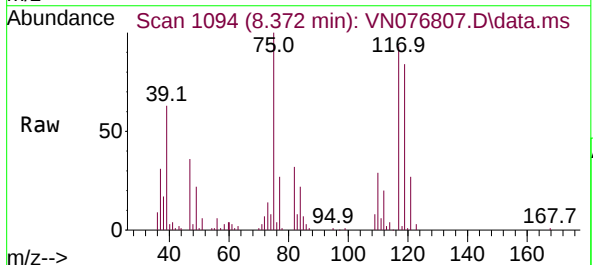
Manual Integrations
APPROVED

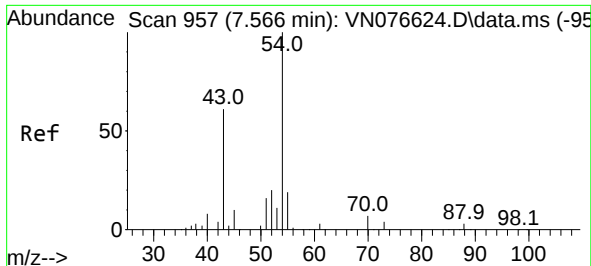
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#36
1,1-Dichloropropene
Concen: 18.218 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 75 Resp: 86562
Ion Ratio Lower Upper
75 100
110 33.9 17.5 52.5
77 31.0 24.5 36.7





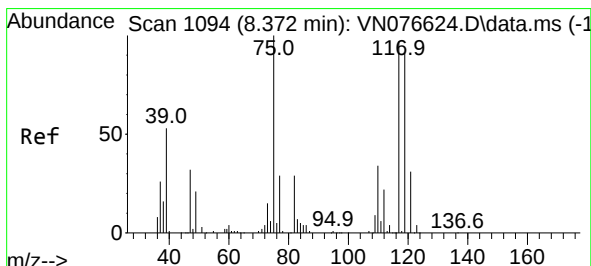
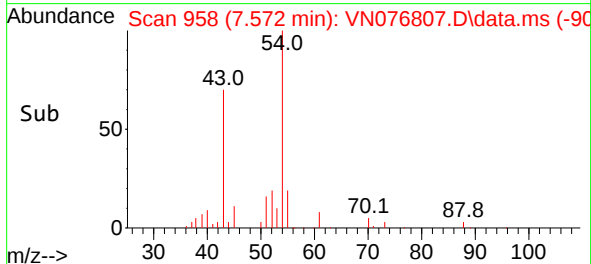
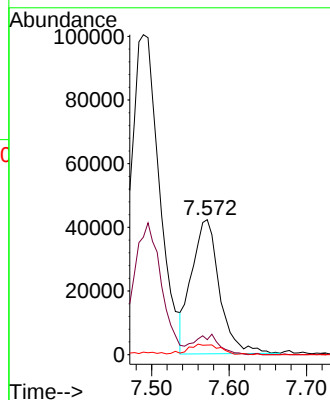
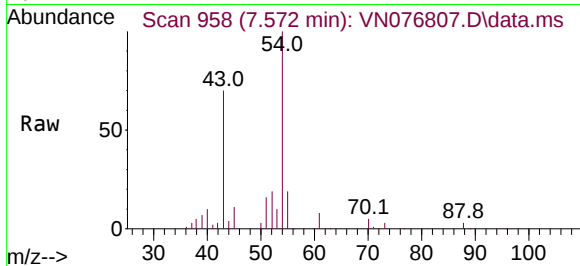
#37
Ethyl Acetate
Concen: 21.119 ug/l
RT: 7.572 min Scan# 957
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion: 43 Resp: 105578
Ion Ratio Lower Upper
43 100
61 13.3 9.9 14.9
70 8.1 7.8 11.6

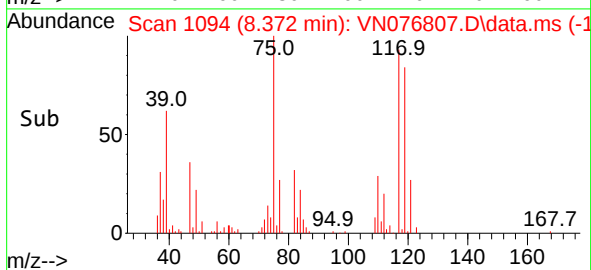
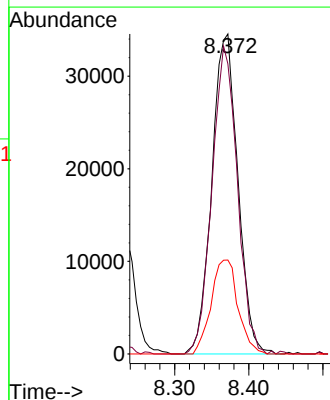
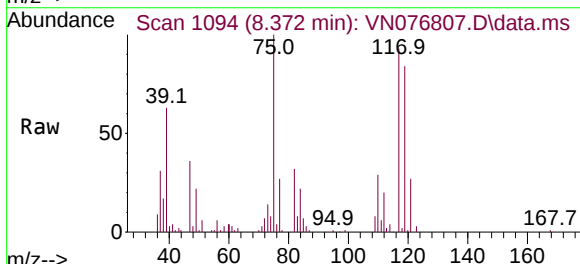
Manual Integrations
APPROVED

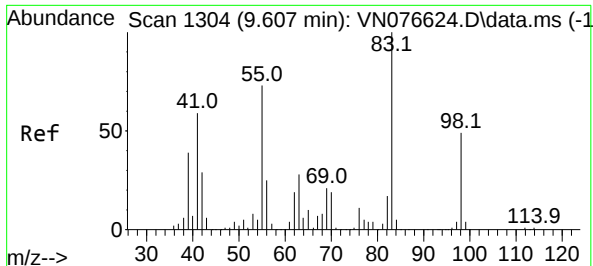
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#38
Carbon Tetrachloride
Concen: 17.609 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion:117 Resp: 84401
Ion Ratio Lower Upper
117 100
119 90.7 75.4 113.0
121 29.3 26.0 39.0





#39

Methylcyclohexane

Concen: 18.125 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

Tgt Ion: 83 Resp: 97892

Ion Ratio Lower Upper

83 100

55 80.5 58.6 88.0

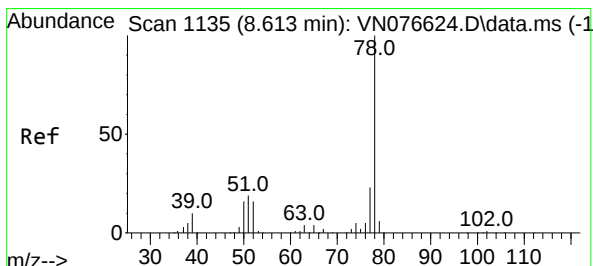
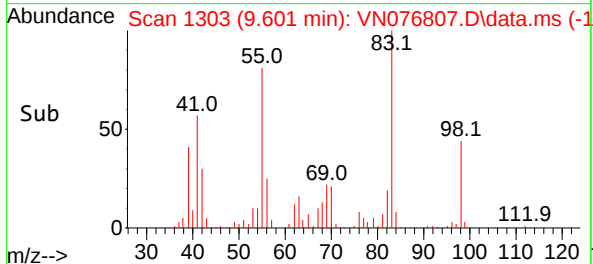
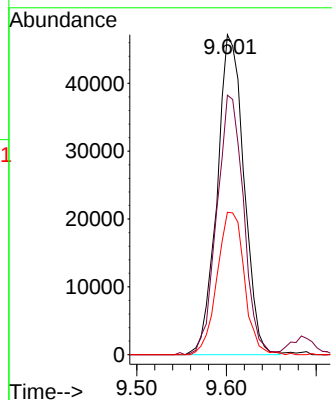
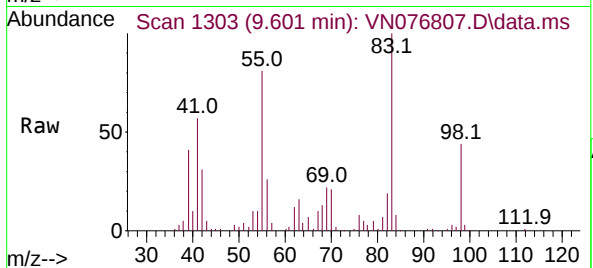
98 44.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#40

Benzene

Concen: 19.266 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076807.D

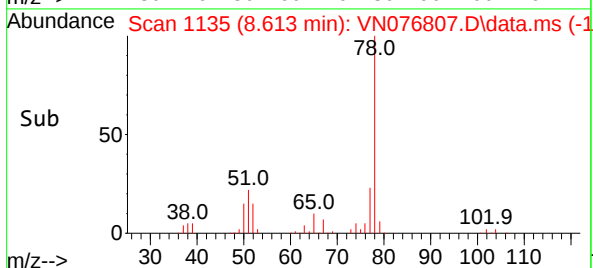
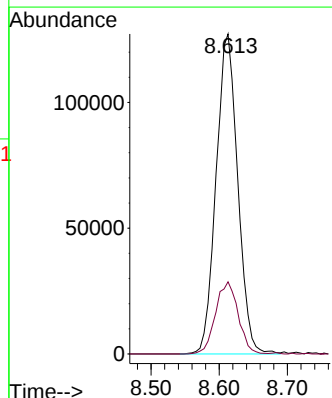
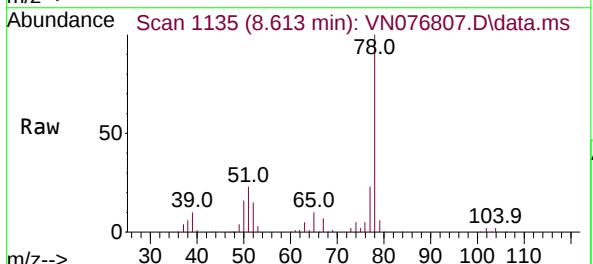
Acq: 24 Feb 2023 14:14

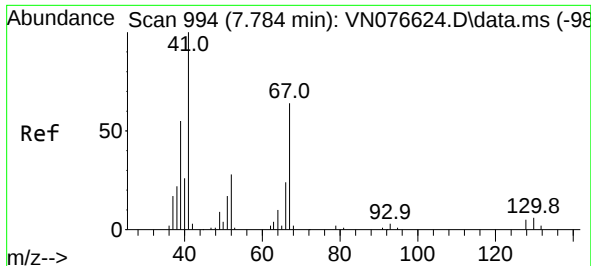
Tgt Ion: 78 Resp: 281116

Ion Ratio Lower Upper

78 100

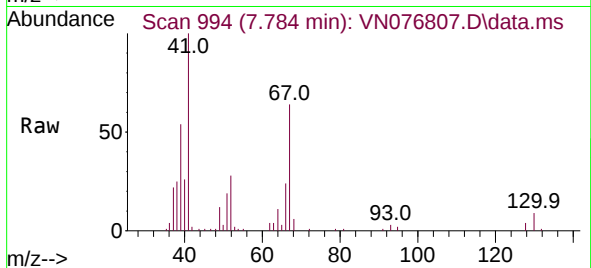
77 22.5 18.2 27.4





#41
Methacrylonitrile
Concen: 20.331 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

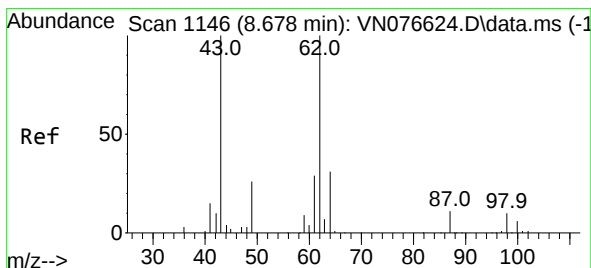
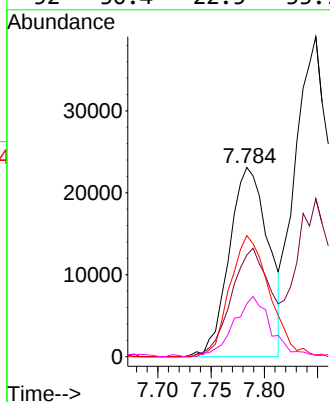
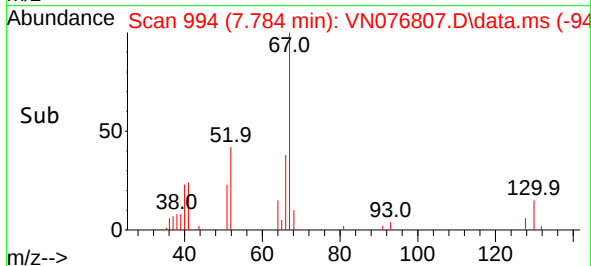
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion: 41 Resp: 58879
Ion Ratio Lower Upper
41 100
39 56.6 42.6 63.8
67 65.1 51.4 77.0
52 30.4 22.5 33.7

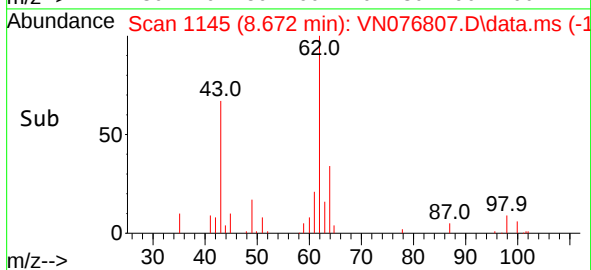
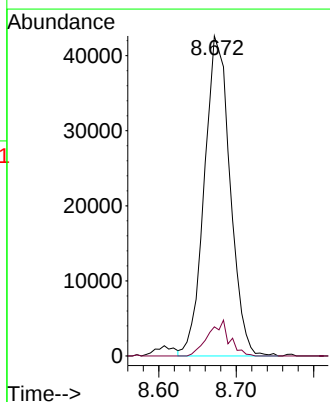
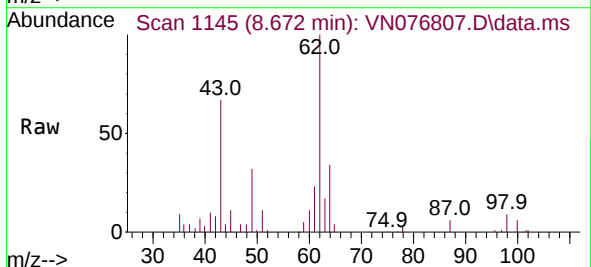
Manual Integrations
APPROVED

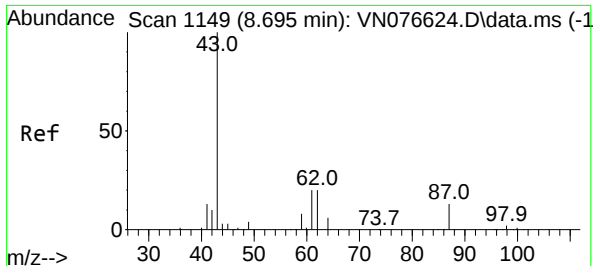
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#42
1,2-Dichloroethane
Concen: 19.383 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 62 Resp: 98639
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 26.176 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

Tgt Ion: 43 Resp: 21293

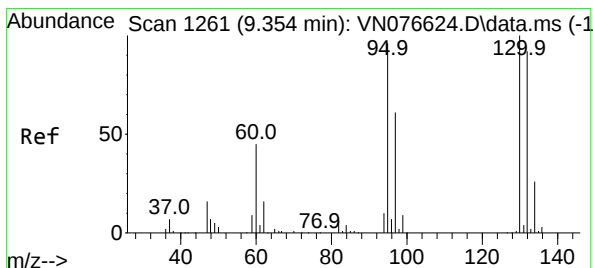
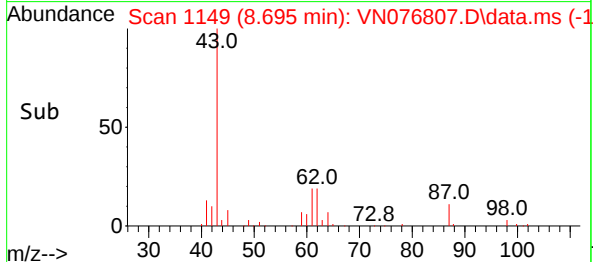
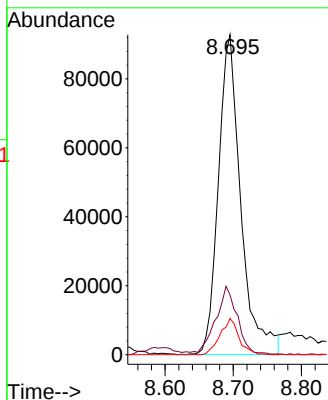
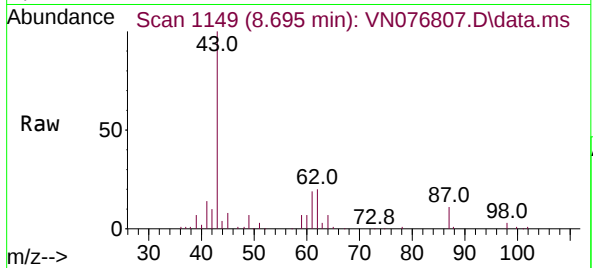
Ion	Ratio	Lower	Upper
43	100		
61	20.8	20.0	30.0
87	9.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#44

Trichloroethene

Concen: 17.794 ug/l

RT: 9.354 min Scan# 1261

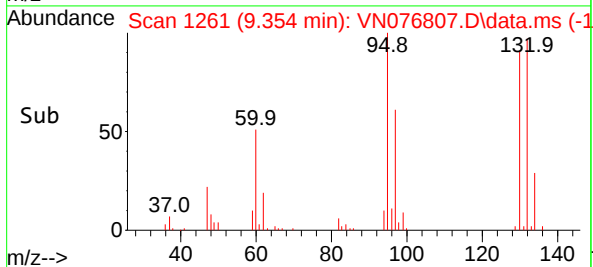
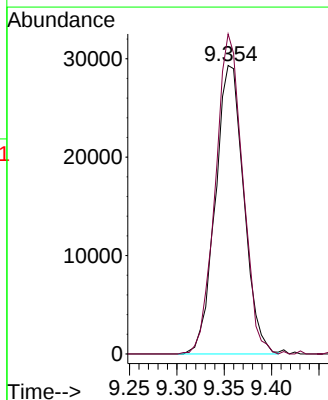
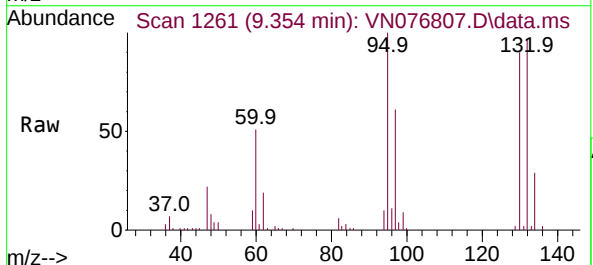
Delta R.T. 0.000 min

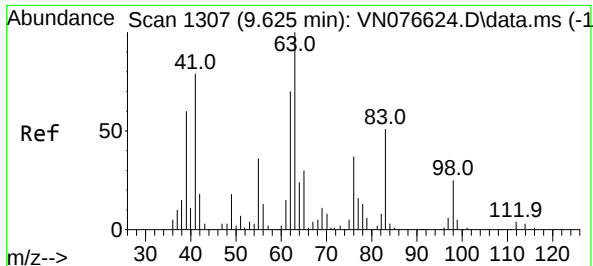
Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Tgt Ion:130 Resp: 61356

Ion	Ratio	Lower	Upper
130	100		
95	110.9	0.0	191.4





#45

1,2-Dichloropropane

Concen: 19.854 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

Tgt Ion: 63 Resp: 7668

Ion Ratio Lower Upper

63 100

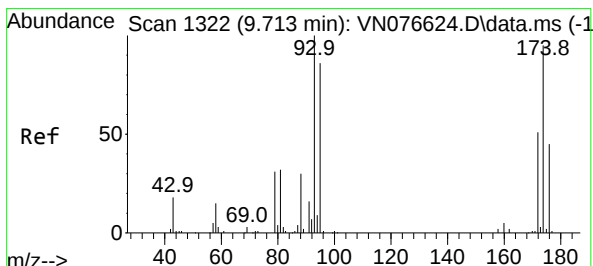
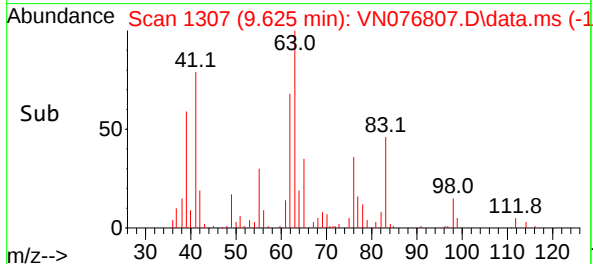
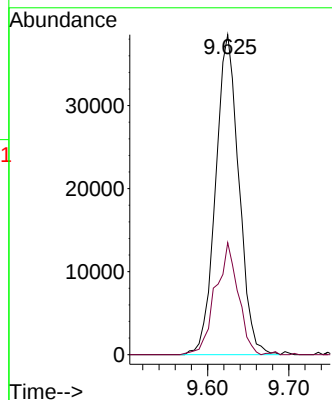
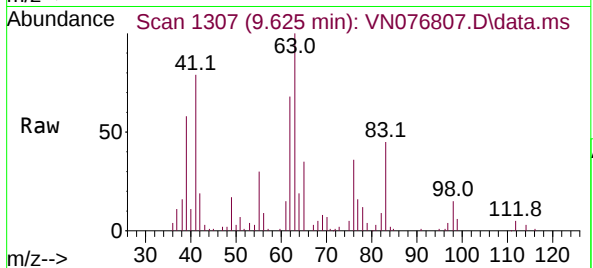
65 35.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#46

Dibromomethane

Concen: 19.985 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

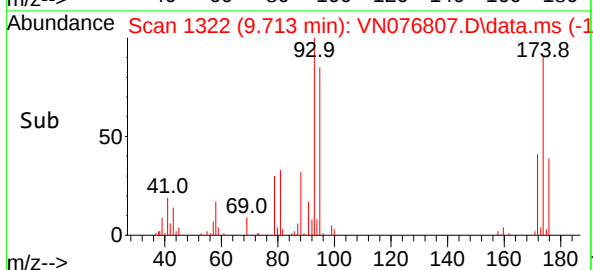
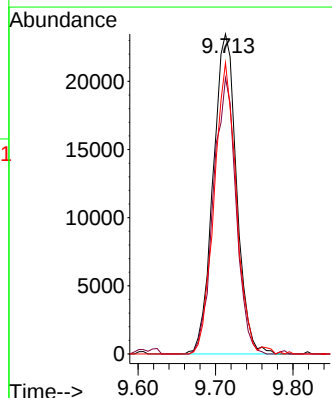
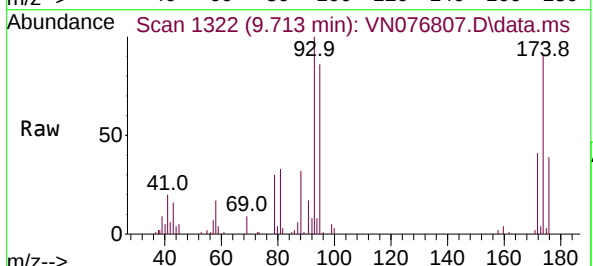
Tgt Ion: 93 Resp: 49351

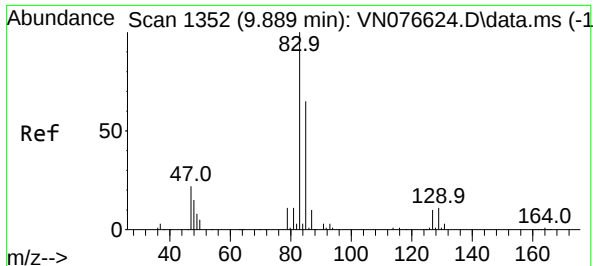
Ion Ratio Lower Upper

93 100

95 83.3 66.0 99.0

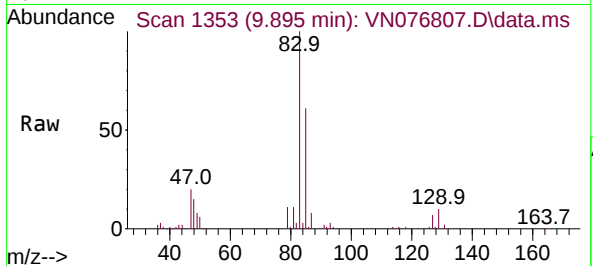
174 86.6 75.8 113.8





#47
Bromodichloromethane
Concen: 19.641 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

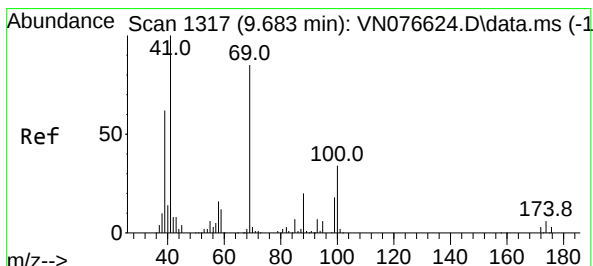
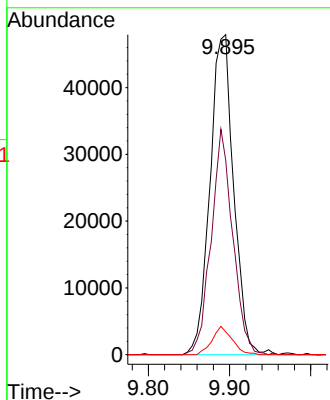
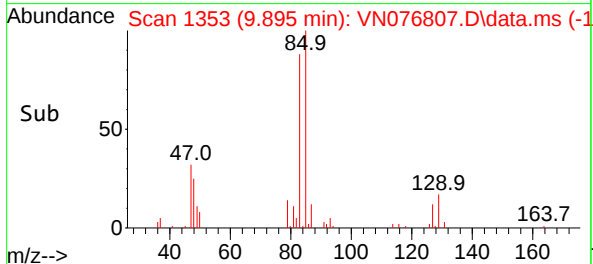
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion: 83 Resp: 97238
Ion Ratio Lower Upper
83 100
85 60.8 51.8 77.6
127 7.1 7.9 11.9

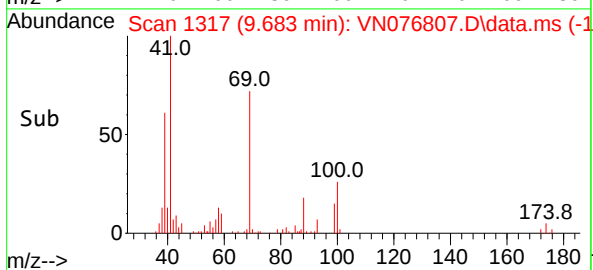
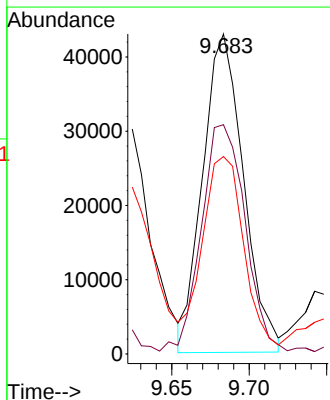
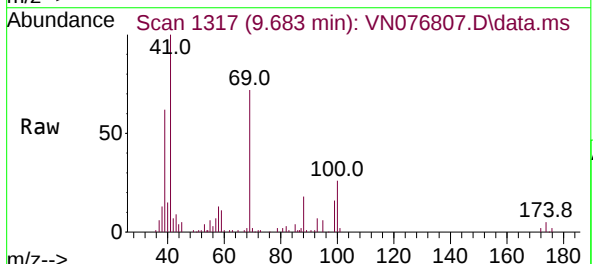
Manual Integrations
APPROVED

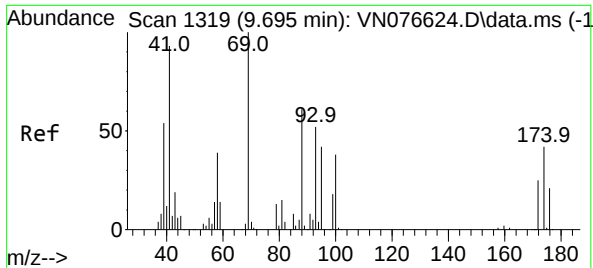
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#48
Methyl methacrylate
Concen: 20.317 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 41 Resp: 78426
Ion Ratio Lower Upper
41 100
69 76.0 65.4 98.0
39 64.1 49.3 73.9





#49

1,4-Dioxane

Concen: 429.334 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

Tgt Ion: 88 Resp: 2866

Ion Ratio Lower Upper

88 100

43 29.9 22.6 33.8

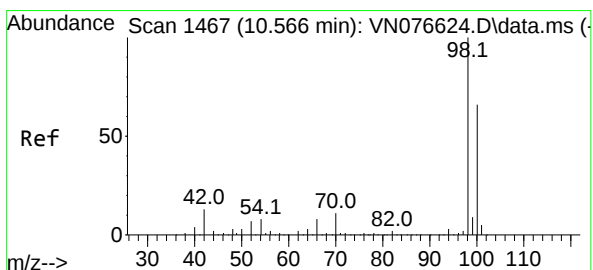
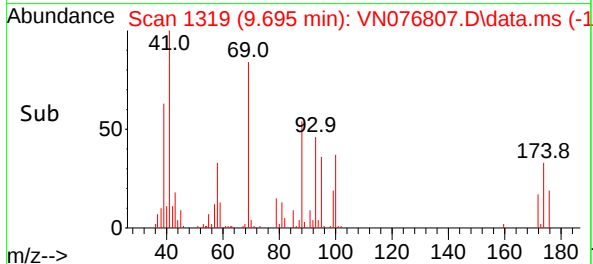
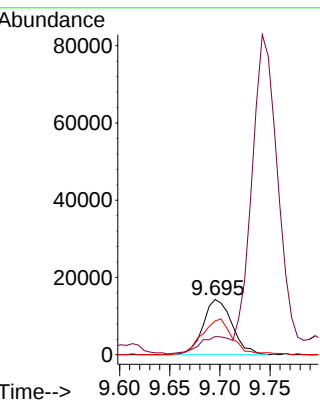
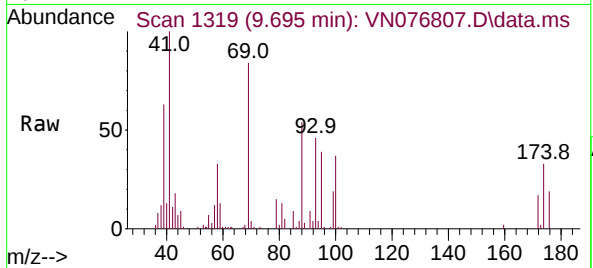
58 69.4 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#50

Toluene-d8

Concen: 53.055 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076807.D

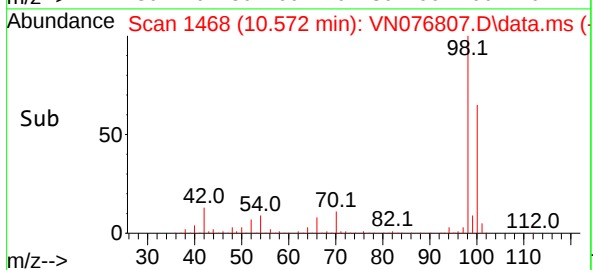
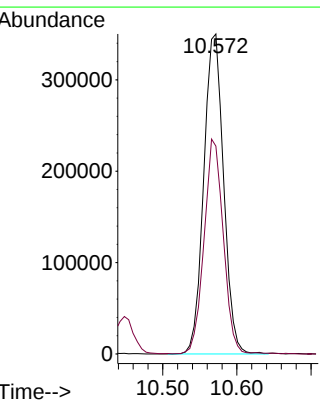
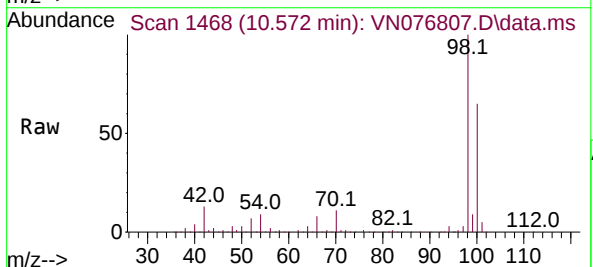
Acq: 24 Feb 2023 14:14

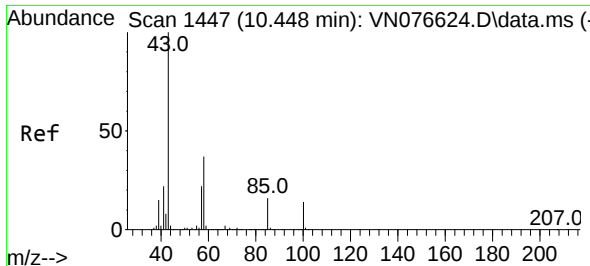
Tgt Ion: 98 Resp: 651589

Ion Ratio Lower Upper

98 100

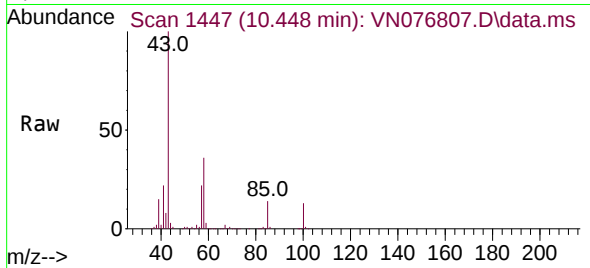
100 65.1 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 110.110 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

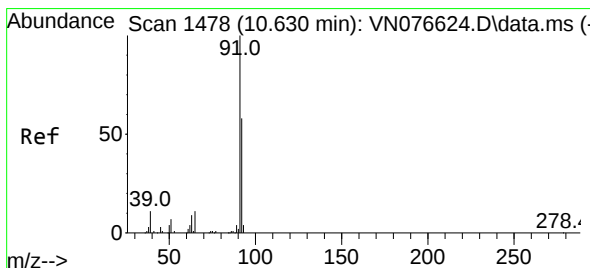
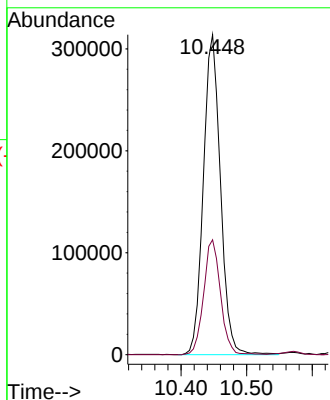
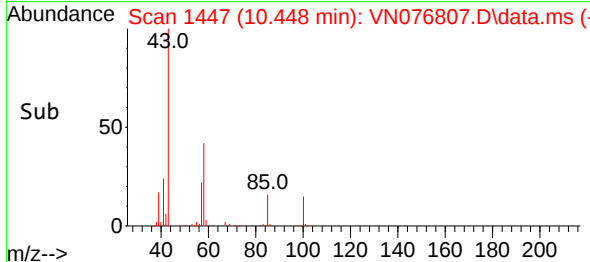
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



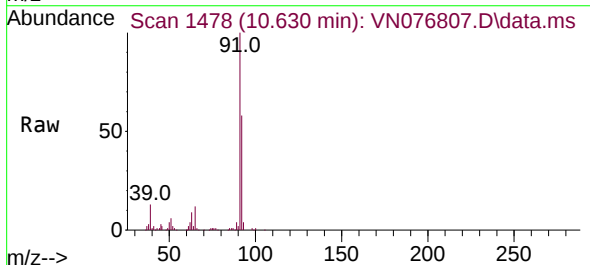
Tgt Ion: 43 Resp: 569897
Ion Ratio Lower Upper
43 100
58 35.5 29.5 44.3

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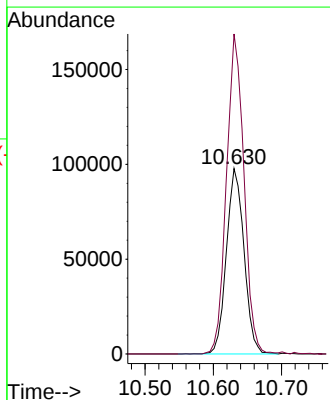
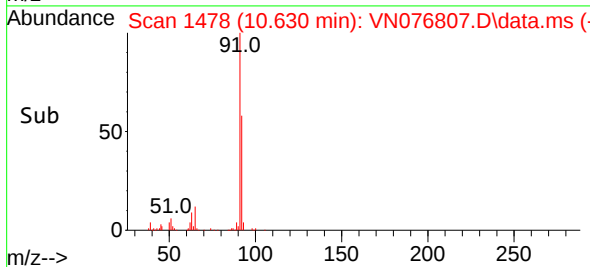
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

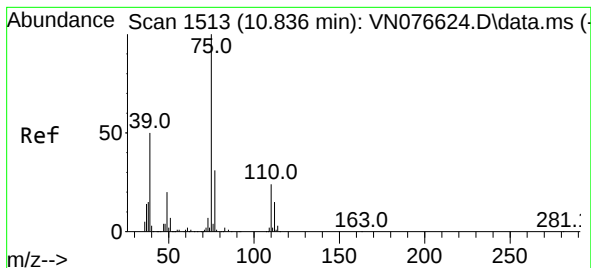


#52
Toluene
Concen: 20.016 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



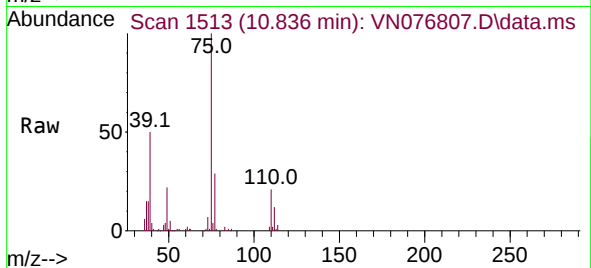
Tgt Ion: 92 Resp: 176333
Ion Ratio Lower Upper
92 100
91 170.9 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 20.718 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

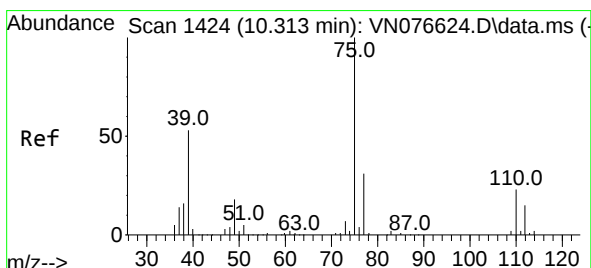
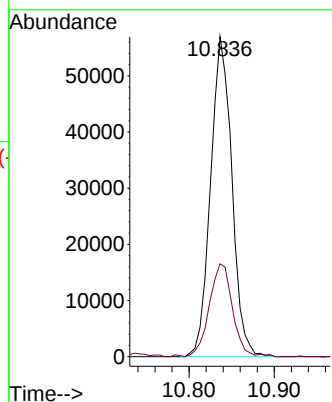
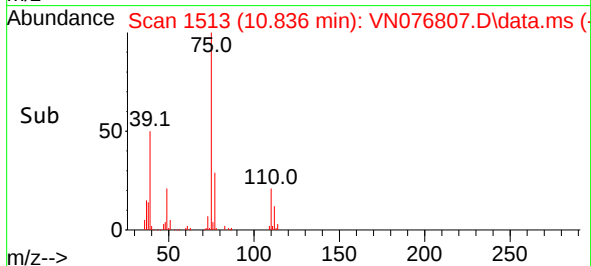
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion: 75 Resp: 9900
Ion Ratio Lower Upper
75 100
77 29.0 24.6 37.0

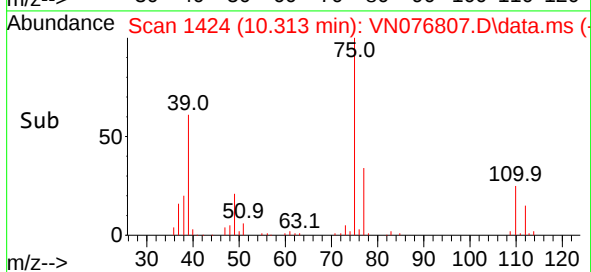
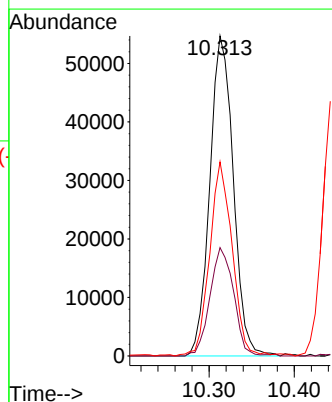
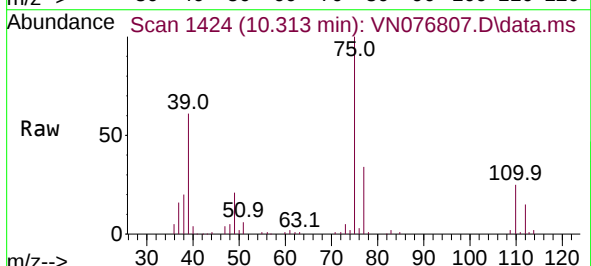
Manual Integrations
APPROVED

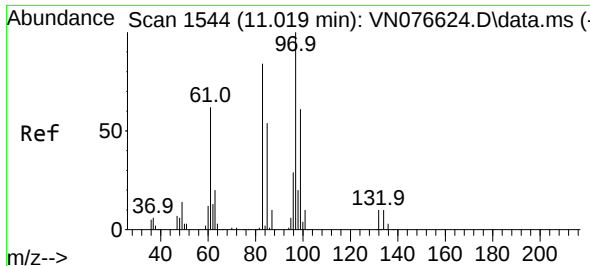
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#54
cis-1,3-Dichloropropene
Concen: 19.013 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

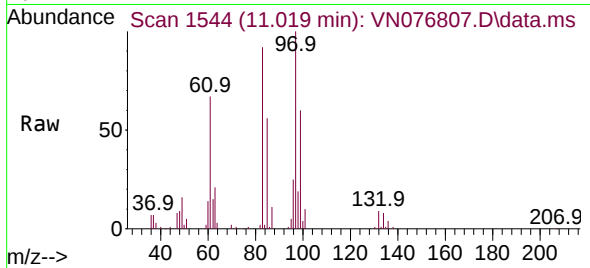
Tgt Ion: 75 Resp: 104798
Ion Ratio Lower Upper
75 100
77 33.8 25.1 37.7
39 60.2 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 19.763 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

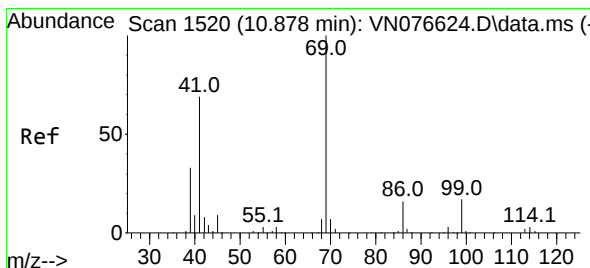
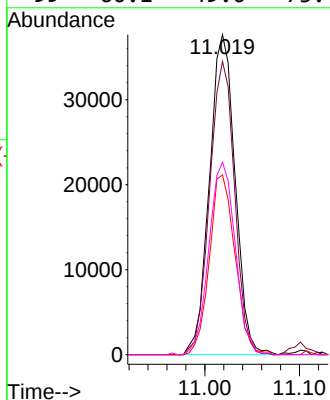
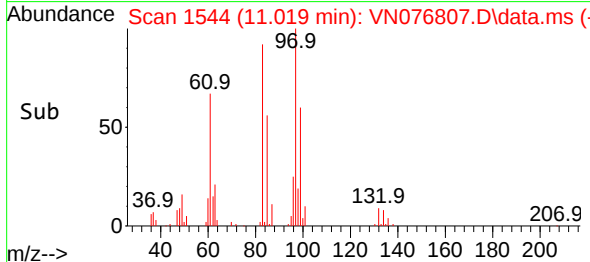
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.6	67.3	100.9
85	56.2	43.2	64.8
99	60.1	49.0	73.4

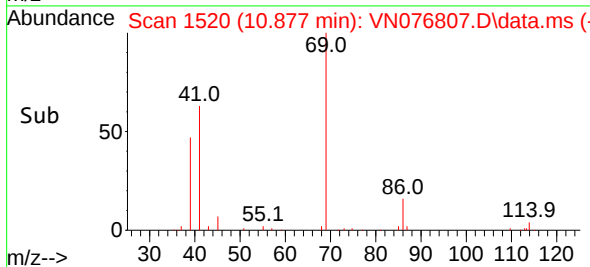
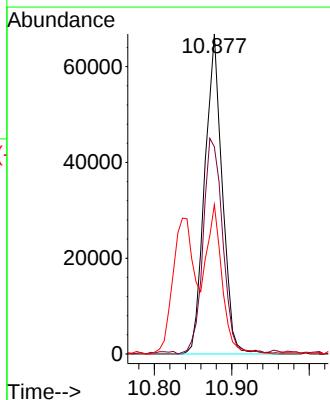
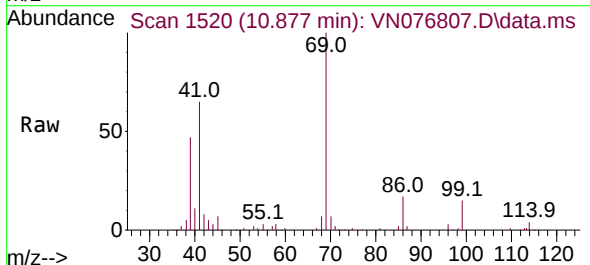
Manual Integrations
APPROVED

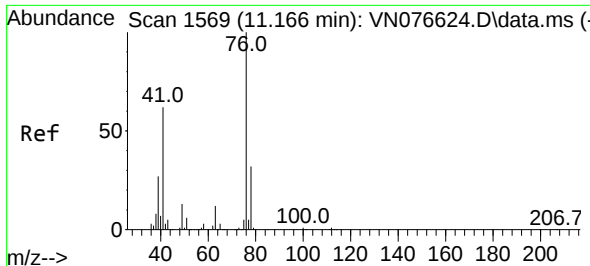
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#56
Ethyl methacrylate
Concen: 20.821 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.7	55.1	82.7
39	41.2	30.7	46.1





#57

1,3-Dichloropropane

Concen: 20.108 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

Tgt Ion: 76 Resp: 12375

Ion Ratio Lower Upper

76 100

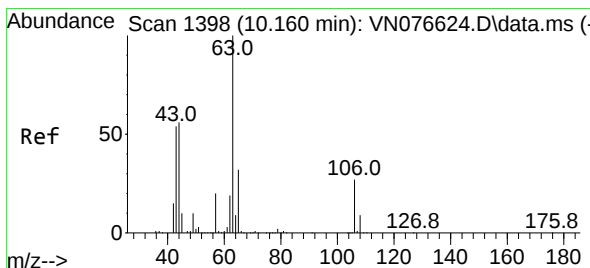
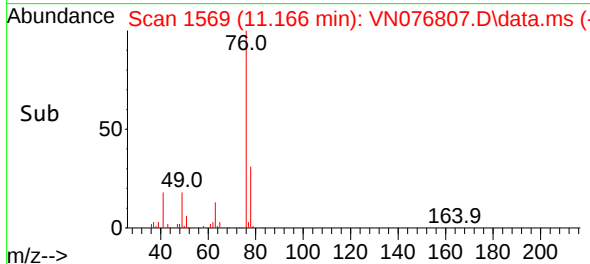
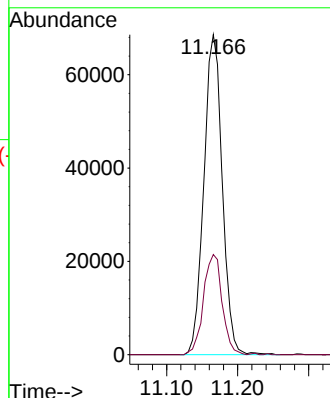
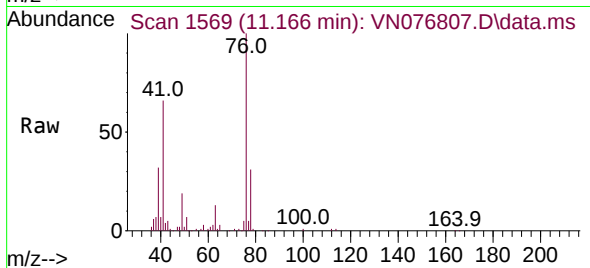
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.453 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076807.D

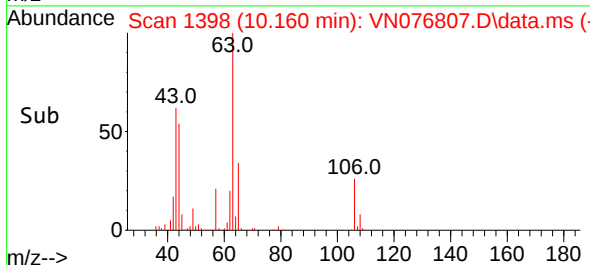
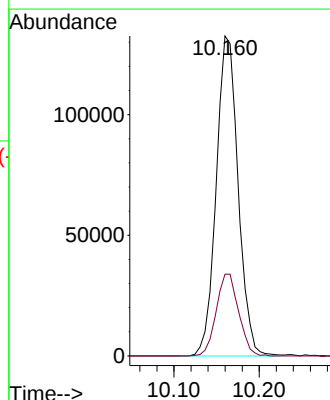
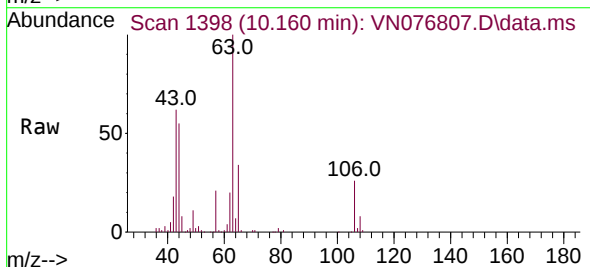
Acq: 24 Feb 2023 14:14

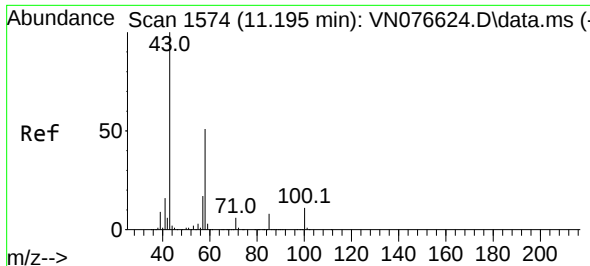
Tgt Ion: 63 Resp: 236585

Ion Ratio Lower Upper

63 100

106 26.1 22.3 33.5





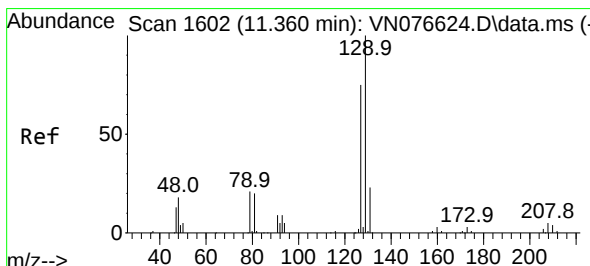
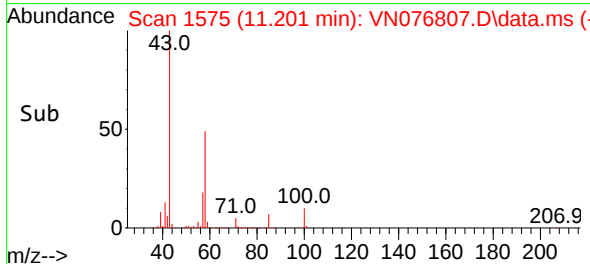
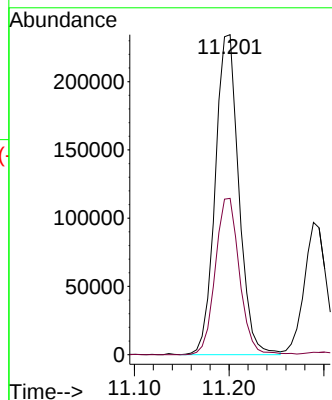
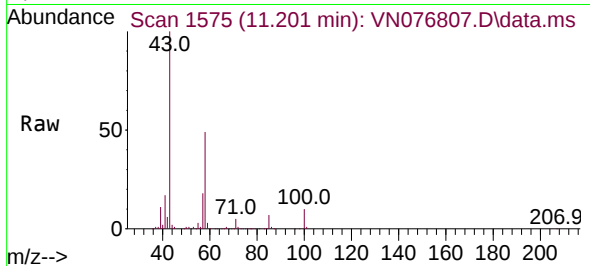
#59
2-Hexanone
Concen: 108.746 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion: 43 Resp: 405820
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.0

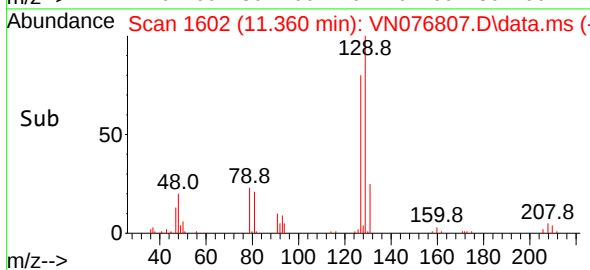
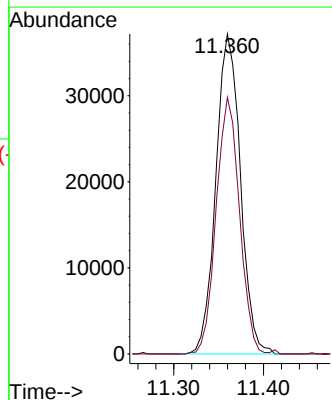
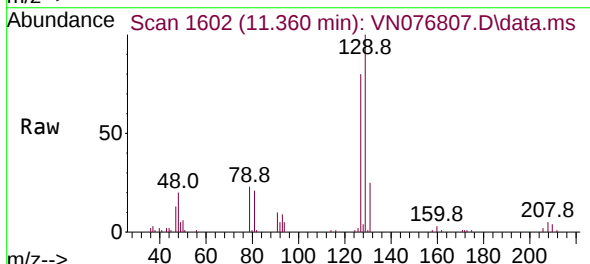
Manual Integrations
APPROVED

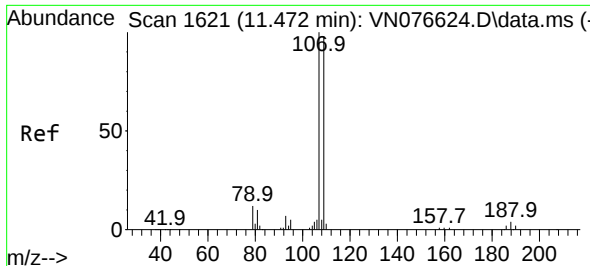
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#60
Dibromochloromethane
Concen: 18.710 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

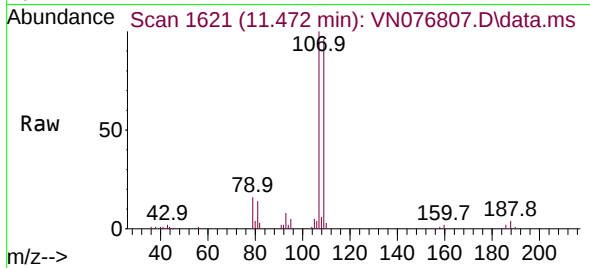
Tgt Ion:129 Resp: 70636
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.710 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

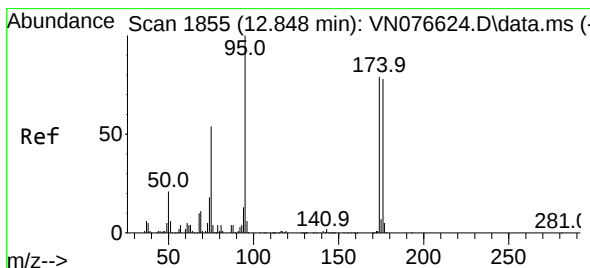
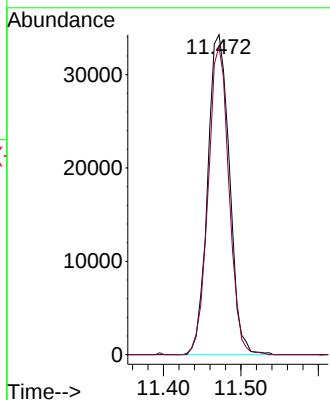
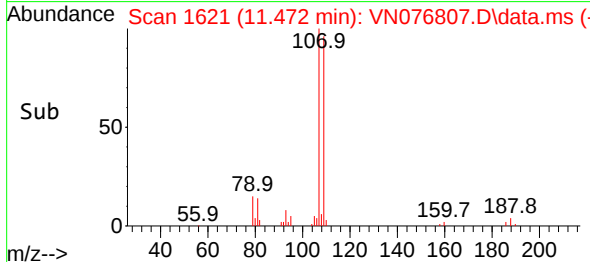
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



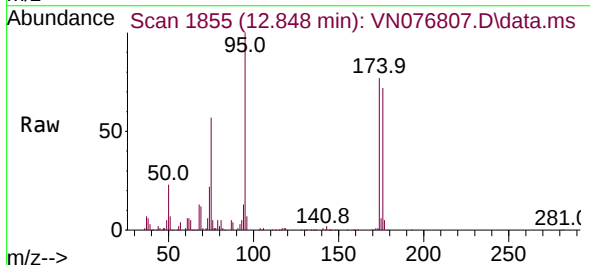
Tgt Ion:107 Resp: 67080
Ion Ratio Lower Upper
107 100
109 92.0 76.8 115.2

Manual Integrations
APPROVED

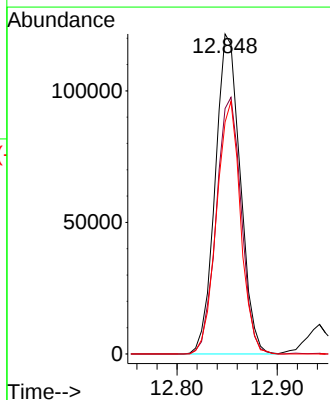
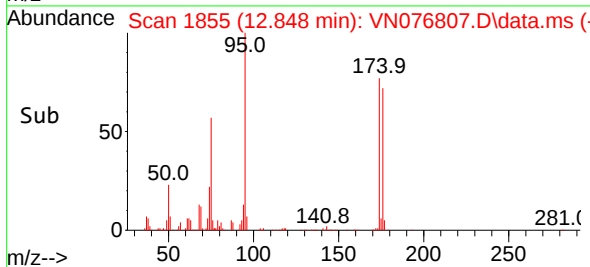
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

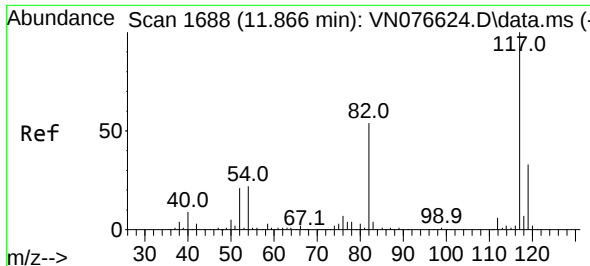


#62
4-Bromofluorobenzene
Concen: 51.850 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



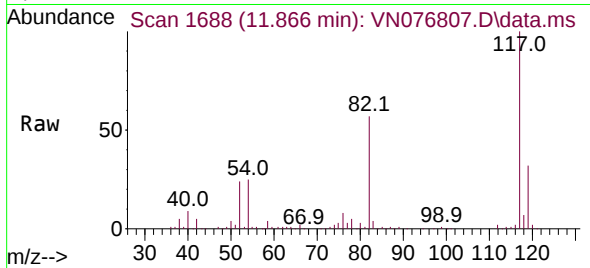
Tgt Ion: 95 Resp: 210907
Ion Ratio Lower Upper
95 100
174 79.8 0.0 169.2
176 75.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

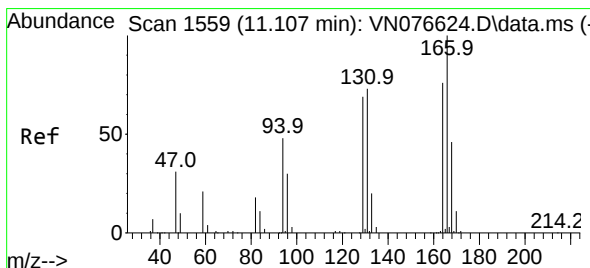
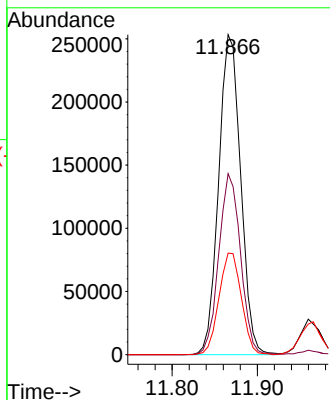
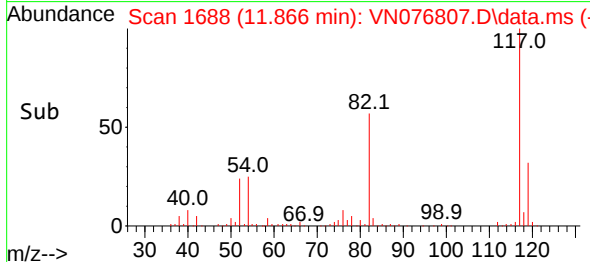
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



Tgt Ion:117 Resp: 454180
Ion Ratio Lower Upper
117 100
82 56.6 43.4 65.2
119 31.8 26.1 39.1

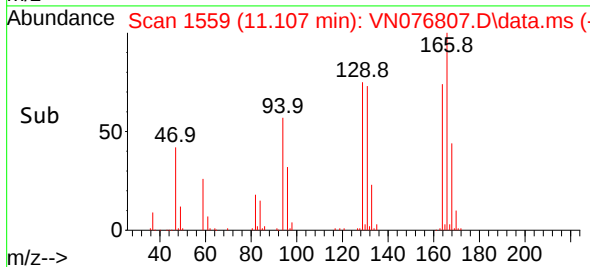
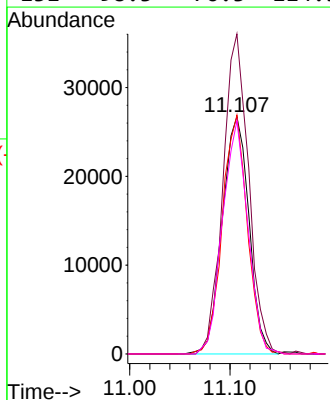
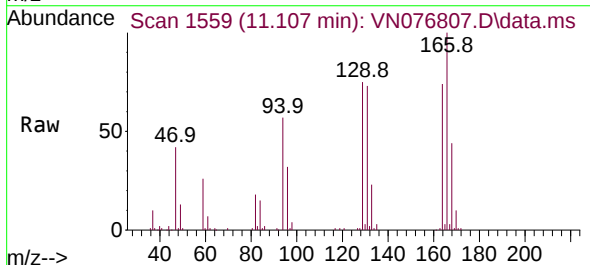
Manual Integrations
APPROVED

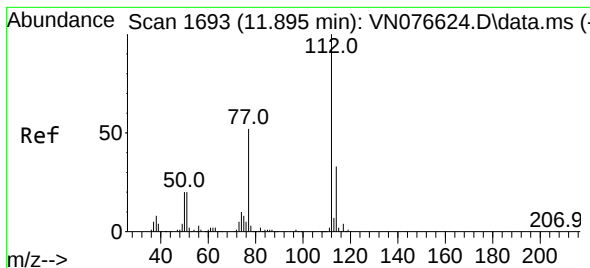
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#64
Tetrachloroethene
Concen: 17.232 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion:164 Resp: 49321
Ion Ratio Lower Upper
164 100
166 134.9 104.8 157.2
129 100.6 72.2 108.2
131 98.3 76.3 114.5





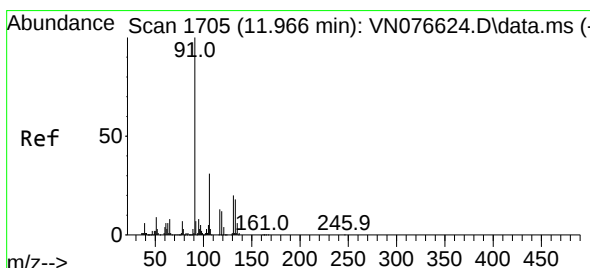
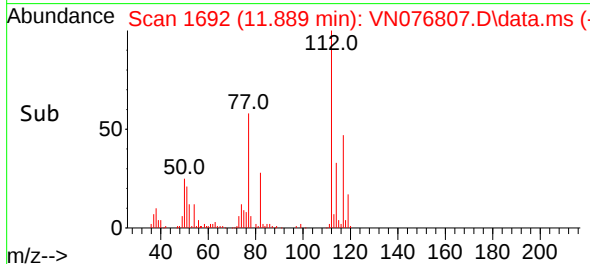
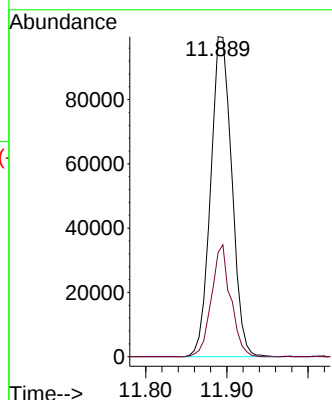
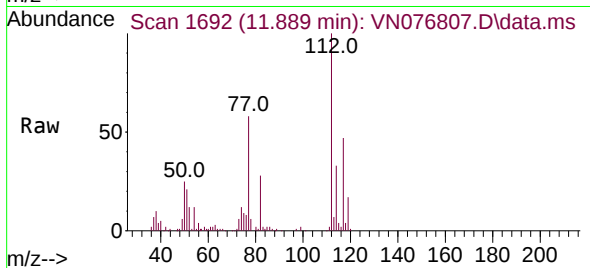
#65
Chlorobenzene
Concen: 18.747 ug/l
RT: 11.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion:112 Resp: 18044
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6

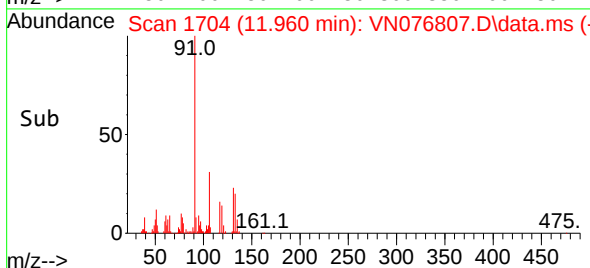
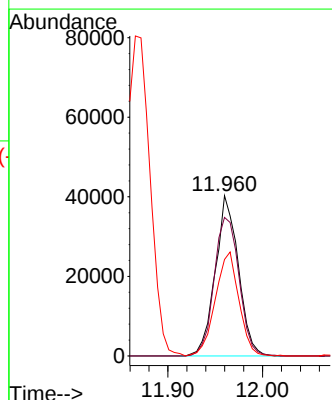
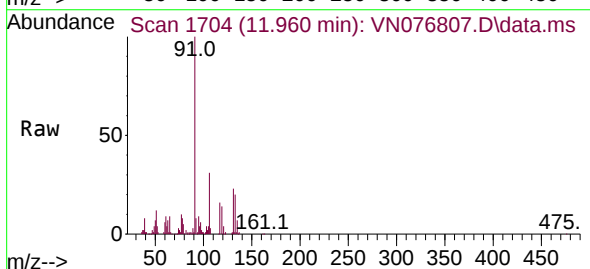
Manual Integrations
APPROVED

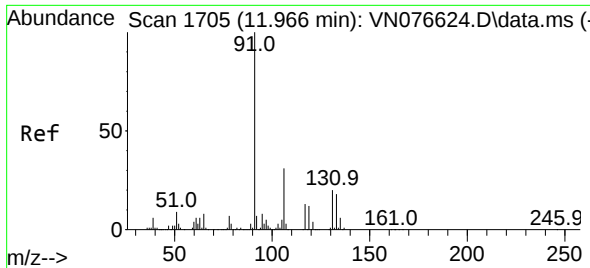
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.520 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

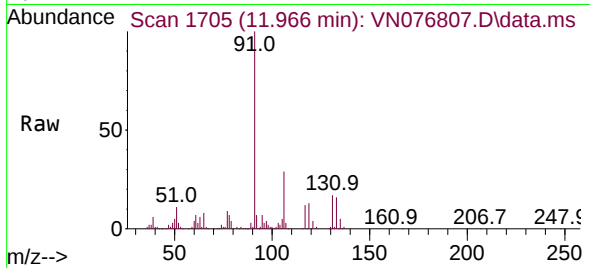
Tgt Ion:131 Resp: 68245
Ion Ratio Lower Upper
131 100
133 93.5 47.0 141.0
119 66.2 32.3 96.8





#67
Ethyl Benzene
Concen: 19.821 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

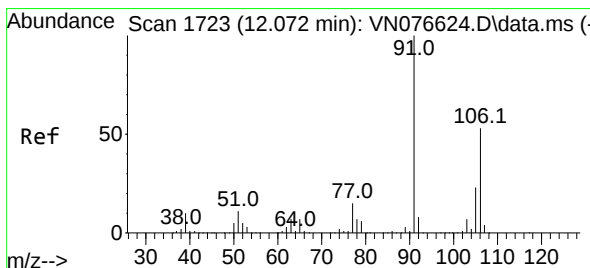
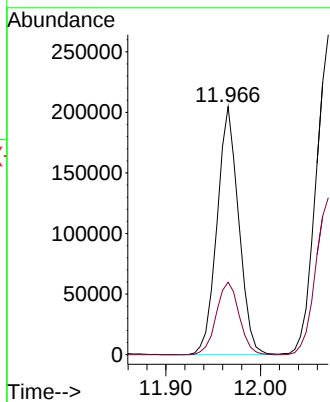
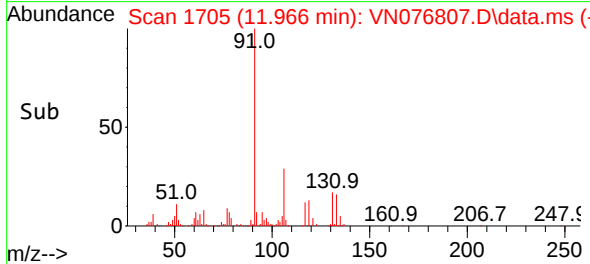
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



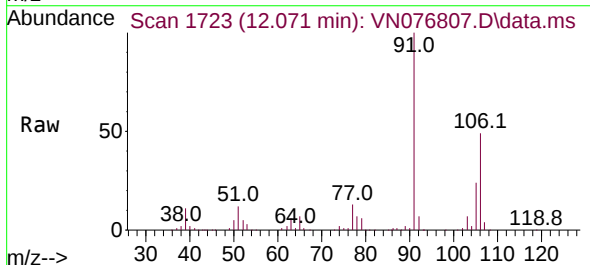
Tgt Ion: 91 Resp: 32503
Ion Ratio Lower Upper
91 100
106 29.2 25.1 37.7

Manual Integrations
APPROVED

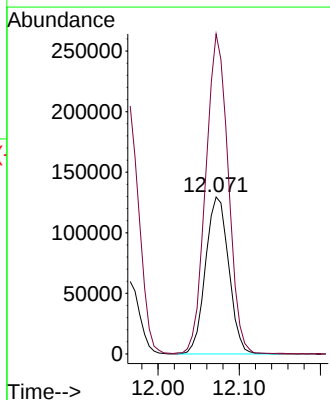
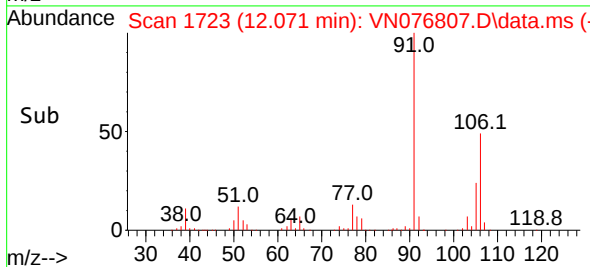
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

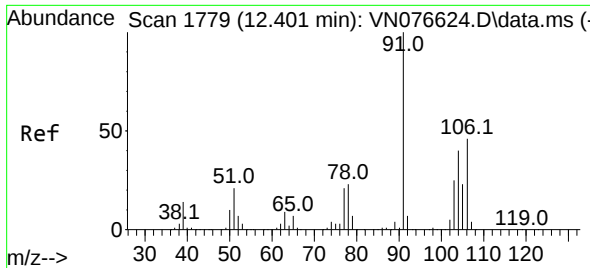


#68
m/p-Xylenes
Concen: 40.683 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



Tgt Ion:106 Resp: 257149
Ion Ratio Lower Upper
106 100
91 197.4 154.7 232.1





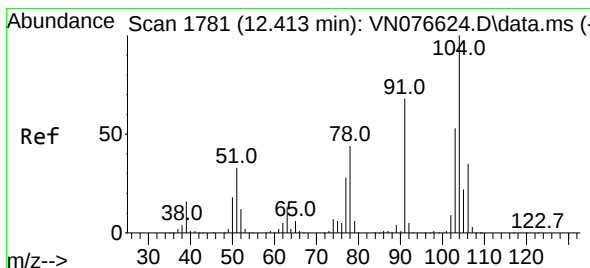
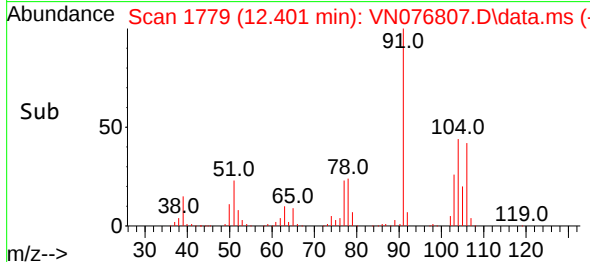
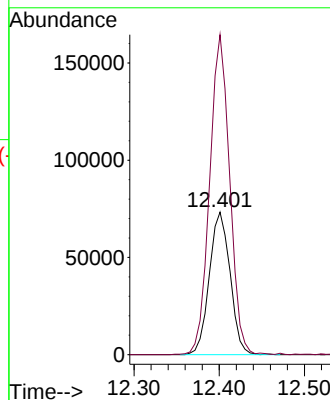
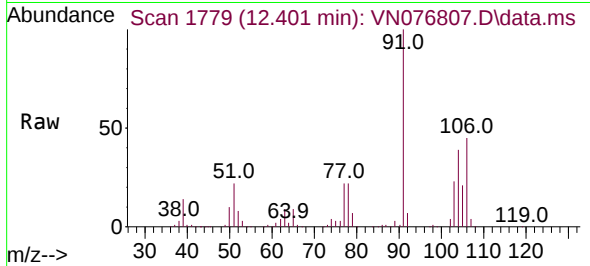
#69
o-Xylene
Concen: 20.124 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion:106 Resp: 124058
Ion Ratio Lower Upper
106 100
91 217.2 105.8 317.4

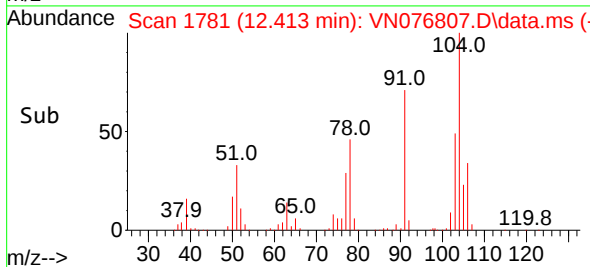
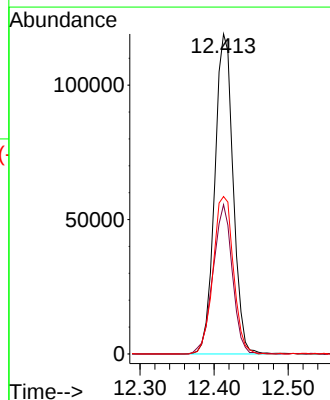
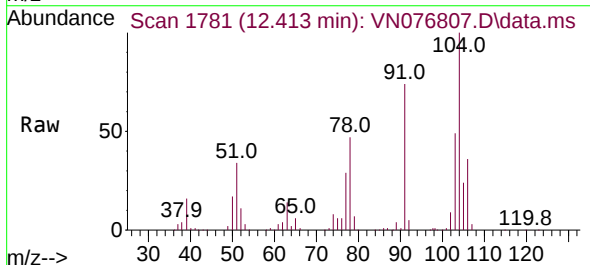
Manual Integrations
APPROVED

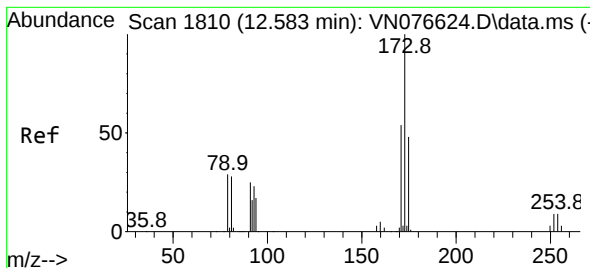
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#70
Styrene
Concen: 20.561 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion:104 Resp: 204969
Ion Ratio Lower Upper
104 100
78 49.0 38.2 57.4
103 54.5 44.2 66.4





#71

Bromoform

Concen: 18.762 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

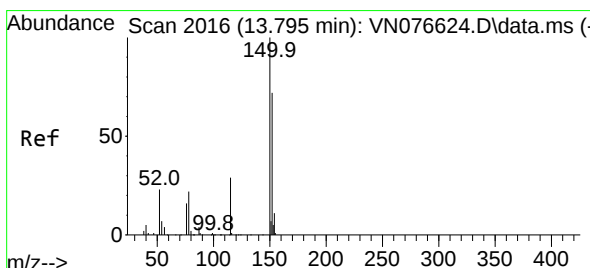
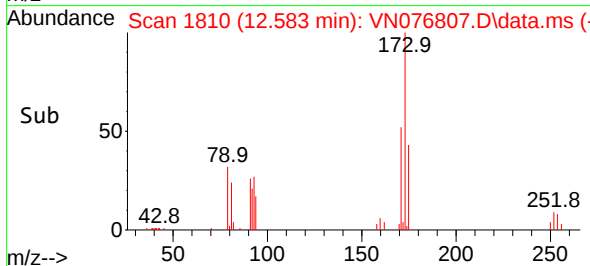
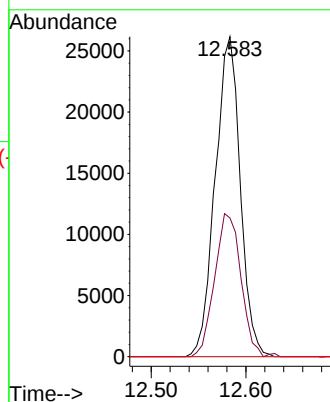
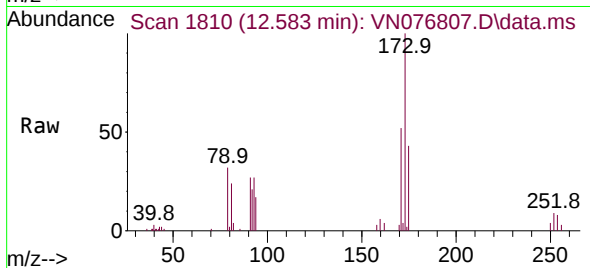
Tgt Ion:173 Resp: 48114
 Ion Ratio Lower Upper
 173 100
 175 47.0 24.9 74.7
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

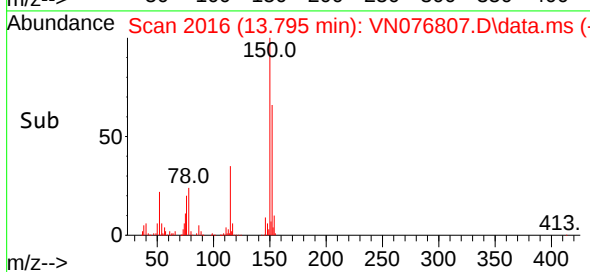
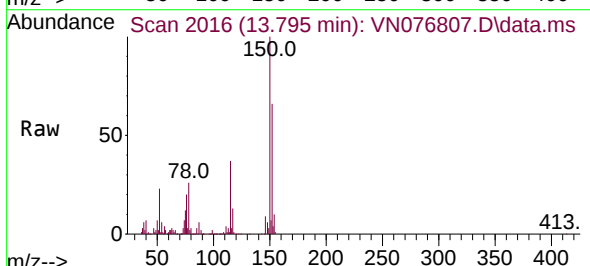
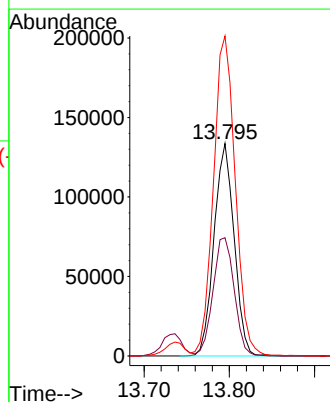
RT: 13.795 min Scan# 2016

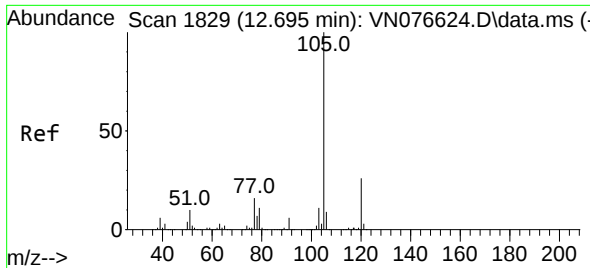
Delta R.T. -0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

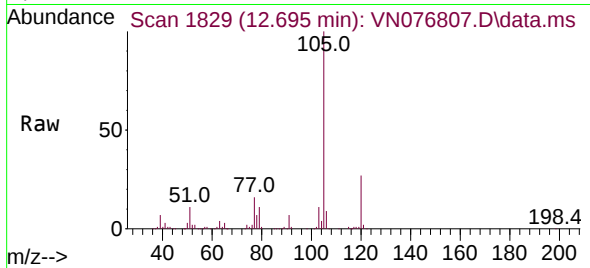
Tgt Ion:152 Resp: 219615
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.3 87.9
 150 163.4 0.0 349.8





#73
Isopropylbenzene
Concen: 20.159 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

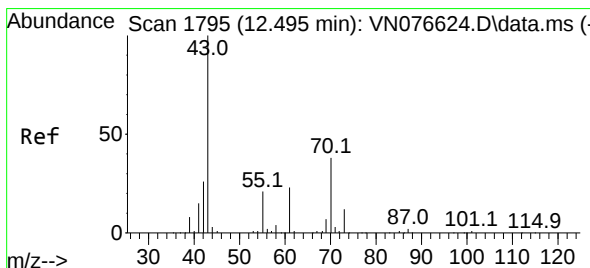
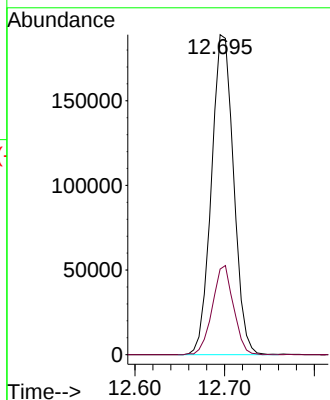
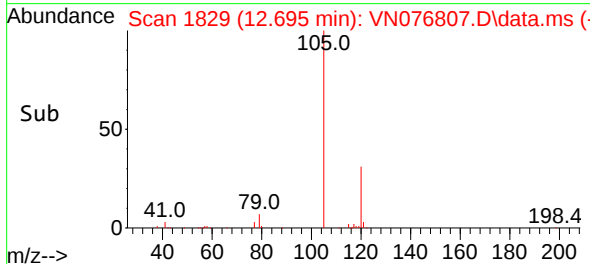
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



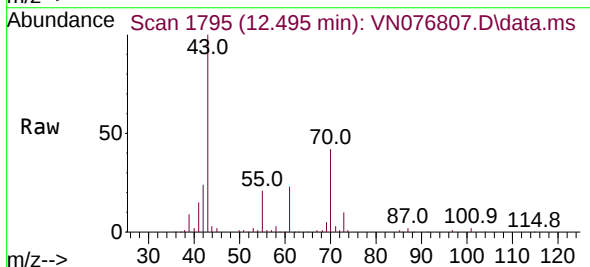
Tgt Ion:105 Resp: 32450
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0

Manual Integrations
APPROVED

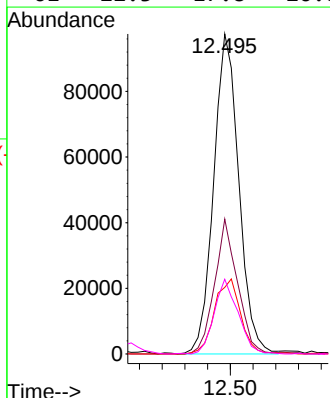
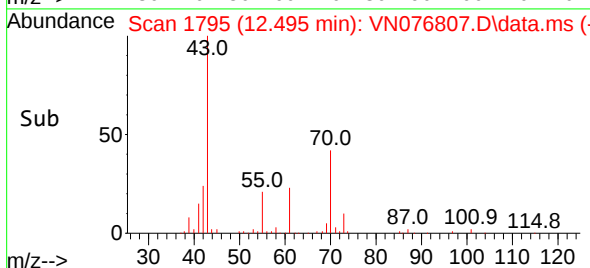
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

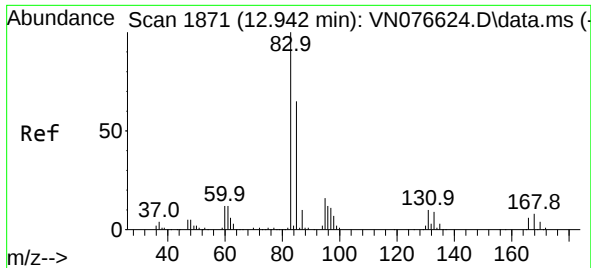


#74
N-ethyl acetate
Concen: 20.700 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



Tgt Ion: 43 Resp: 150194
Ion Ratio Lower Upper
43 100
70 38.3 30.5 45.7
55 24.5 17.8 26.8
61 22.3 17.8 26.8





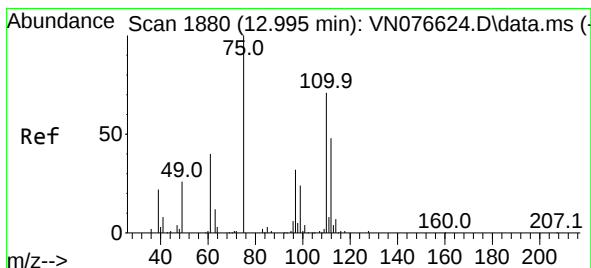
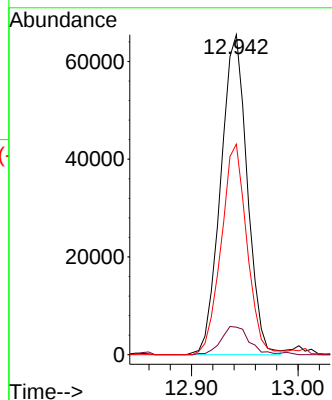
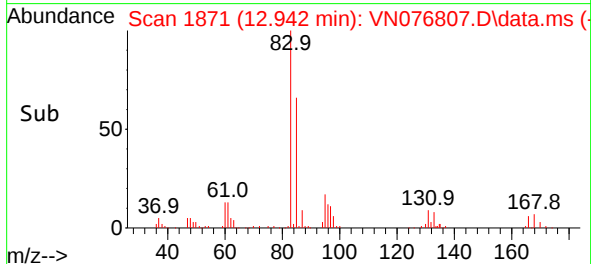
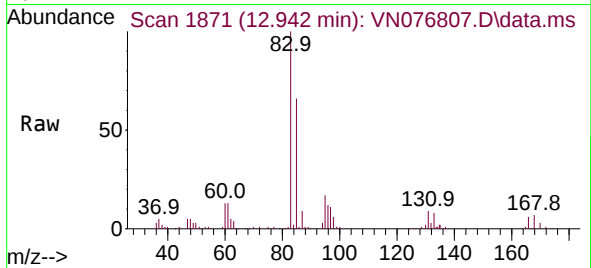
#75
1,1,2,2-Tetrachloroethane
Concen: 19.404 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion: 83 Resp: 11306
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 64.0 31.8 95.3

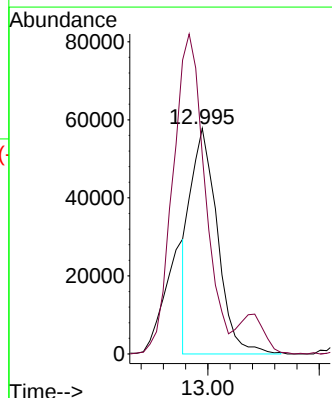
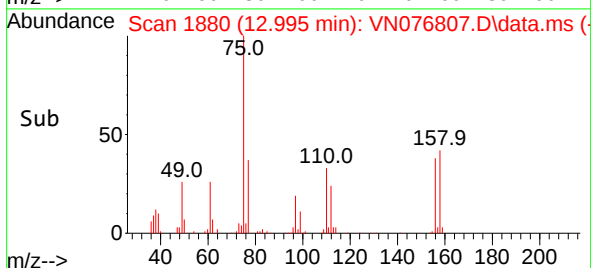
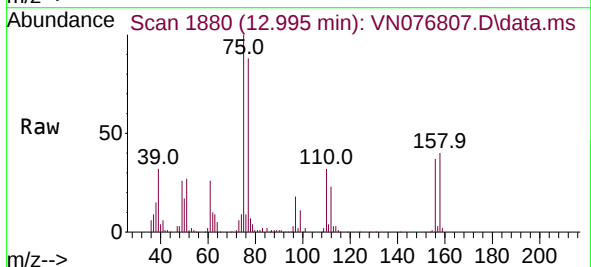
Manual Integrations
APPROVED

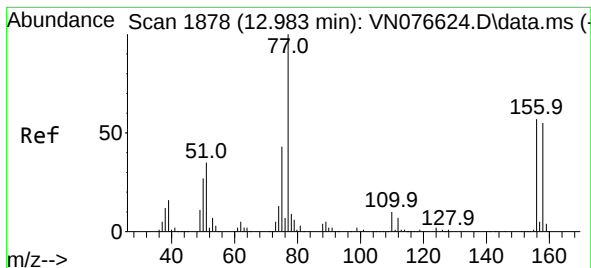
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#76
1,2,3-Trichloropropane
Concen: 21.946 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 75 Resp: 97441
Ion Ratio Lower Upper
75 100
77 167.5 93.1 279.3





#77

Bromobenzene

Concen: 17.955 ug/l

RT: 12.977 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

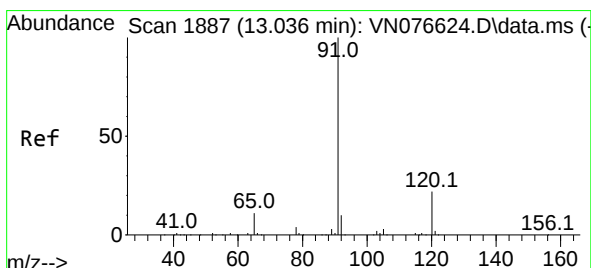
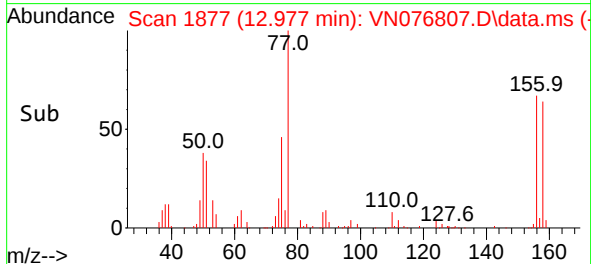
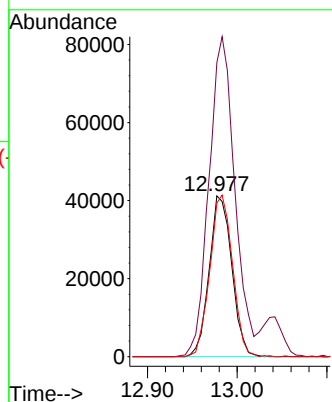
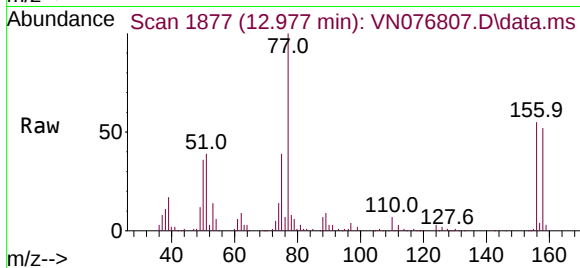
Tgt Ion:156 Resp: 72109
 Ion Ratio Lower Upper
 156 100
 77 226.3 102.8 308.4
 158 100.9 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#78

n-propylbenzene

Concen: 20.097 ug/l

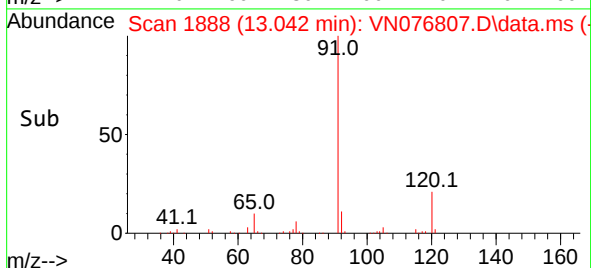
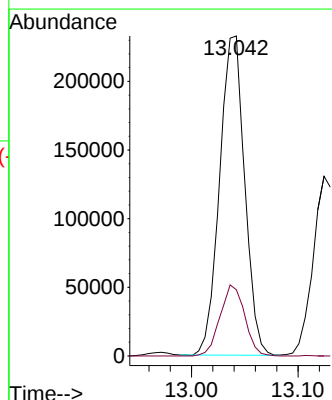
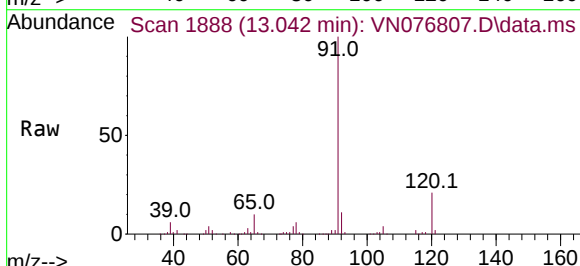
RT: 13.042 min Scan# 1888

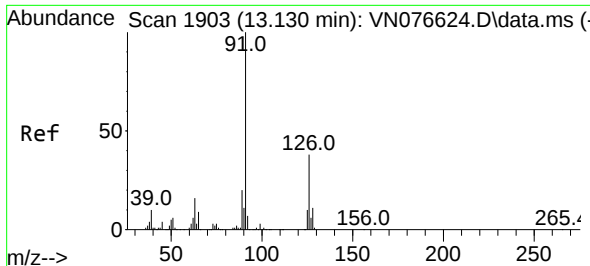
Delta R.T. 0.006 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Tgt Ion: 91 Resp: 379883
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.5 34.5





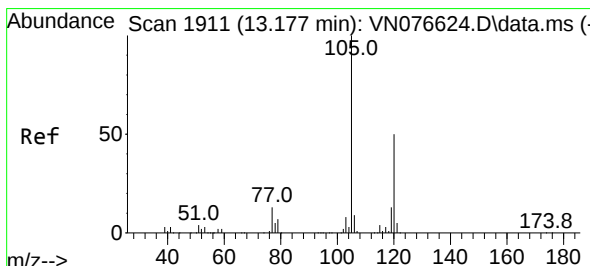
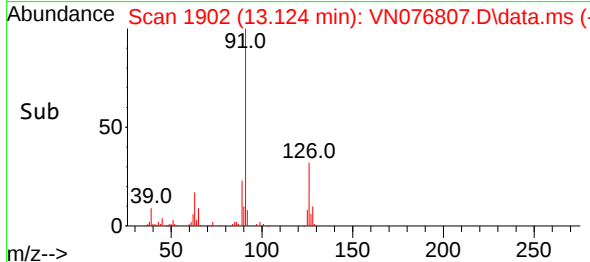
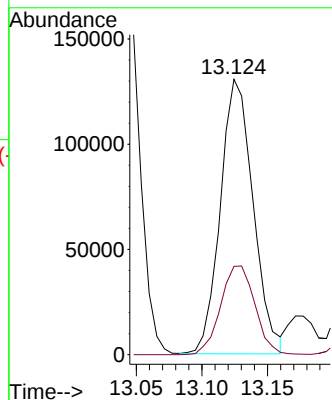
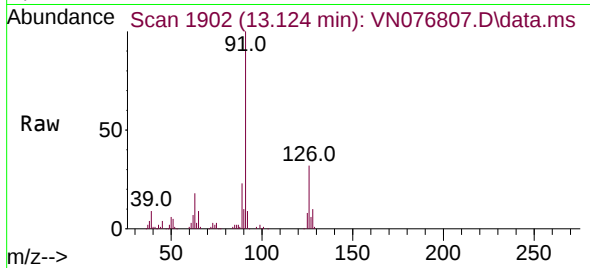
#79
2-Chlorotoluene
Concen: 19.610 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion: 91 Resp: 22695
Ion Ratio Lower Upper
91 100
126 33.9 17.7 53.1

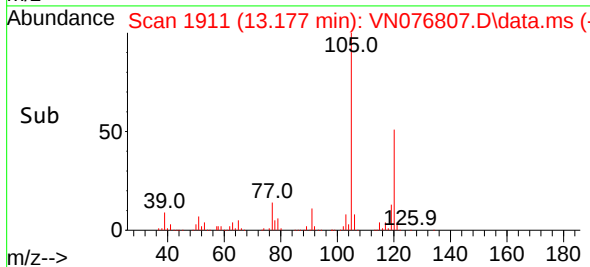
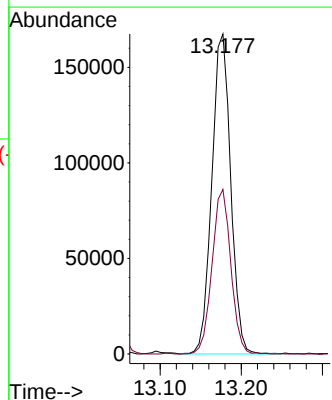
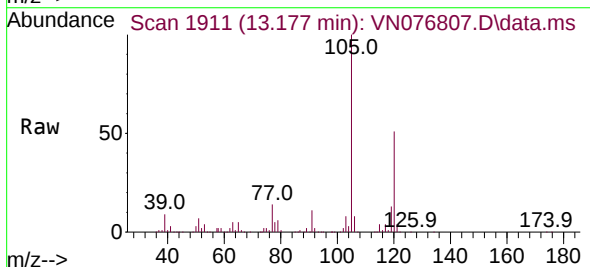
Manual Integrations
APPROVED

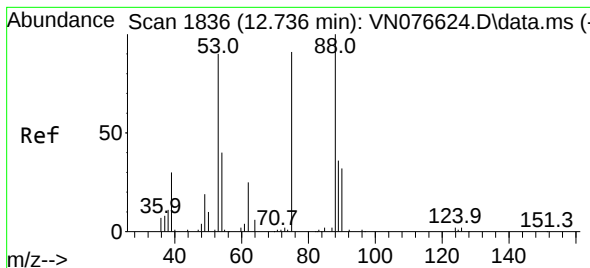
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.320 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

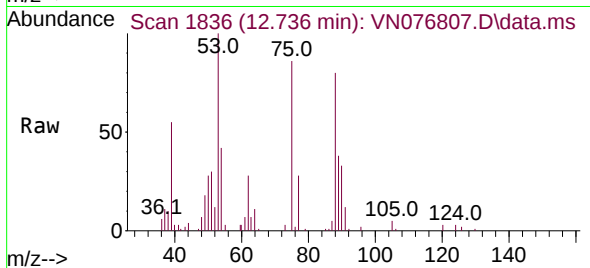
Tgt Ion:105 Resp: 270320
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.134 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

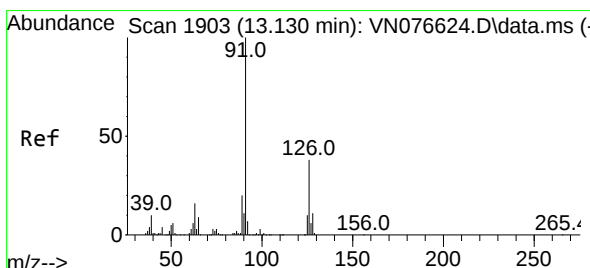
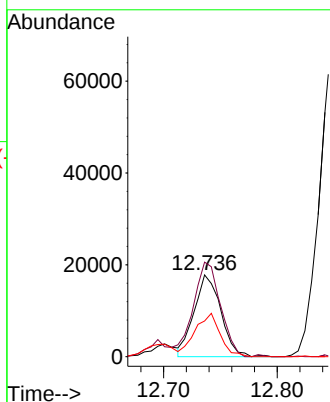
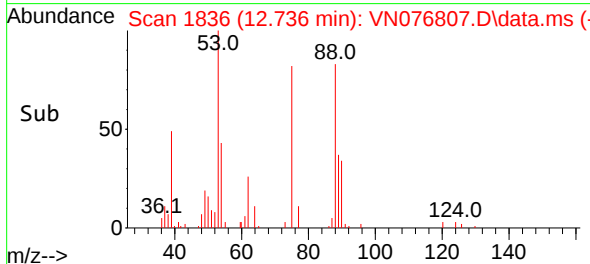
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



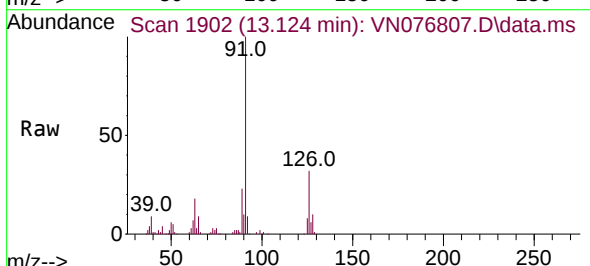
Tgt Ion: 75 Resp: 29169
Ion Ratio Lower Upper
75 100
53 118.1 92.1 138.1
89 49.9 37.5 56.3

Manual Integrations
APPROVED

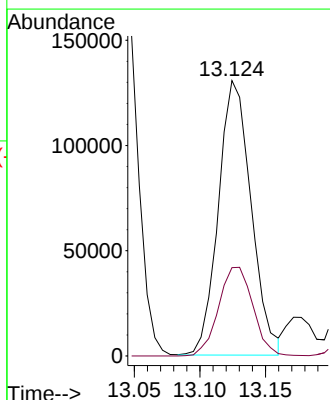
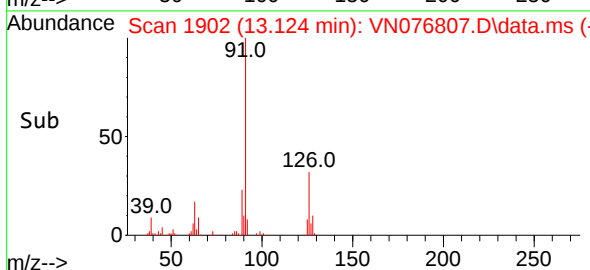
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

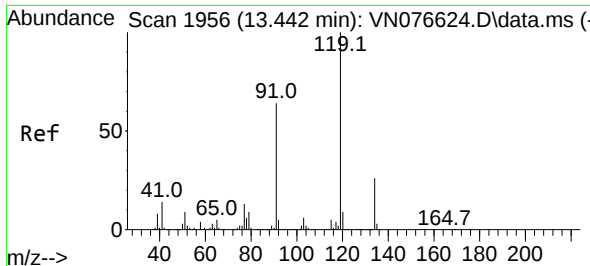


#82
4-Chlorotoluene
Concen: 19.610 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



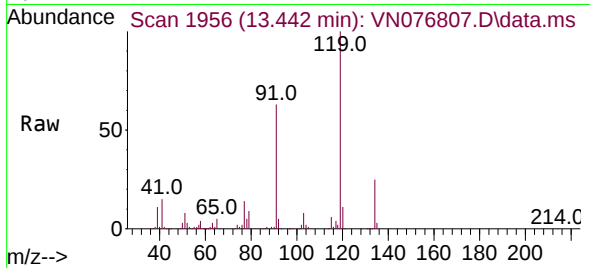
Tgt Ion: 91 Resp: 226957
Ion Ratio Lower Upper
91 100
126 33.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 20.013 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

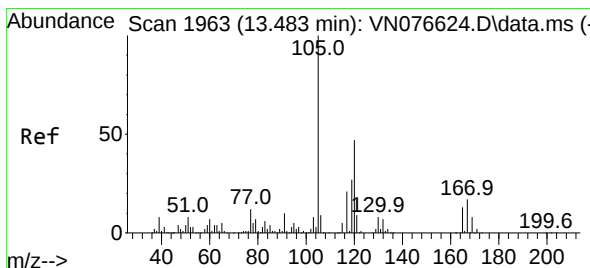
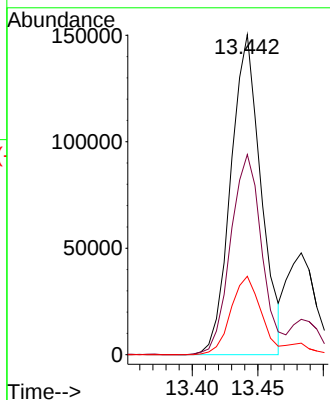
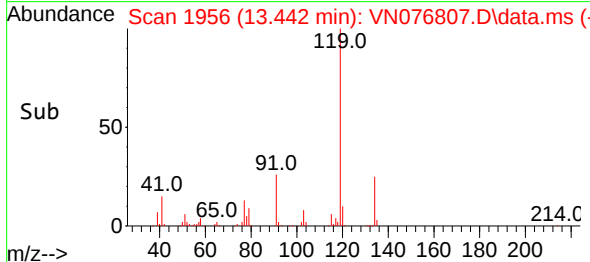
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



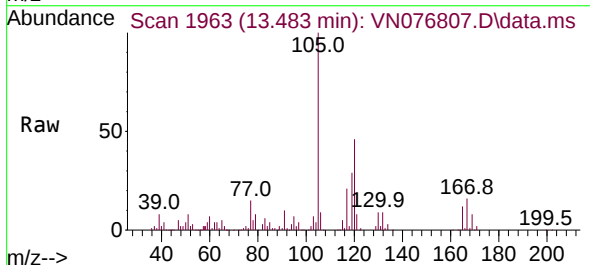
Tgt Ion:119 Resp: 24084
Ion Ratio Lower Upper
119 100
91 65.3 32.0 96.2
134 25.0 13.8 41.4

Manual Integrations
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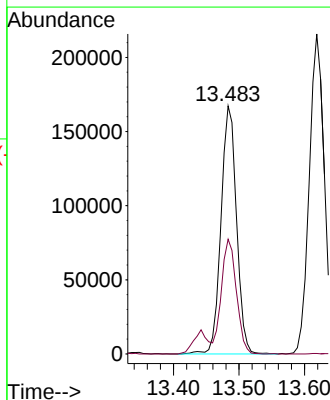
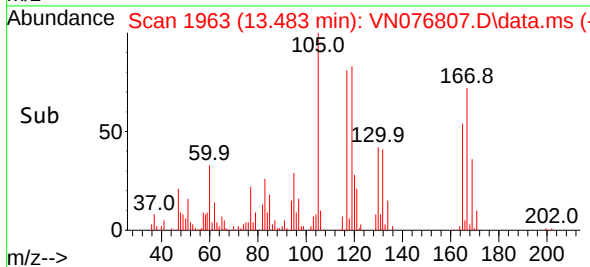
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

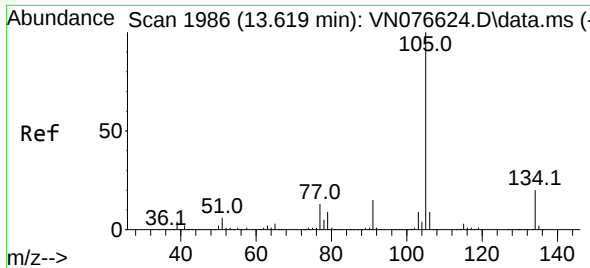


#84
1,2,4-Trimethylbenzene
Concen: 20.665 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



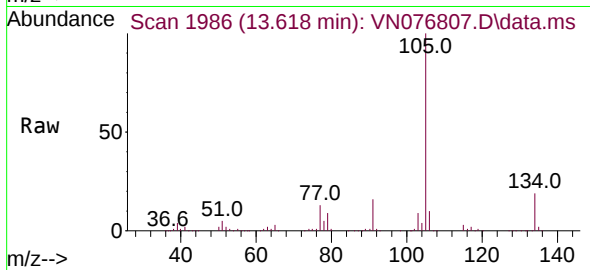
Tgt Ion:105 Resp: 273981
Ion Ratio Lower Upper
105 100
120 44.5 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 20.541 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076807.D
 Acq: 24 Feb 2023 14:14

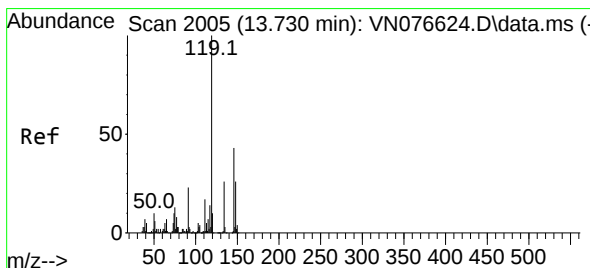
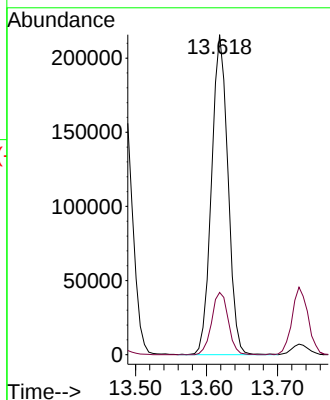
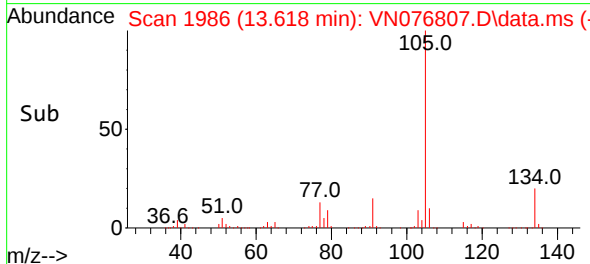
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224MBS01



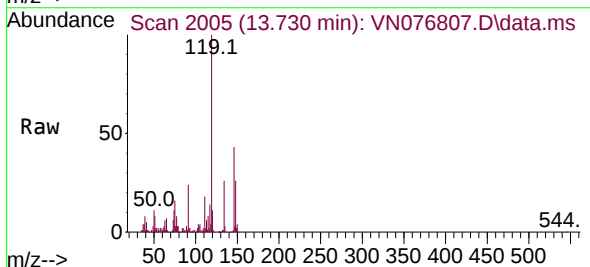
Tgt Ion:105 Resp: 34512
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.5 31.5

Manual Integrations
 APPROVED

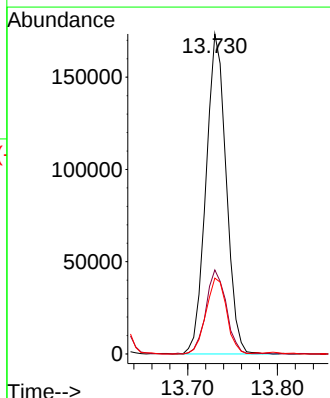
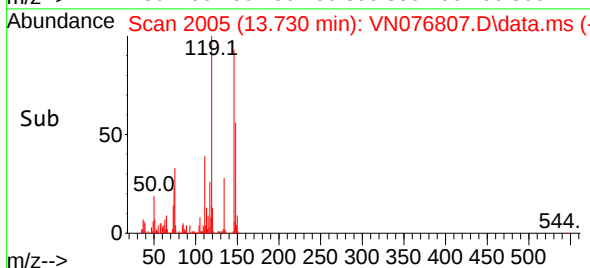
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

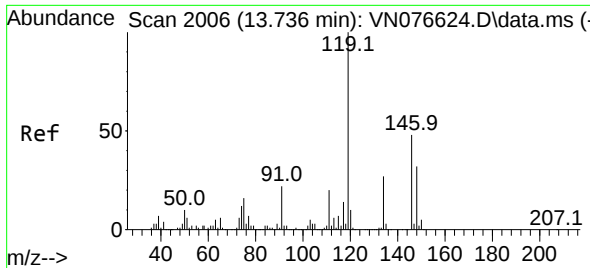


#86
 p-Isopropyltoluene
 Concen: 20.217 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076807.D
 Acq: 24 Feb 2023 14:14



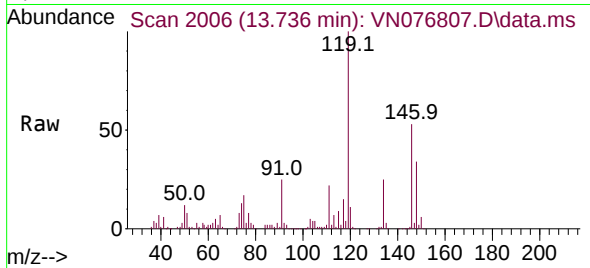
Tgt Ion:119 Resp: 271254
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 24.2 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 18.544 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN076807.D
 Acq: 24 Feb 2023 14:14

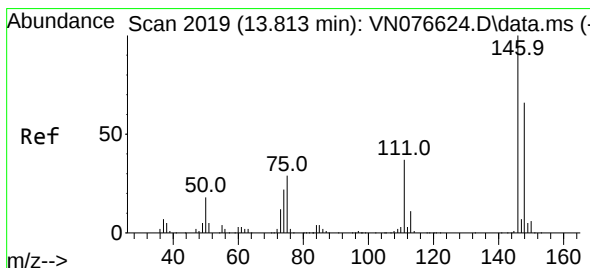
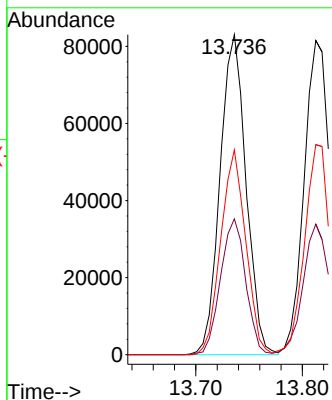
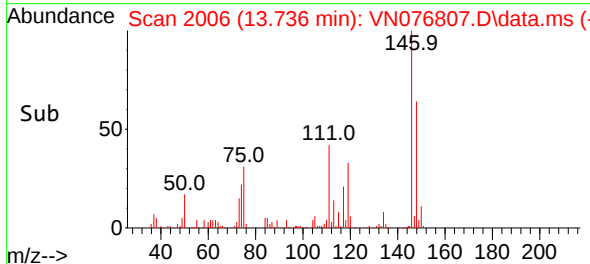
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224MBS01



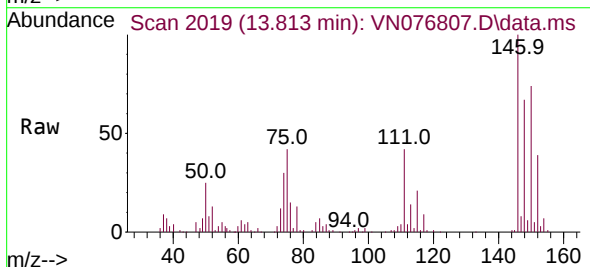
Tgt Ion:146 Resp: 140783
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.8 59.4
 148 61.4 32.0 96.2

Manual Integrations
 APPROVED

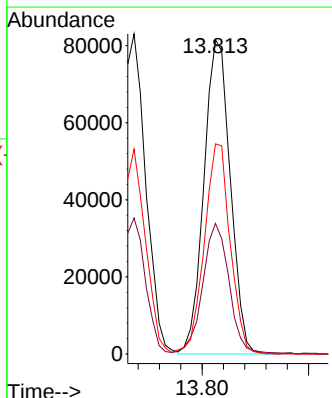
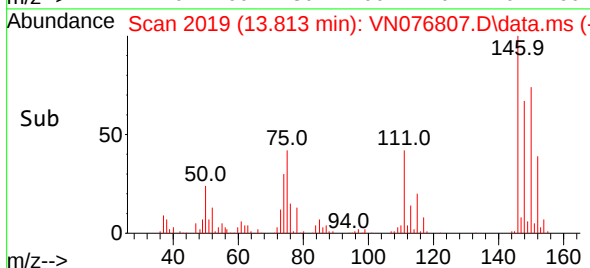
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

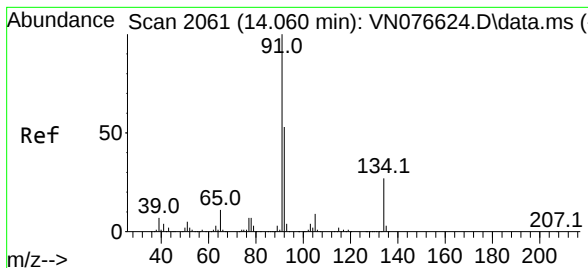


#88
 1,4-Dichlorobenzene
 Concen: 18.531 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN076807.D
 Acq: 24 Feb 2023 14:14



Tgt Ion:146 Resp: 140094
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.4 58.1
 148 65.6 32.7 98.1





#89

n-Butylbenzene

Concen: 19.600 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

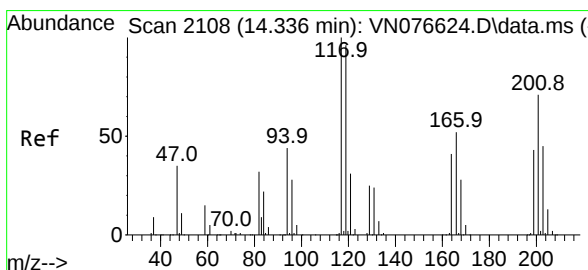
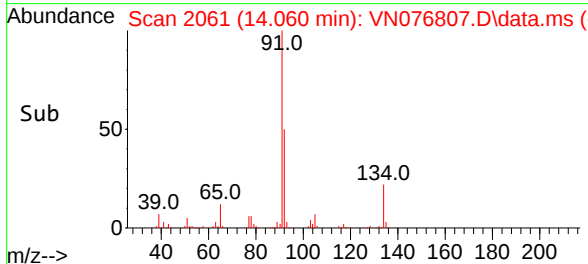
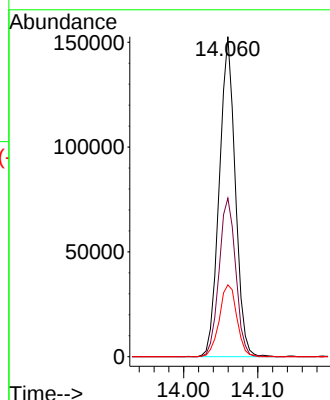
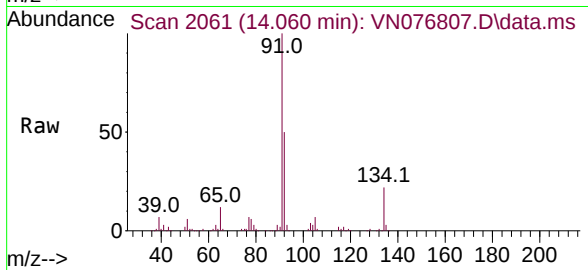
Tgt Ion:	91	Resp:	228710
Ion Ratio	Lower	Upper	
91	100		
92	51.3	26.4	79.0
134	24.6	13.2	39.5

Manual Integrations

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Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#90

Hexachloroethane

Concen: 18.414 ug/l

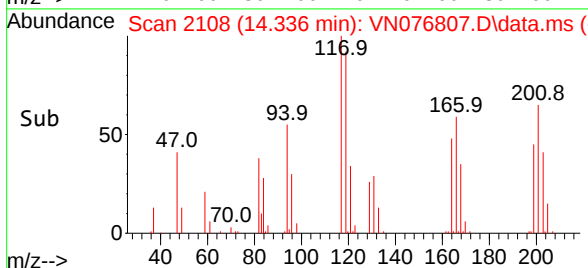
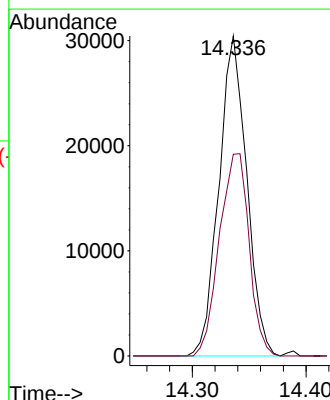
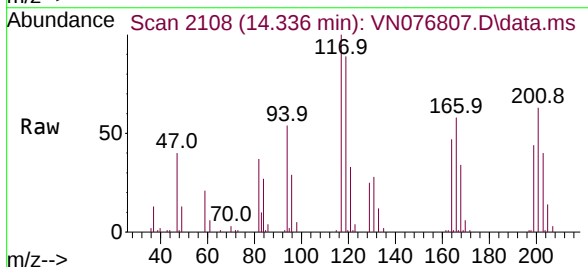
RT: 14.336 min Scan# 2108

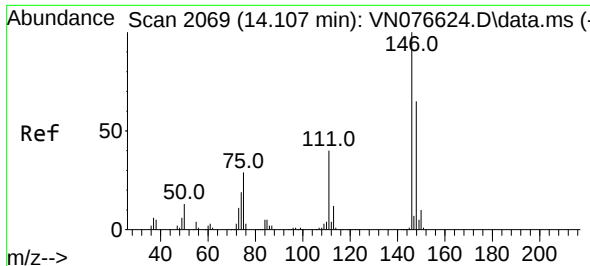
Delta R.T. 0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Tgt Ion:	117	Resp:	51730
Ion Ratio	Lower	Upper	
117	100		
201	67.4	35.5	106.7





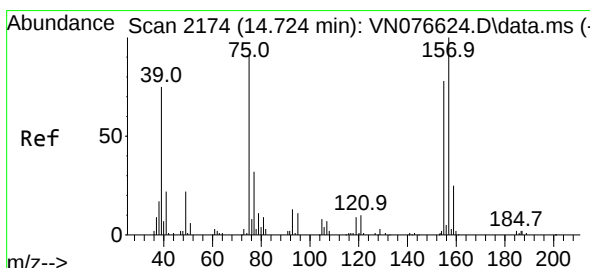
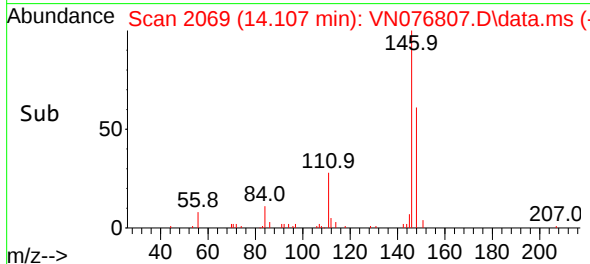
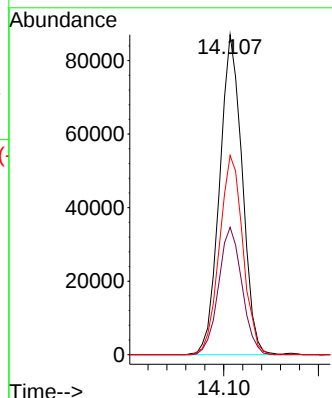
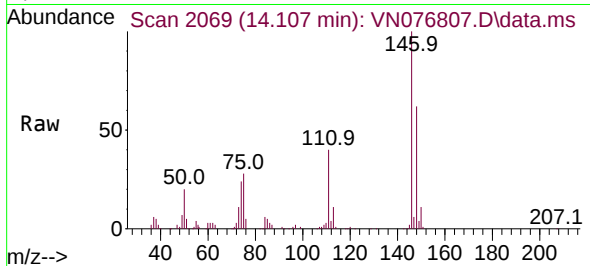
#91
1,2-Dichlorobenzene
Concen: 18.543 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01

Tgt Ion:146 Resp: 144310
Ion Ratio Lower Upper
146 100
111 41.2 20.0 59.9
148 64.8 32.4 97.2

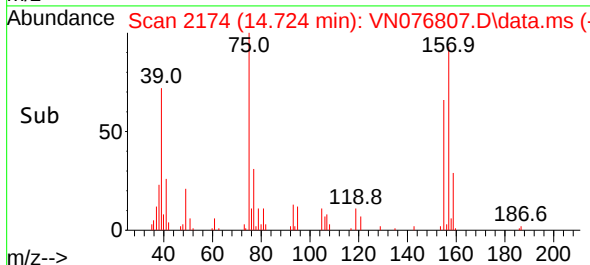
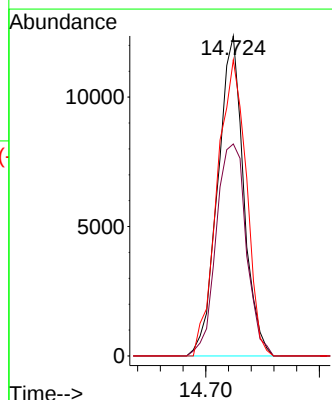
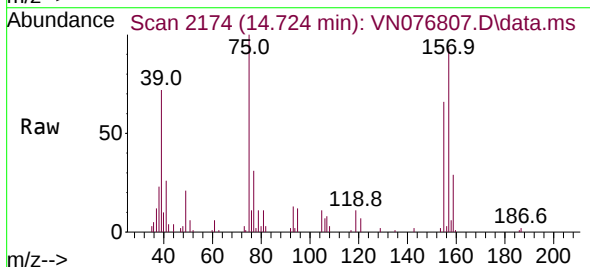
Manual Integrations
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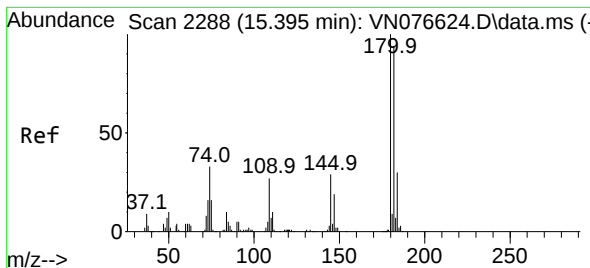
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.309 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

Tgt Ion: 75 Resp: 19540
Ion Ratio Lower Upper
75 100
155 77.0 43.4 130.2
157 103.8 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 16.276 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Instrument :

MSVOA_N

ClientSampleId :

VN0224MBS01

Tgt Ion:180 Resp: 6318

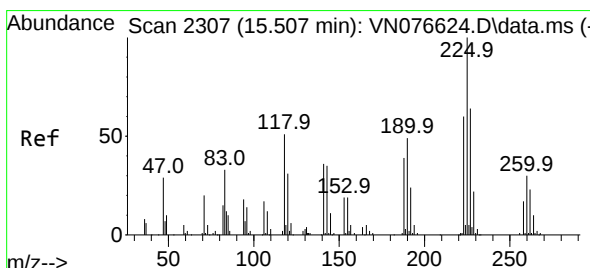
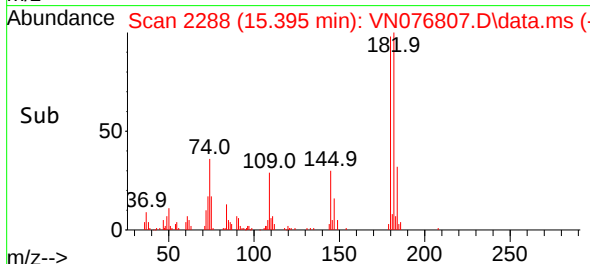
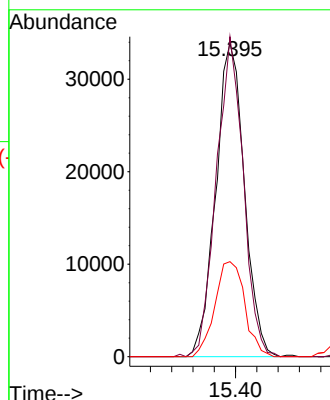
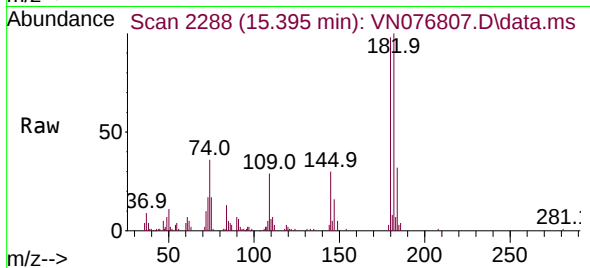
Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.0
145	31.6	15.2	45.6

Manual Integrations

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Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#94

Hexachlorobutadiene

Concen: 16.546 ug/l

RT: 15.501 min Scan# 2306

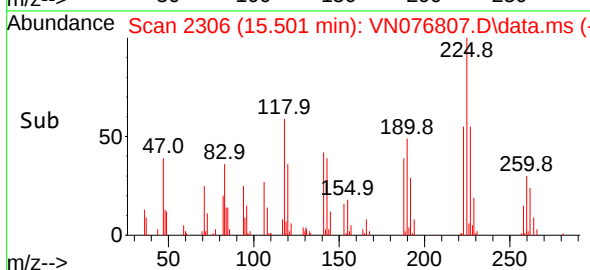
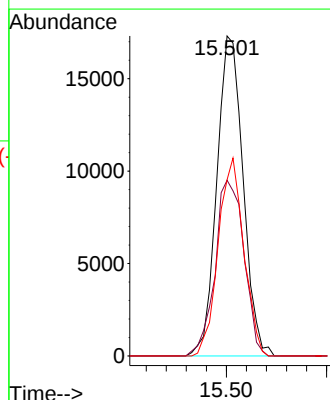
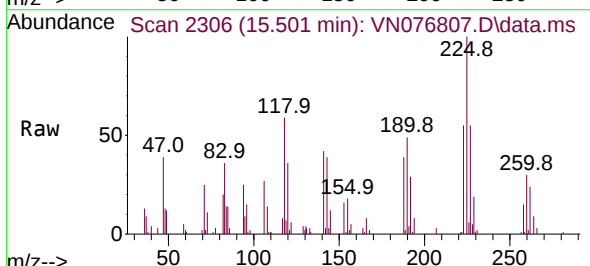
Delta R.T. -0.006 min

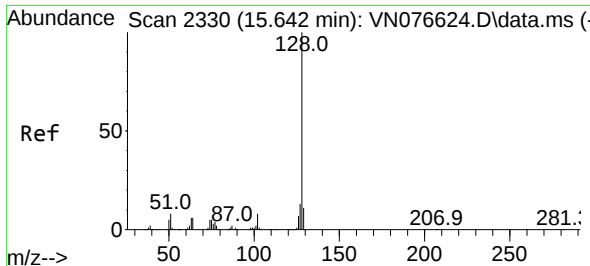
Lab File: VN076807.D

Acq: 24 Feb 2023 14:14

Tgt Ion:225 Resp: 31484

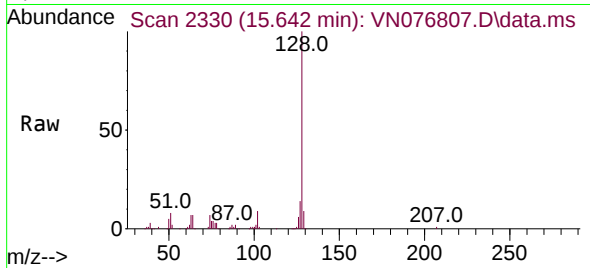
Ion	Ratio	Lower	Upper
225	100		
223	60.3	31.6	95.0
227	60.2	31.3	93.9





#95
Naphthalene
Concen: 17.466 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14

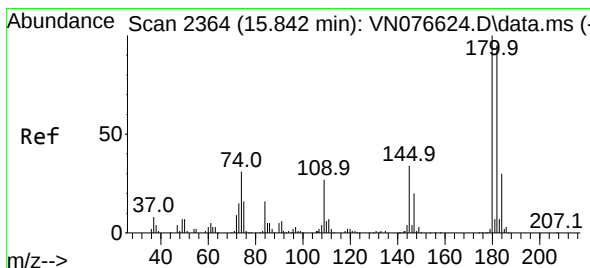
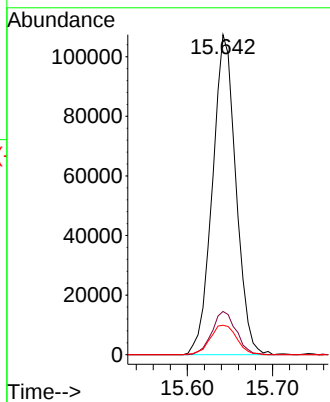
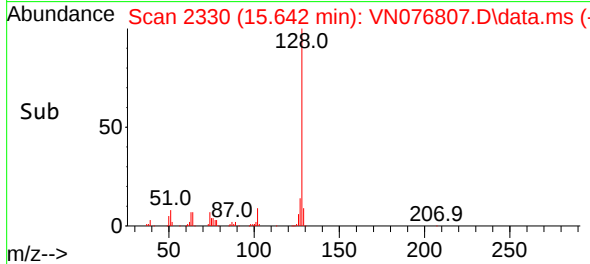
Instrument :
MSVOA_N
ClientSampleId :
VN0224MBS01



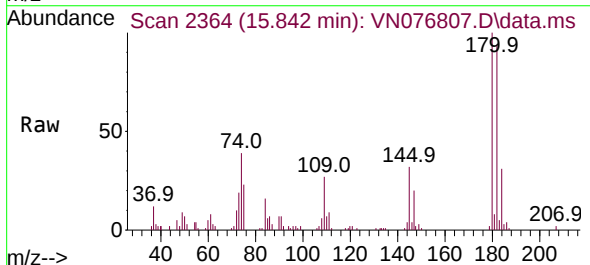
Tgt Ion:128 Resp: 205774
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.669 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076807.D
Acq: 24 Feb 2023 14:14



Tgt Ion:180 Resp: 62698
Ion Ratio Lower Upper
180 100
182 96.4 46.7 140.1
145 31.1 16.0 47.9

