

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076817.D
 Acq On : 27 Feb 2023 11:03
 Operator : JC\MD
 Sample : VN0227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:50:04 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

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	253942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	463259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	427206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	205575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	199438	56.876	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.760%
35) Dibromofluoromethane	8.172	113	150949	49.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.566	98	599242	52.890	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.854	95	201414	53.675	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.340%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	49607	18.397	ug/l	99
3) Chloromethane	2.378	50	61599	17.510	ug/l	97
4) Vinyl Chloride	2.525	62	61752	17.835	ug/l	96
5) Bromomethane	2.960	94	45478	21.678	ug/l	99
6) Chloroethane	3.125	64	44548	20.359	ug/l	90
7) Trichlorofluoromethane	3.507	101	90415	19.193	ug/l	98
8) Diethyl Ether	3.978	74	36757	20.249	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	55391	20.011	ug/l	96
10) Methyl Iodide	4.601	142	61778	18.072	ug/l	97
11) Tert butyl alcohol	5.543	59	49561	107.077	ug/l	100
12) 1,1-Dichloroethene	4.360	96	48250	18.408	ug/l	97
13) Acrolein	4.190	56	65173	93.789	ug/l	99
14) Allyl chloride	5.043	41	87364	19.236	ug/l	98
15) Acrylonitrile	5.731	53	170123	103.567	ug/l	97
16) Acetone	4.443	43	178780	114.139	ug/l	93
17) Carbon Disulfide	4.725	76	114064	16.482	ug/l	99
18) Methyl Acetate	5.031	43	108297	21.182	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	185183	20.955	ug/l	99
20) Methylene Chloride	5.284	84	64565	19.668	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	52037	17.636	ug/l	92
22) Diisopropyl ether	6.678	45	226154	21.230	ug/l #	89
23) Vinyl Acetate	6.613	43	712040	112.975	ug/l	96
24) 1,1-Dichloroethane	6.578	63	118731	20.337	ug/l	96
25) 2-Butanone	7.495	43	249799	108.116	ug/l	100
26) 2,2-Dichloropropane	7.501	77	88698	21.064	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	65286	18.655	ug/l	89
28) Bromochloromethane	7.819	49	61065	21.977	ug/l	87
29) Tetrahydrofuran	7.842	42	163792	108.504	ug/l	98
30) Chloroform	7.972	83	119400	20.470	ug/l	91
31) Cyclohexane	8.266	56	104296	18.961	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	94400	19.248	ug/l	96
36) 1,1-Dichloropropene	8.378	75	84834	19.354	ug/l	99
37) Ethyl Acetate	7.566	43	97527	21.147	ug/l	97
38) Carbon Tetrachloride	8.366	117	82666	18.695	ug/l	91
39) Methylcyclohexane	9.607	83	95606	19.188	ug/l	95
40) Benzene	8.613	78	260522	19.354	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	51557	19.297	ug/l	89
42) 1,2-Dichloroethane	8.672	62	94070	20.037	ug/l	96
43) Isopropyl Acetate	8.695	43	160143	21.340	ug/l	97
44) Trichloroethene	9.354	130	59650	18.752	ug/l	99
45) 1,2-Dichloropropane	9.625	63	72850	20.444	ug/l	100
46) Dibromomethane	9.713	93	45129	19.810	ug/l	95
47) Bromodichloromethane	9.889	83	90156	19.739	ug/l	94
48) Methyl methacrylate	9.689	41	72486	20.355	ug/l	98
49) 1,4-Dioxane	9.695	88	24381	395.794	ug/l	92
51) 4-Methyl-2-Pentanone	10.448	43	520624	109.037	ug/l	96
52) Toluene	10.630	92	165835	20.406	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	90668	20.567	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	103559	20.366	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	68848	20.834	ug/l	92
56) Ethyl methacrylate	10.877	69	95243	20.475	ug/l #	90
57) 1,3-Dichloropropane	11.166	76	115252	20.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	184950	86.818	ug/l	95
59) 2-Hexanone	11.201	43	380960	110.655	ug/l	98
60) Dibromochloromethane	11.360	129	64168	18.424	ug/l	99
61) 1,2-Dibromoethane	11.472	107	61938	18.725	ug/l	97
64) Tetrachloroethene	11.107	164	48386	17.973	ug/l	93
65) Chlorobenzene	11.895	112	167326	18.482	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.960	131	63956	19.448	ug/l	100
67) Ethyl Benzene	11.966	91	307749	19.952	ug/l	97
68) m/p-Xylenes	12.077	106	241455	40.612	ug/l	95
69) o-Xylene	12.401	106	119565	20.620	ug/l	97
70) Styrene	12.413	104	189845	20.247	ug/l	97
71) Bromoform	12.583	173	45240	18.755	ug/l #	93
73) Isopropylbenzene	12.701	105	306719	20.356	ug/l	98
74) N-amyl acetate	12.495	43	130870	19.269	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	103827	19.036	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	88534m	21.302	ug/l	
77) Bromobenzene	12.983	156	69321	18.439	ug/l	91
78) n-propylbenzene	13.036	91	369795	20.900	ug/l	96
79) 2-Chlorotoluene	13.130	91	220834	20.384	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	257753	20.699	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	27430	19.223	ug/l	90
82) 4-Chlorotoluene	13.130	91	220834	20.384	ug/l	97
83) tert-Butylbenzene	13.442	119	223970	19.882	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	258926	20.863	ug/l	97
85) sec-Butylbenzene	13.618	105	334753	21.284	ug/l	98
86) p-Isopropyltoluene	13.730	119	258043	20.546	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	134123	18.874	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	135509	19.148	ug/l	98
89) n-Butylbenzene	14.060	91	217962	19.954	ug/l	98
90) Hexachloroethane	14.336	117	49899	18.975	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	134971	18.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	18823	17.813	ug/l	83
93) 1,2,4-Trichlorobenzene	15.395	180	59705	16.429	ug/l	98
94) Hexachlorobutadiene	15.501	225	32328	18.150	ug/l	94
95) Naphthalene	15.648	128	191388	17.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	60520	17.189	ug/l	96

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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

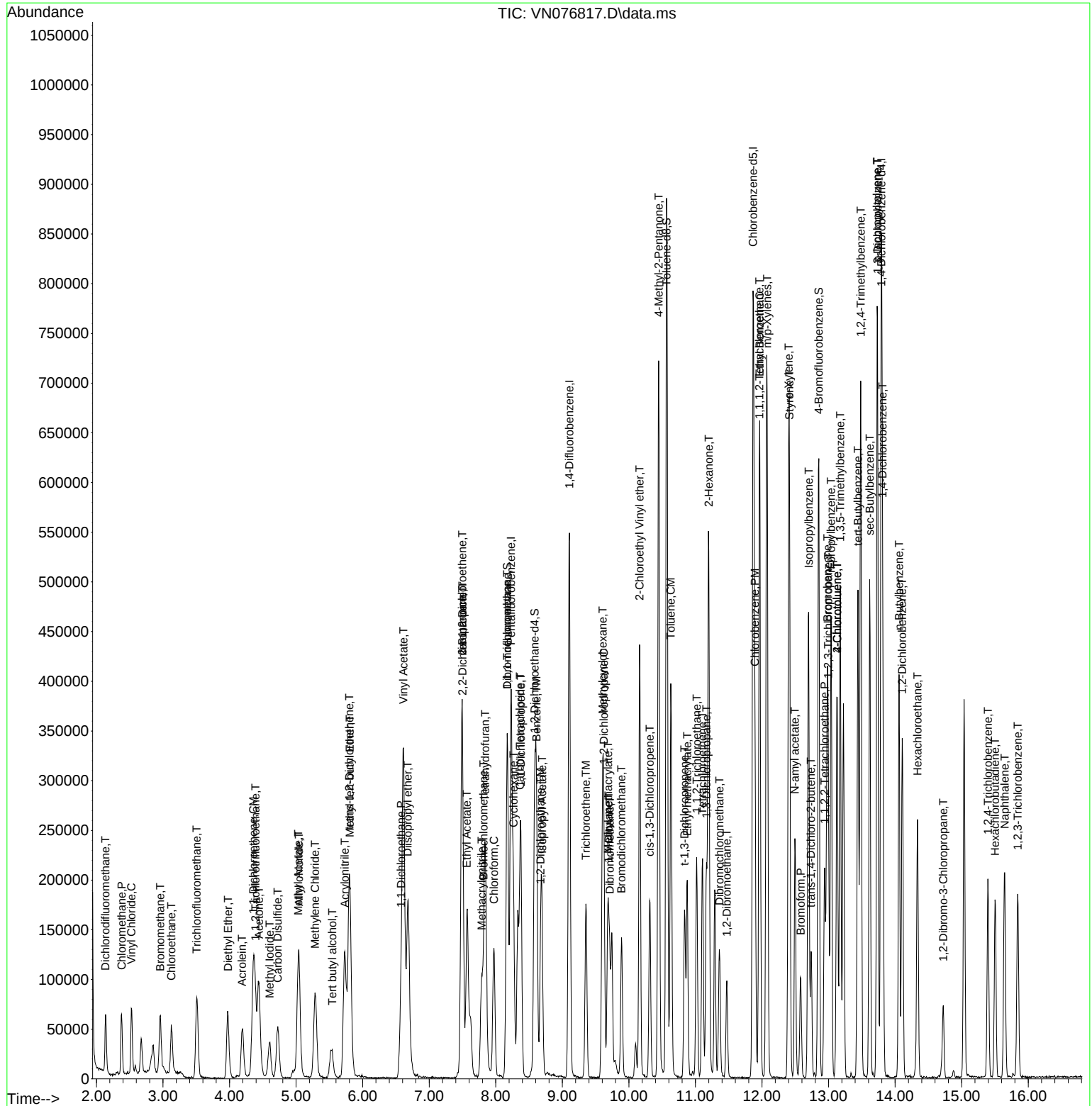
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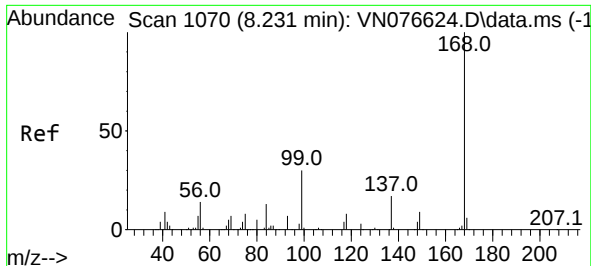
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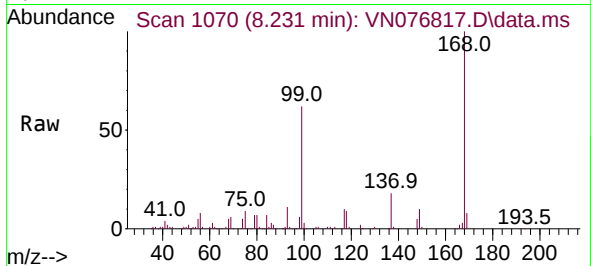
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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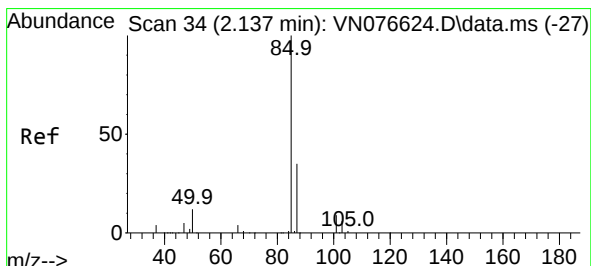
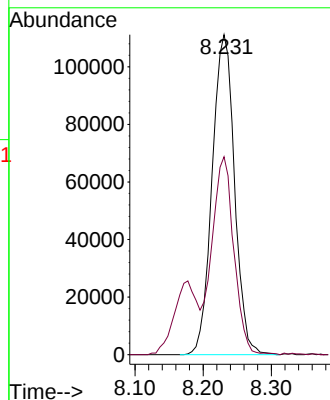
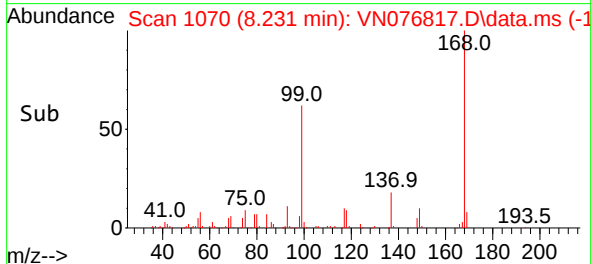
Instrument :
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Tgt Ion:168 Resp: 25394
Ion Ratio Lower Upper
168 100
99 61.8 44.8 67.2

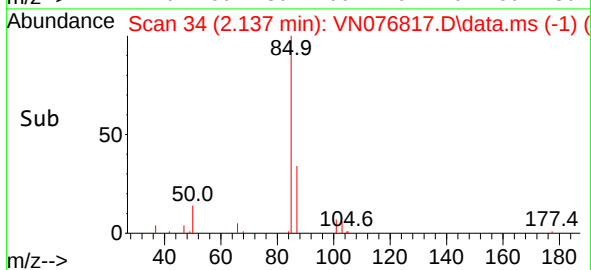
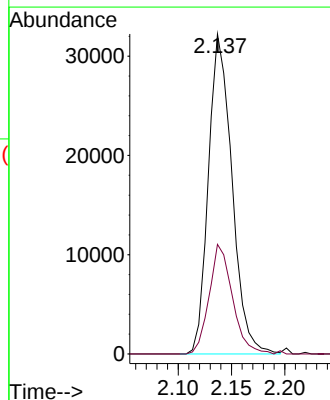
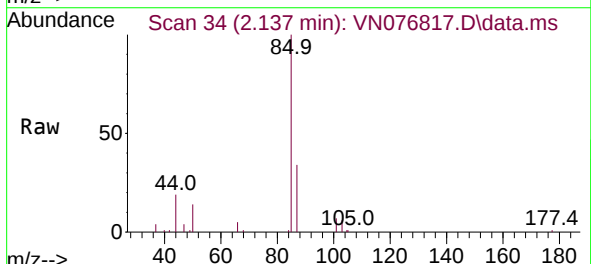
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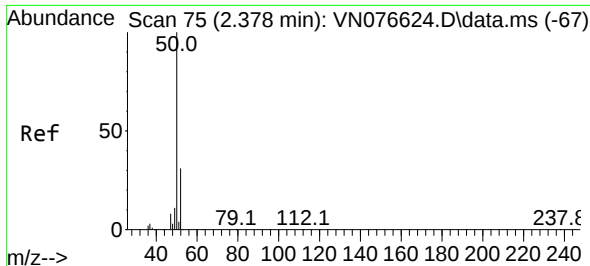
Reviewed By :John Carlone 02/28/2023
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#2
Dichlorodifluoromethane
Concen: 18.397 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

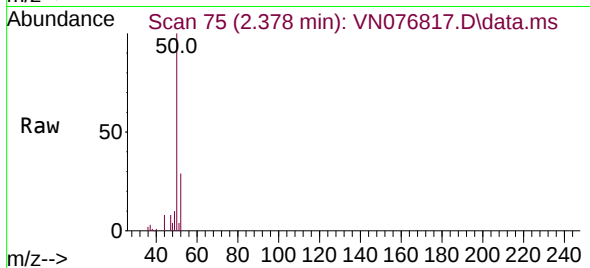
Tgt Ion: 85 Resp: 49607
Ion Ratio Lower Upper
85 100
87 34.2 17.4 52.2





#3
Chloromethane
Concen: 17.510 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

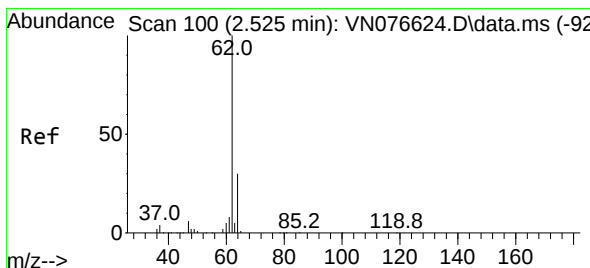
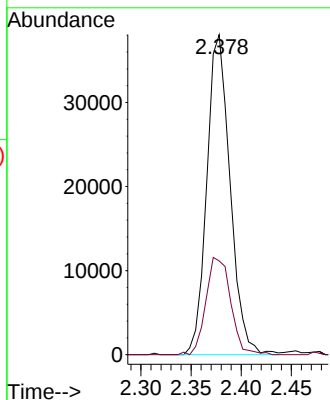
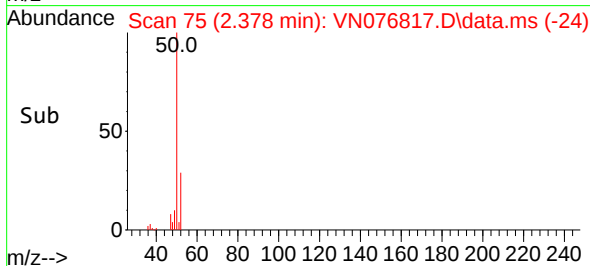
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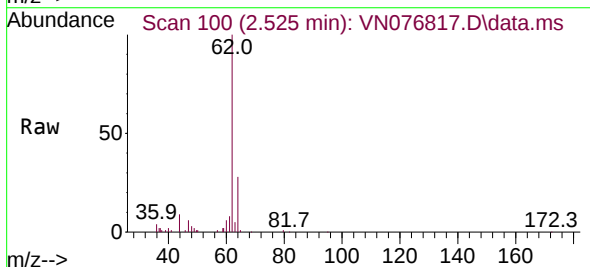
Tgt Ion: 50 Resp: 61599
Ion Ratio Lower Upper
50 100
52 29.3 24.7 37.1

Manual Integrations
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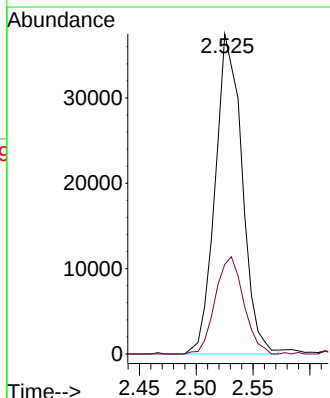
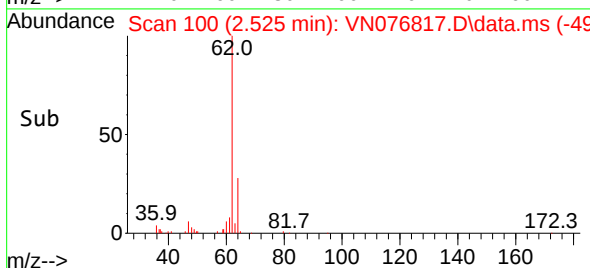
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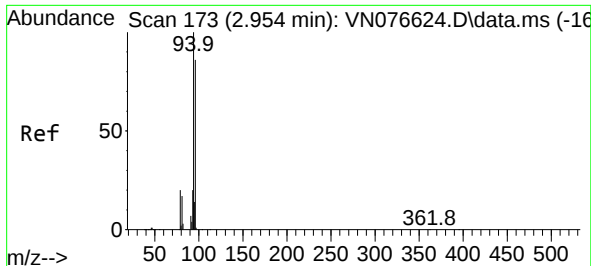


#4
Vinyl Chloride
Concen: 17.835 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076817.D
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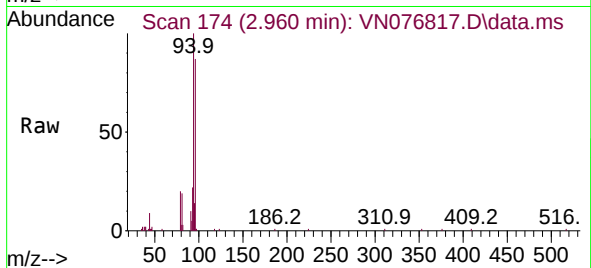
Tgt Ion: 62 Resp: 61752
Ion Ratio Lower Upper
62 100
64 28.0 23.9 35.9





#5
Bromomethane
Concen: 21.678 ug/l
RT: 2.960 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN076817.D
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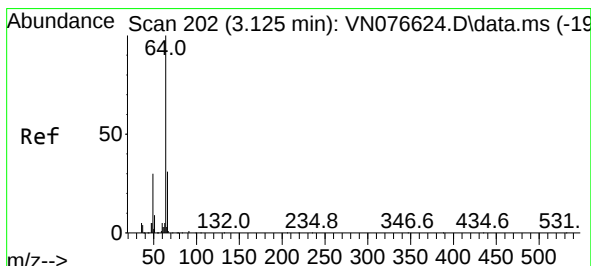
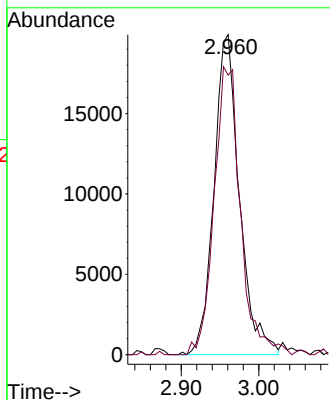
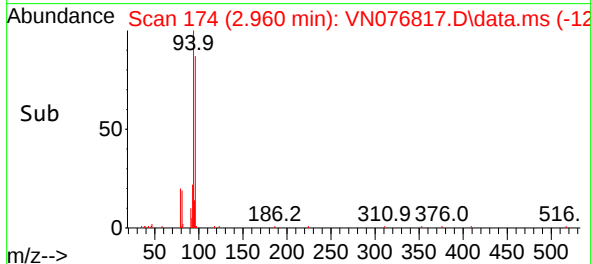
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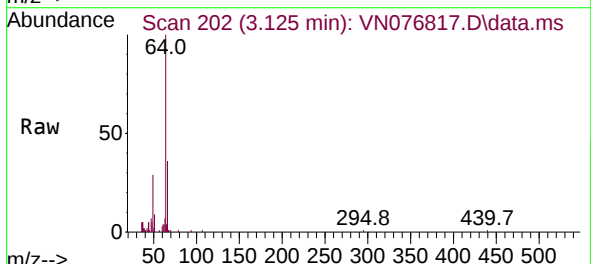
Tgt Ion: 94 Resp: 45478
Ion Ratio Lower Upper
94 100
96 87.3 69.0 103.4

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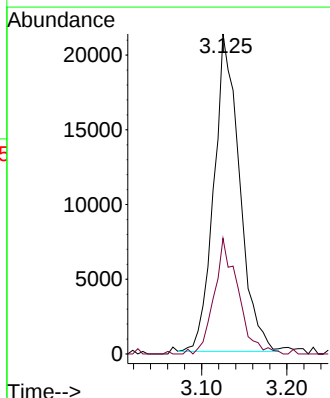
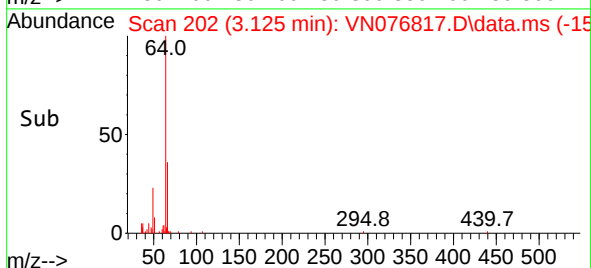
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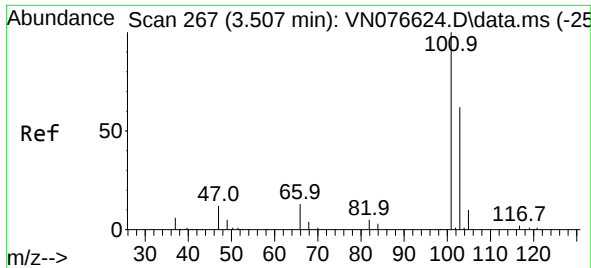


#6
Chloroethane
Concen: 20.359 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076817.D
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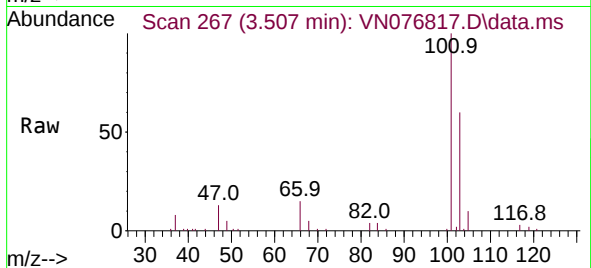
Tgt Ion: 64 Resp: 44548
Ion Ratio Lower Upper
64 100
66 36.4 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 19.193 ug/l
 RT: 3.507 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VN076817.D
 Acq: 27 Feb 2023 11:03

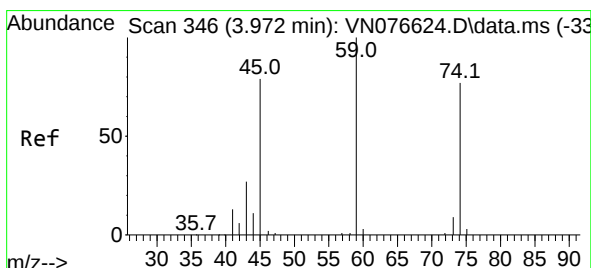
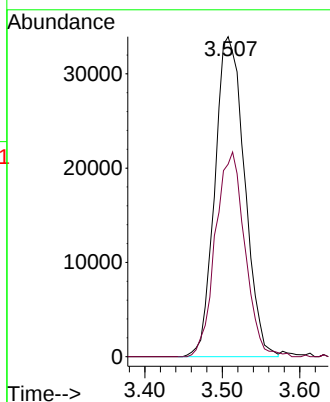
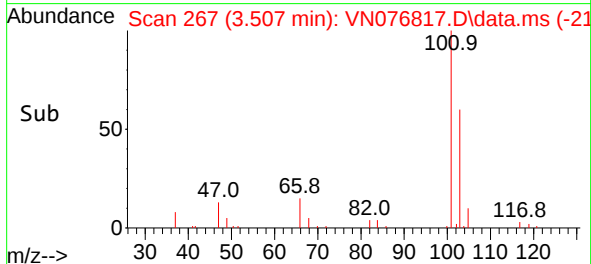
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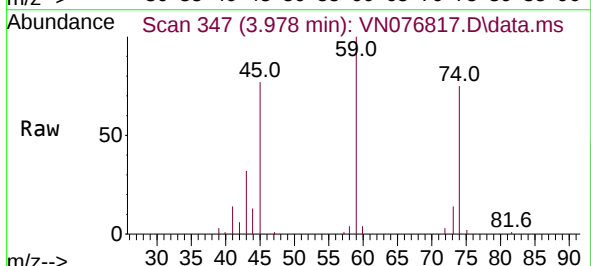
Tgt Ion:101 Resp: 90415
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.4 74.2

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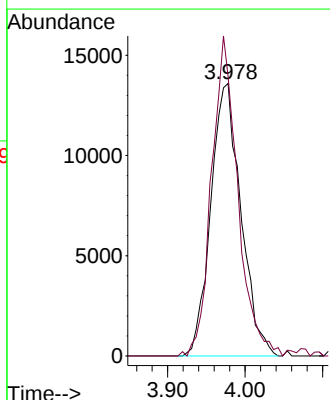
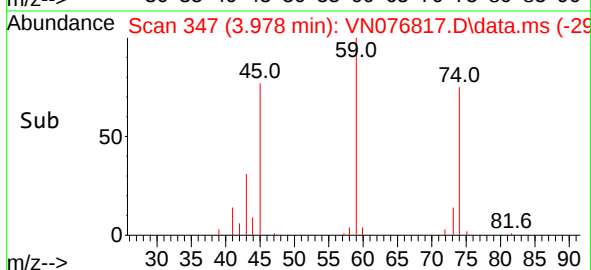
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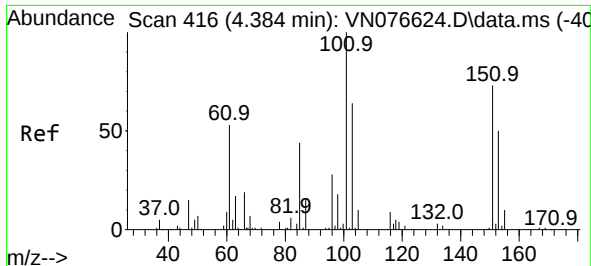


#8
 Diethyl Ether
 Concen: 20.249 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076817.D
 Acq: 27 Feb 2023 11:03



Tgt Ion: 74 Resp: 36757
 Ion Ratio Lower Upper
 74 100
 45 102.1 51.3 153.9





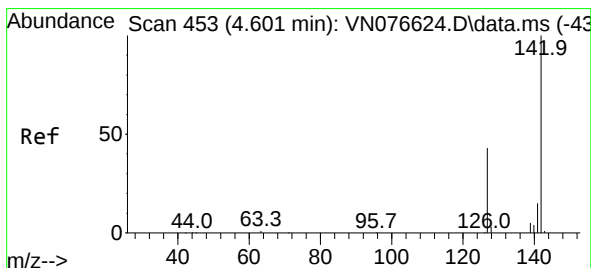
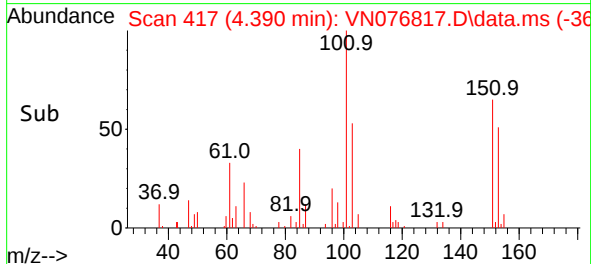
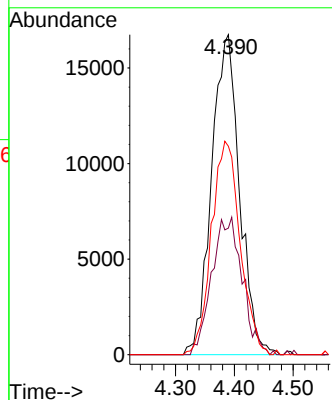
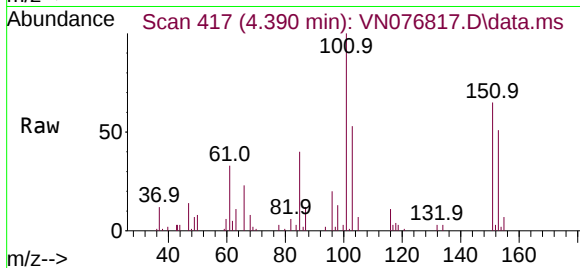
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.011 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion:101 Resp: 5539
Ion Ratio Lower Upper
101 100
85 46.8 37.4 56.0
151 68.3 58.7 88.1

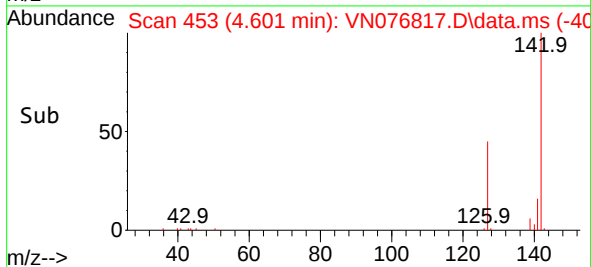
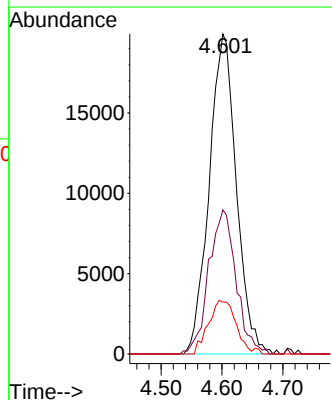
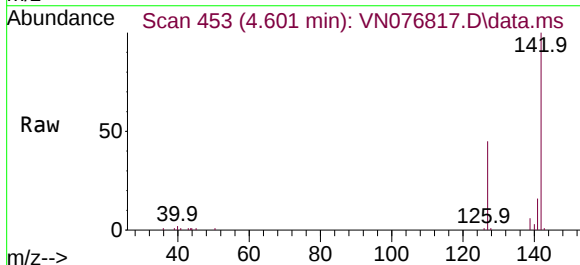
Manual Integrations
APPROVED

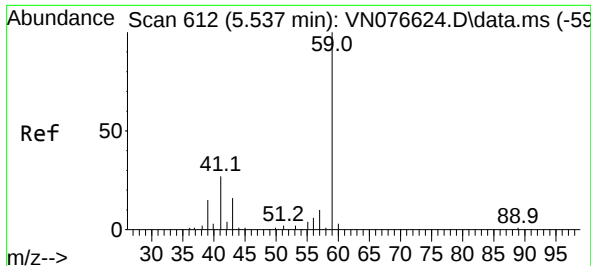
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#10
Methyl Iodide
Concen: 18.072 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion:142 Resp: 61778
Ion Ratio Lower Upper
142 100
127 45.0 34.6 51.8
141 16.2 11.7 17.5





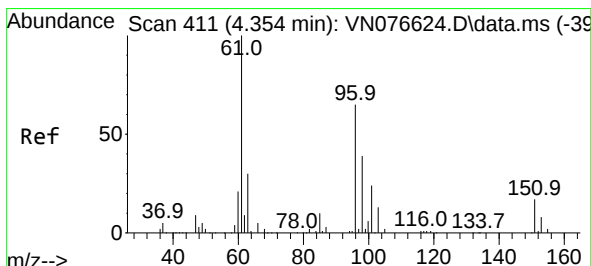
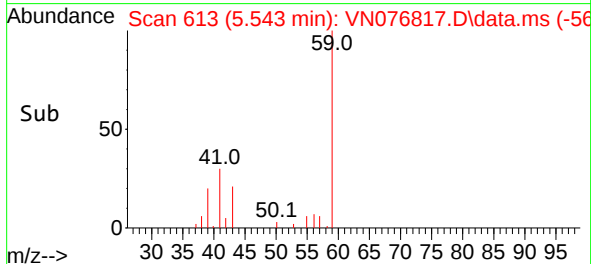
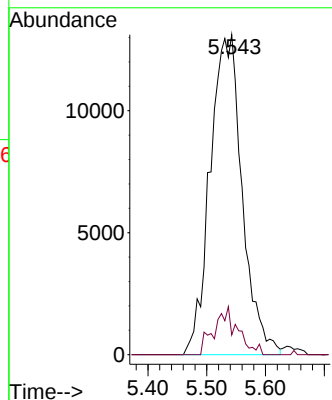
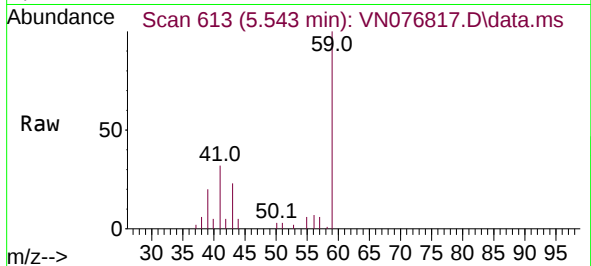
#11
Tert butyl alcohol
Concen: 107.077 ug/l
RT: 5.543 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 59 Resp: 4956
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

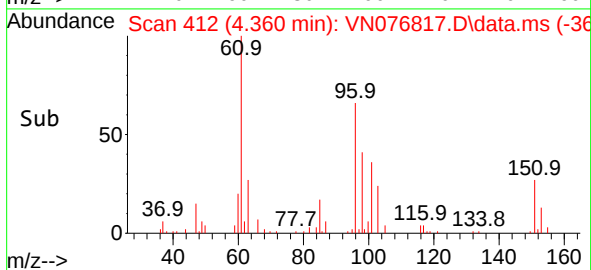
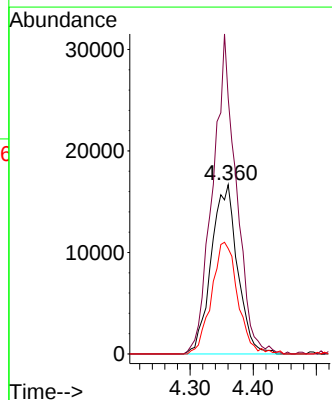
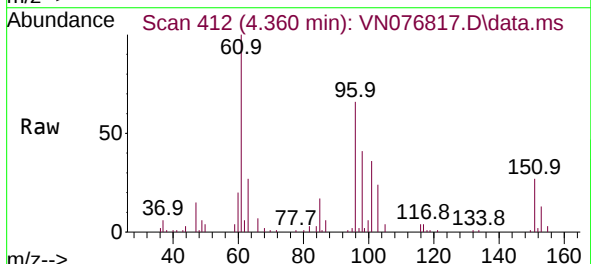
Manual Integrations
APPROVED

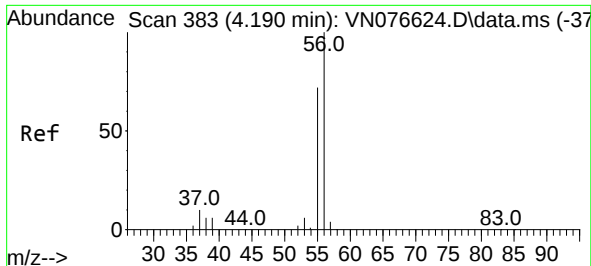
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#12
1,1-Dichloroethene
Concen: 18.408 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

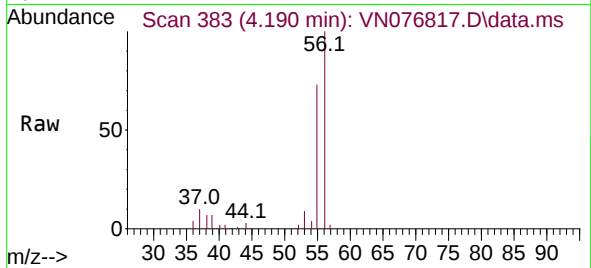
Tgt Ion: 96 Resp: 48250
Ion Ratio Lower Upper
96 100
61 151.1 123.8 185.6
98 62.3 48.4 72.6





#13
Acrolein
Concen: 93.789 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

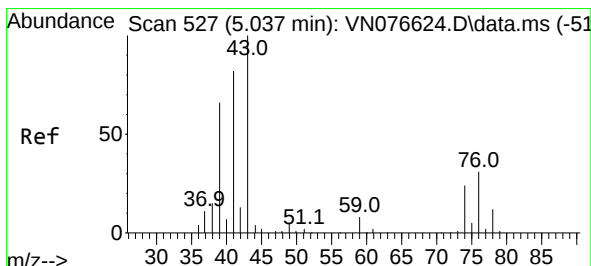
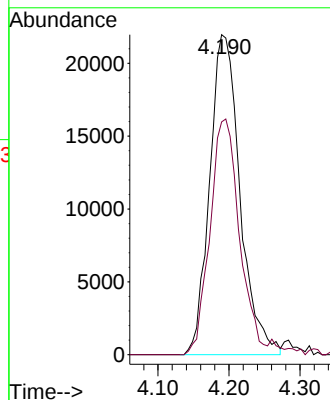
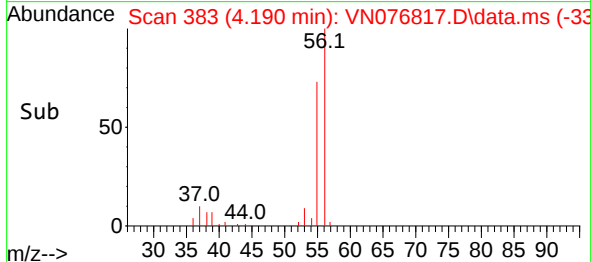
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 56 Resp: 6517
Ion Ratio Lower Upper
56 100
55 71.4 56.3 84.5

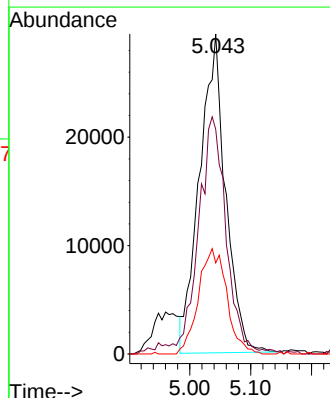
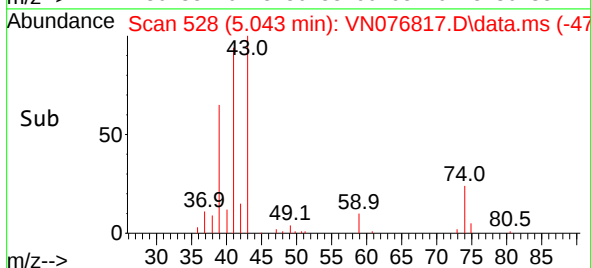
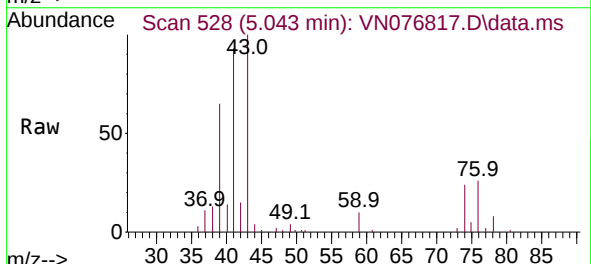
Manual Integrations
APPROVED

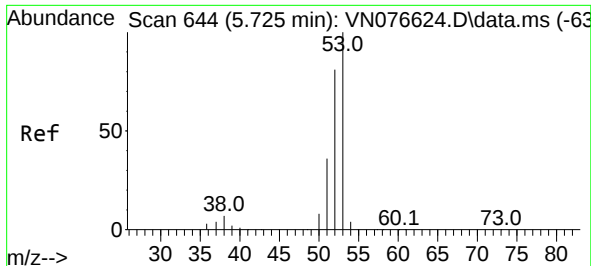
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Allyl chloride
Concen: 19.236 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

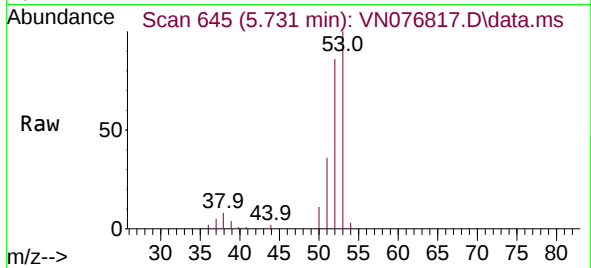
Tgt Ion: 41 Resp: 87364
Ion Ratio Lower Upper
41 100
39 78.9 62.3 93.5
76 35.8 27.0 40.6





#15
Acrylonitrile
Concen: 103.567 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

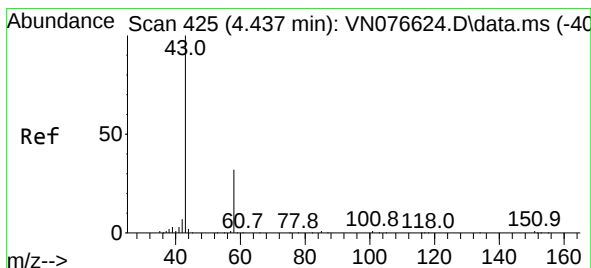
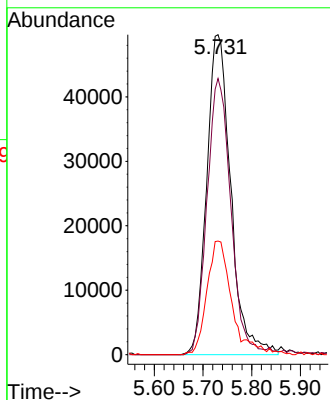
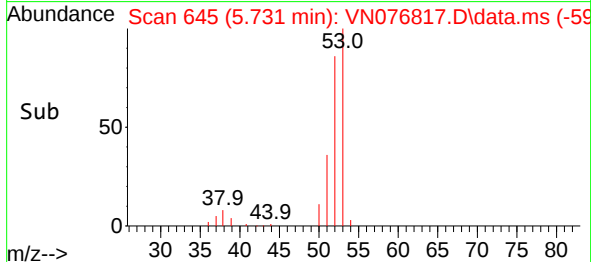
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 53 Resp: 17012
Ion Ratio Lower Upper
53 100
52 85.0 65.3 97.9
51 36.3 29.2 43.8

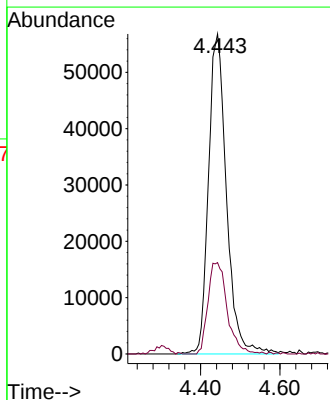
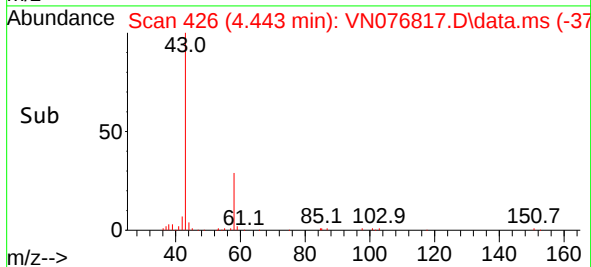
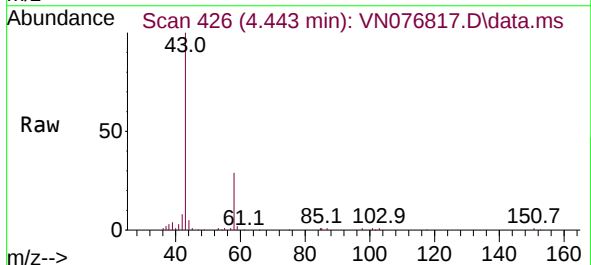
Manual Integrations
APPROVED

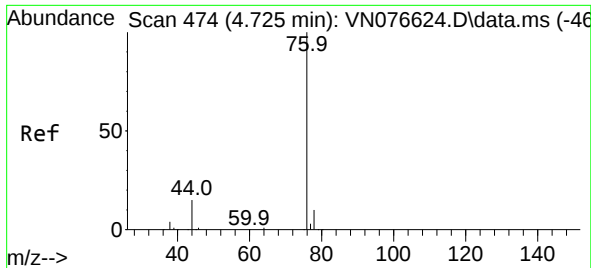
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#16
Acetone
Concen: 114.139 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

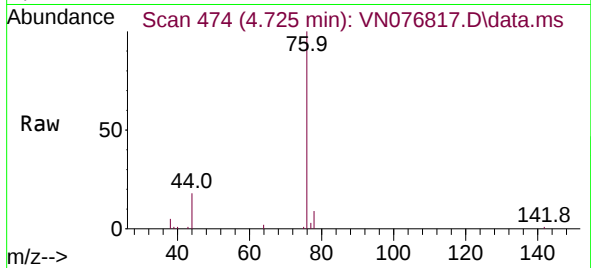
Tgt Ion: 43 Resp: 178780
Ion Ratio Lower Upper
43 100
58 28.2 25.9 38.9





#17
Carbon Disulfide
Concen: 16.482 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

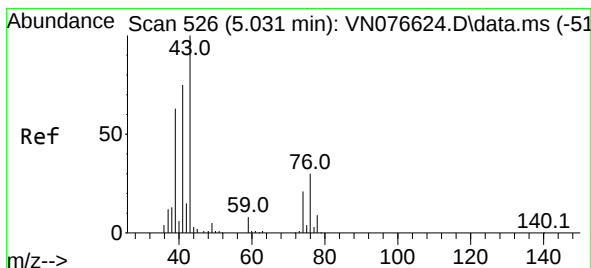
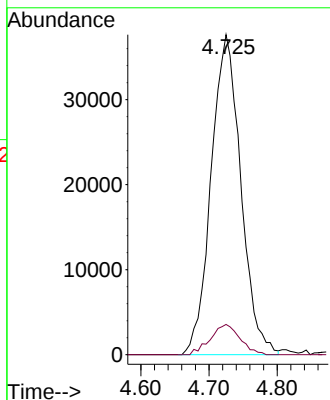
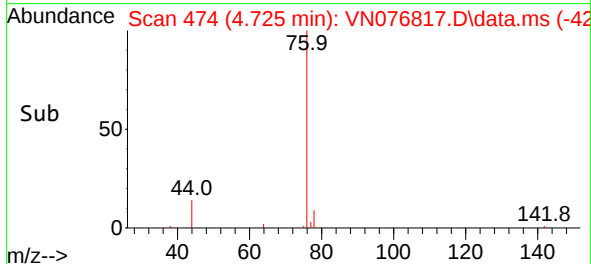
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 76 Resp: 114064
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8

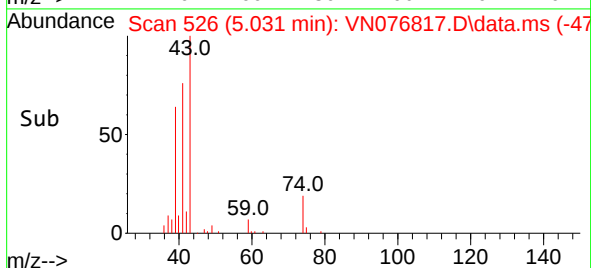
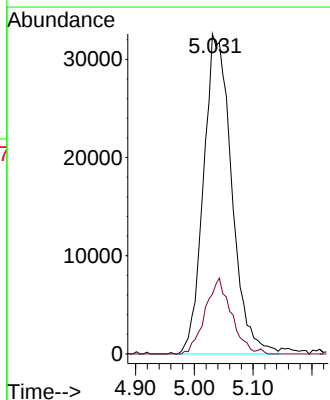
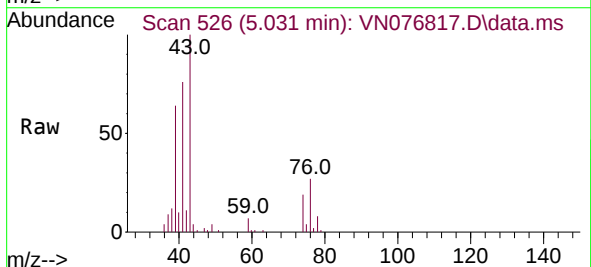
Manual Integrations
APPROVED

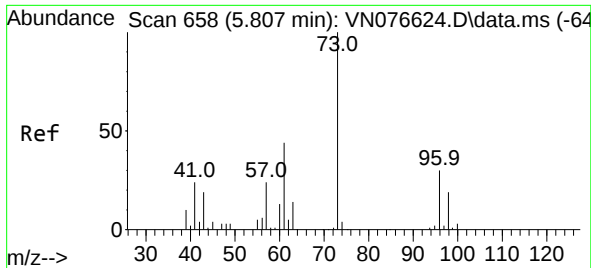
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#18
Methyl Acetate
Concen: 21.182 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion: 43 Resp: 108297
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5





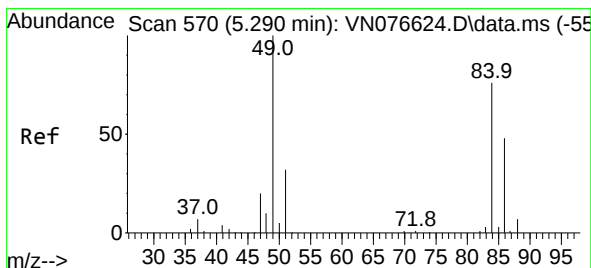
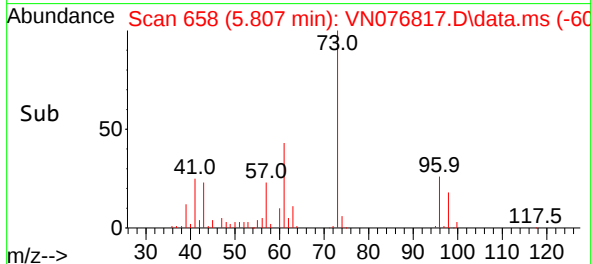
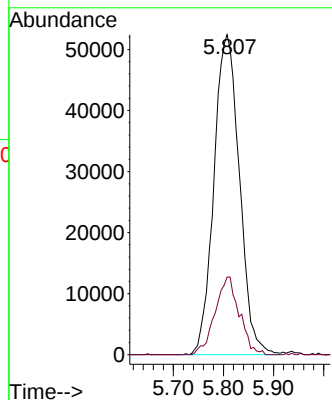
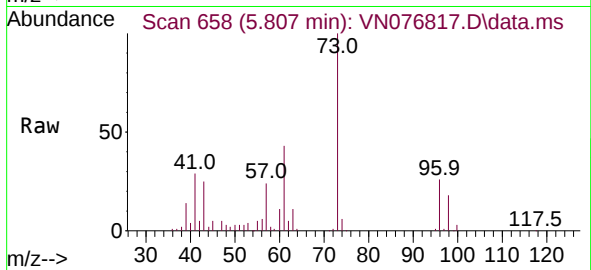
#19
Methyl tert-butyl Ether
Concen: 20.955 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 73 Resp: 18518
Ion Ratio Lower Upper
73 100
57 24.3 19.0 28.4

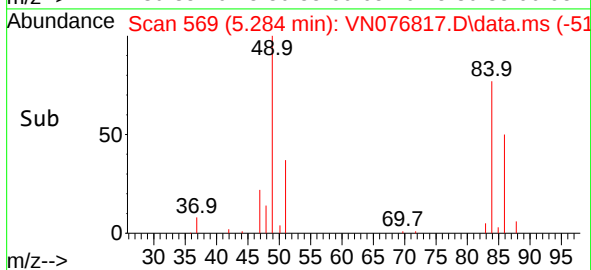
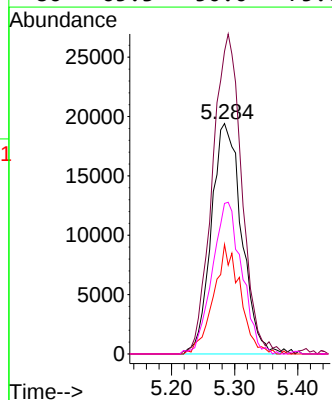
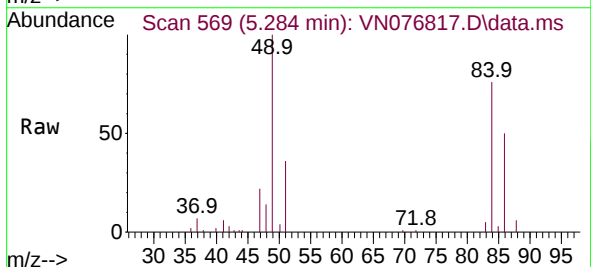
Manual Integrations
APPROVED

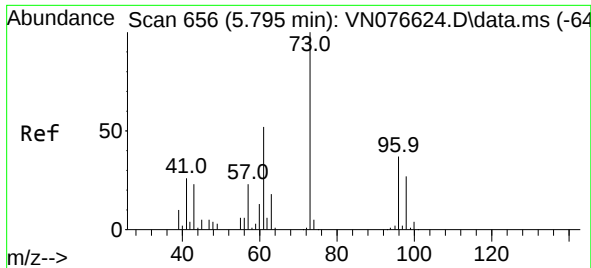
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#20
Methylene Chloride
Concen: 19.668 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion: 84 Resp: 64565
Ion Ratio Lower Upper
84 100
49 131.3 104.9 157.3
51 47.5 33.8 50.8
86 65.3 50.0 75.0





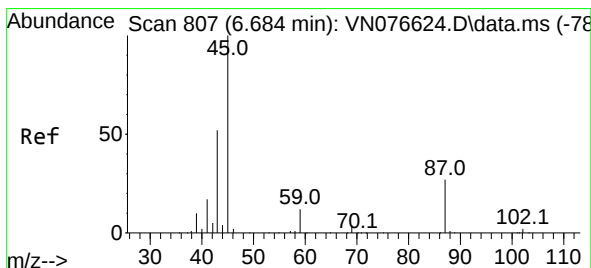
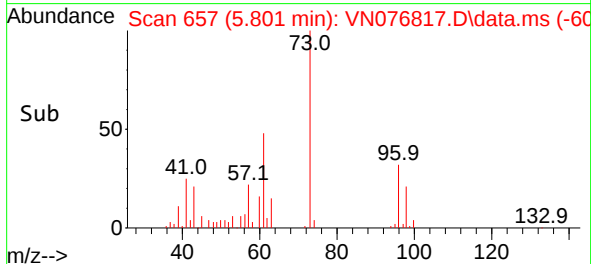
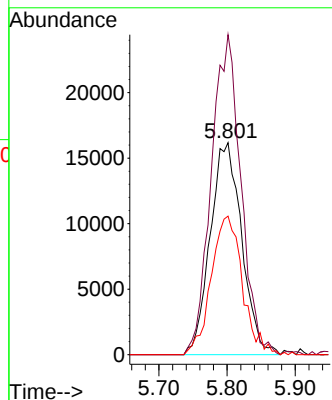
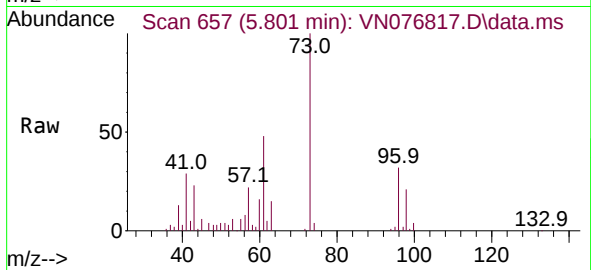
#21
trans-1,2-Dichloroethene
Concen: 17.636 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 96 Resp: 5203
Ion Ratio Lower Upper
96 100
61 150.9 113.9 170.9
98 65.4 59.4 89.0

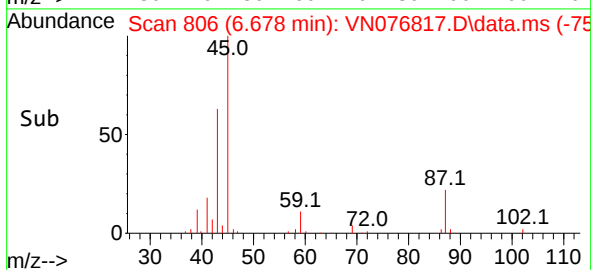
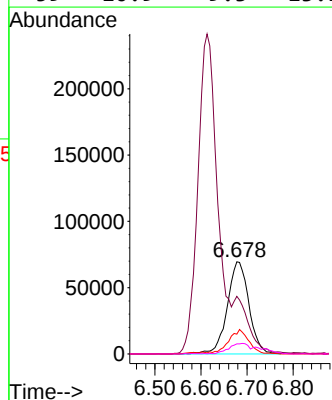
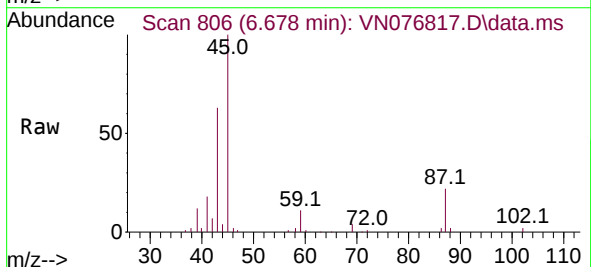
Manual Integrations
APPROVED

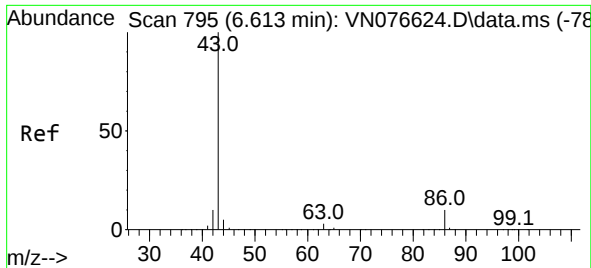
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#22
Diisopropyl ether
Concen: 21.230 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion: 45 Resp: 226154
Ion Ratio Lower Upper
45 100
43 61.0 41.8 62.6
87 21.5 21.8 32.8#
59 10.9 9.3 13.9





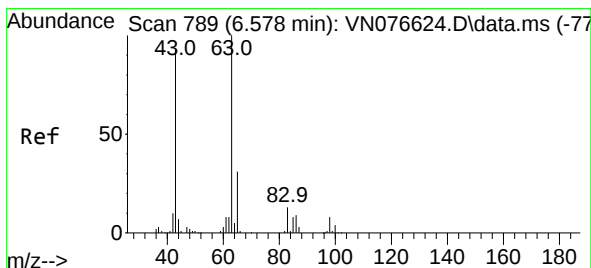
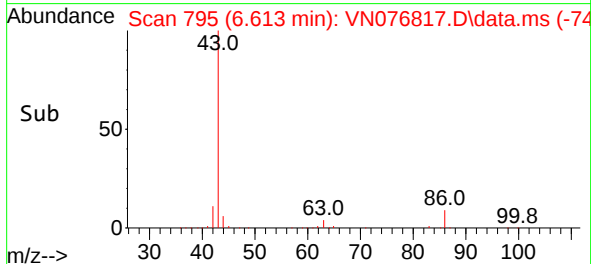
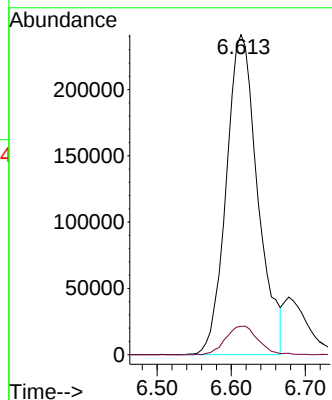
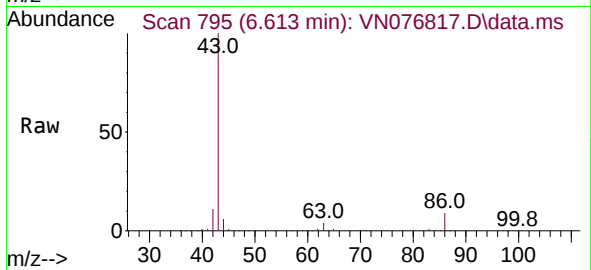
#23
 Vinyl Acetate
 Concen: 112.975 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076817.D
 Acq: 27 Feb 2023 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Tgt Ion: 43 Resp: 712040
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.2 12.2

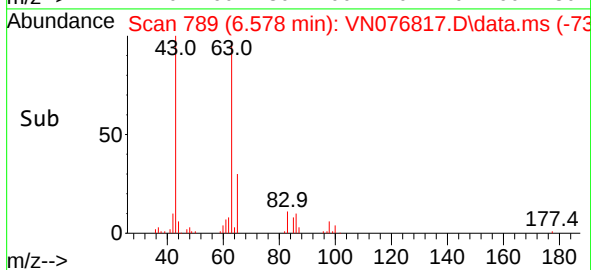
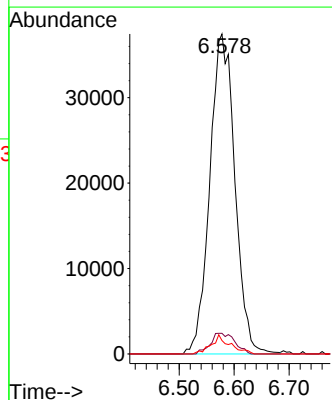
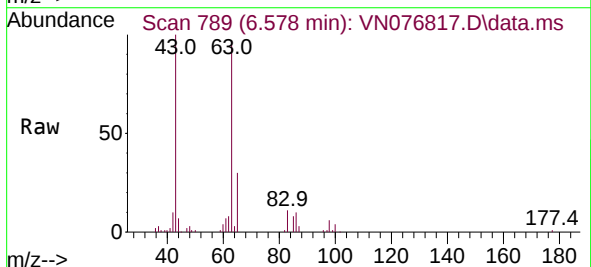
Manual Integrations
 APPROVED

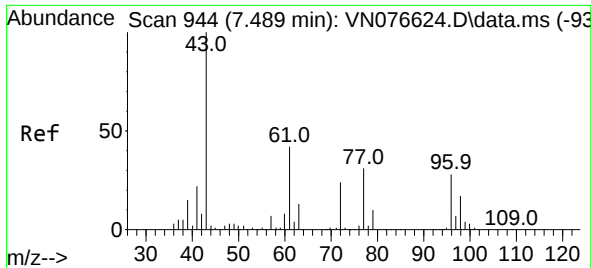
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#24
 1,1-Dichloroethane
 Concen: 20.337 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076817.D
 Acq: 27 Feb 2023 11:03

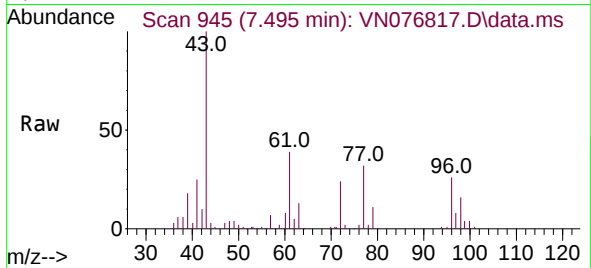
Tgt Ion: 63 Resp: 118731
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.1 12.3
 100 4.2 2.0 5.8





#25
2-Butanone
Concen: 108.116 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

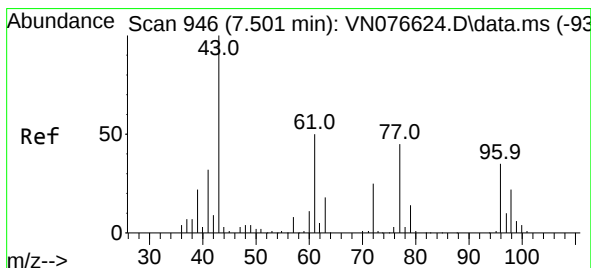
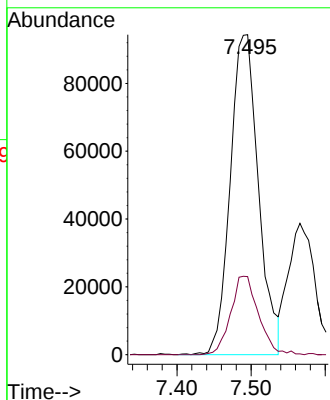
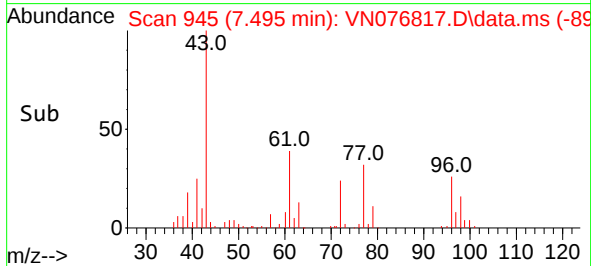
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 43 Resp: 249799
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2

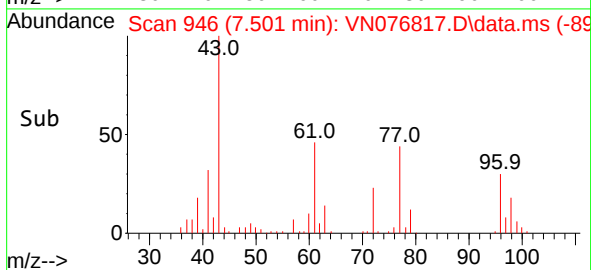
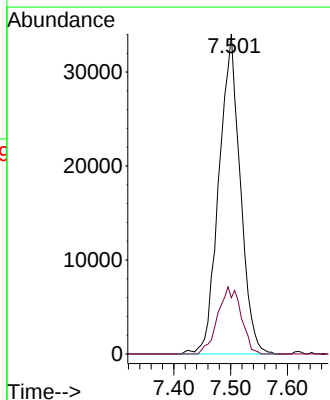
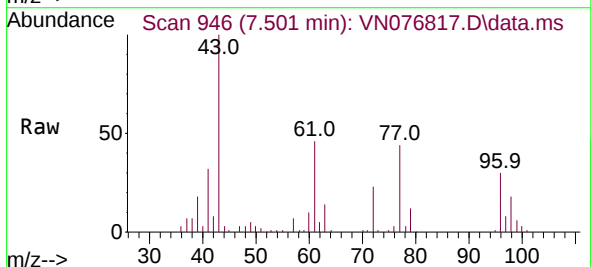
Manual Integrations
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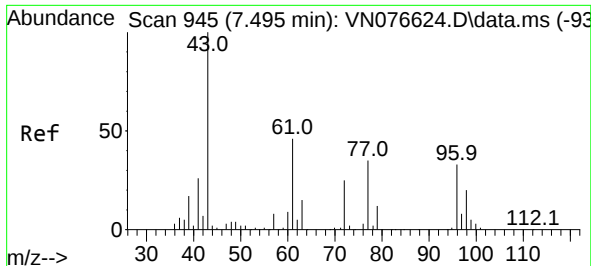
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
2,2-Dichloropropane
Concen: 21.064 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

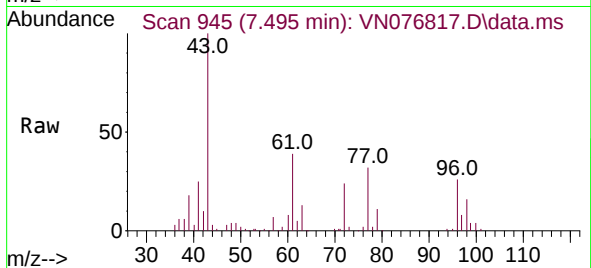
Tgt Ion: 77 Resp: 88698
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.655 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076817.D
 Acq: 27 Feb 2023 11:03

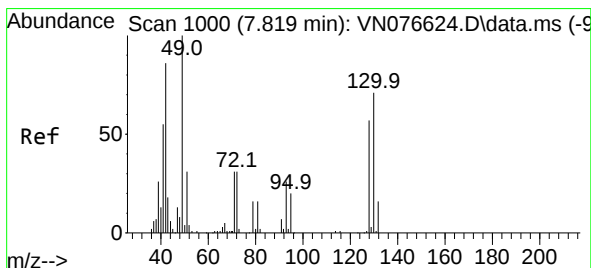
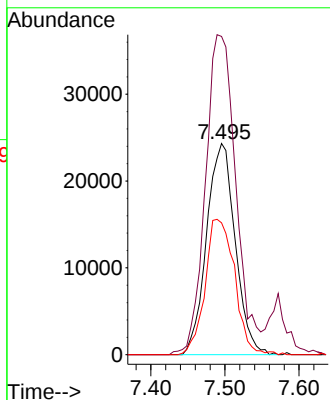
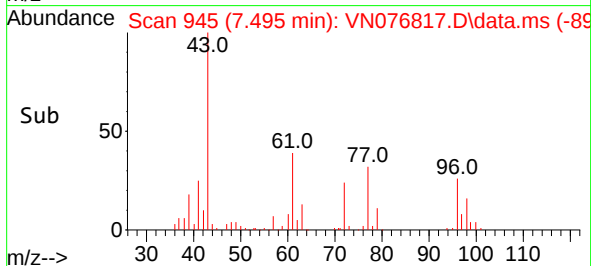
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01



Tgt Ion: 96 Resp: 65280
 Ion Ratio Lower Upper
 96 100
 61 160.8 0.0 286.8
 98 66.2 0.0 124.0

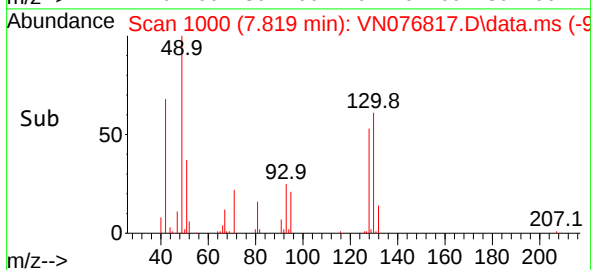
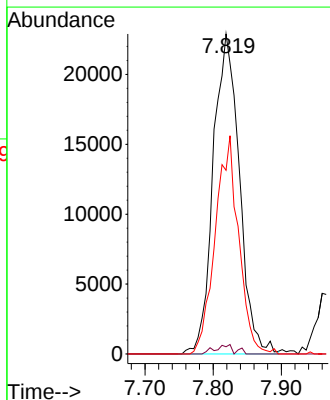
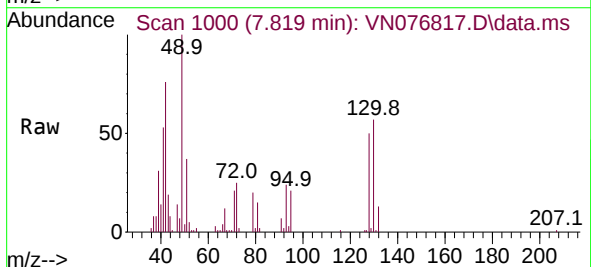
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#28
 Bromochloromethane
 Concen: 21.977 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076817.D
 Acq: 27 Feb 2023 11:03

Tgt Ion: 49 Resp: 61065
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 61.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 108.504 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 42 Resp: 163792

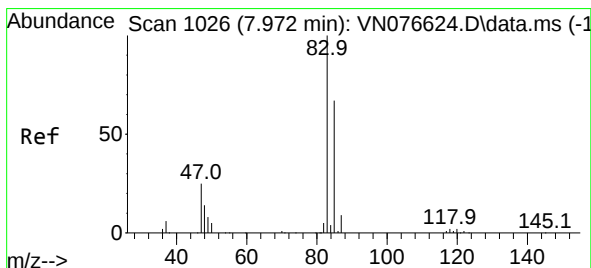
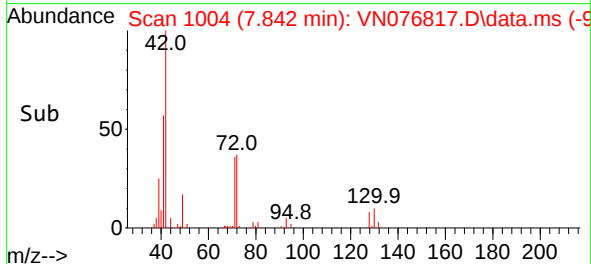
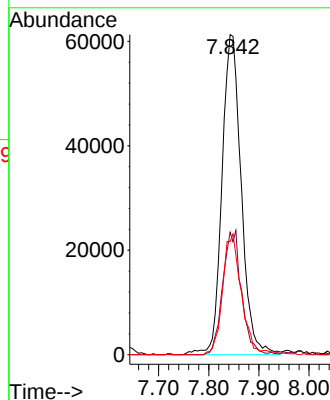
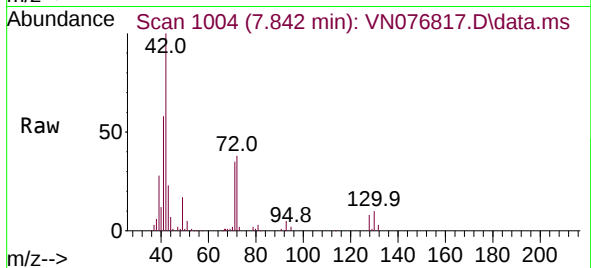
Ion	Ratio	Lower	Upper
42	100		
72	37.6	31.5	47.3
71	37.0	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 20.470 ug/l

RT: 7.972 min Scan# 1026

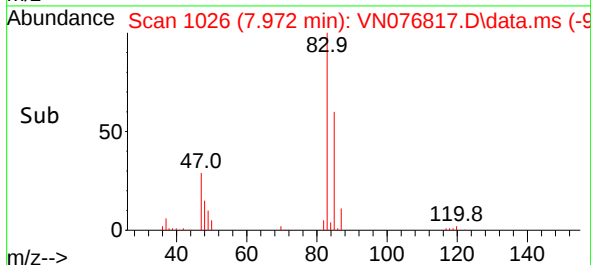
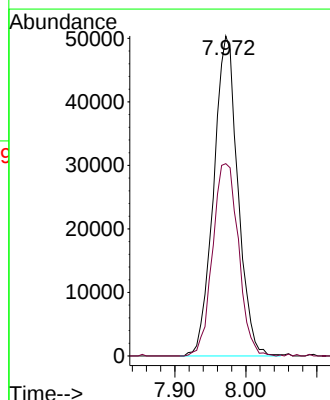
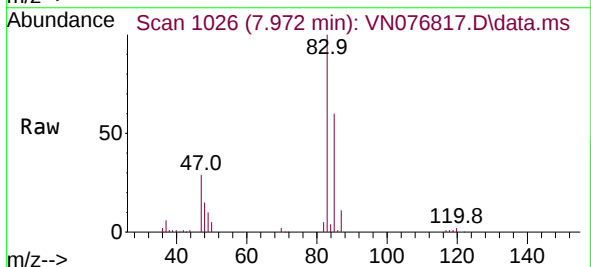
Delta R.T. -0.000 min

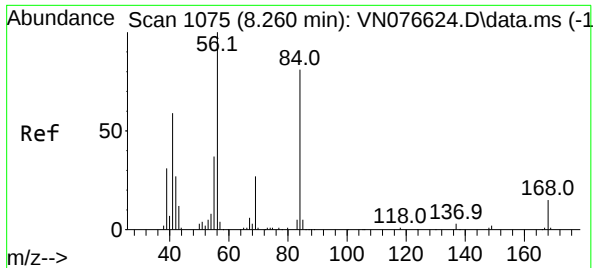
Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Tgt Ion: 83 Resp: 119400

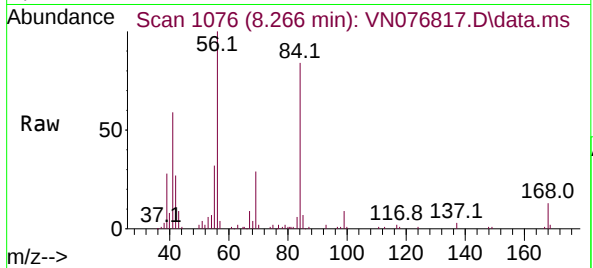
Ion	Ratio	Lower	Upper
83	100		
85	60.1	53.5	80.3





#31
Cyclohexane
Concen: 18.961 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

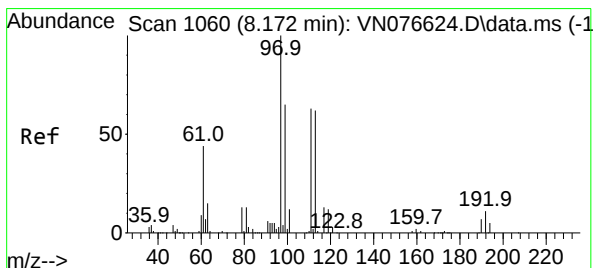
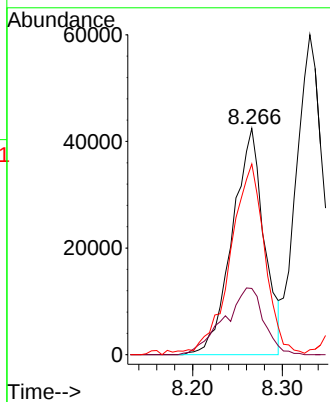
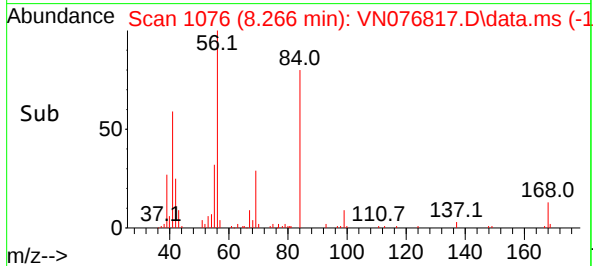
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 56 Resp: 104290
Ion Ratio Lower Upper
56 100
69 29.3 21.6 32.4
84 82.7 65.1 97.7

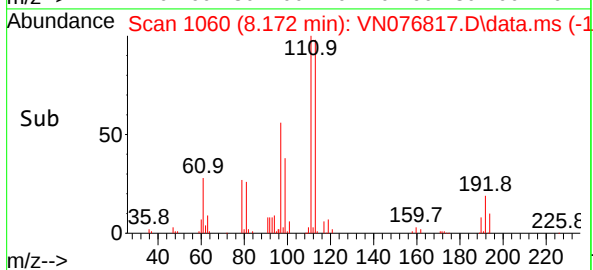
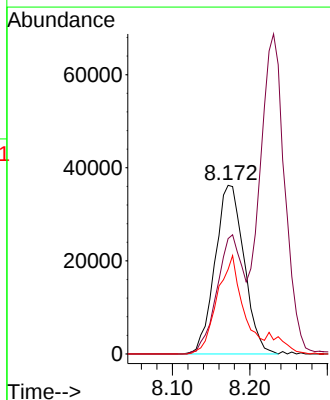
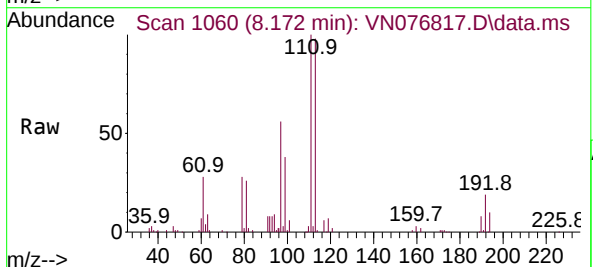
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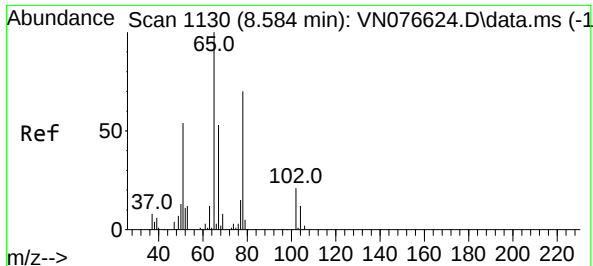
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#32
1,1,1-Trichloroethane
Concen: 19.248 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion: 97 Resp: 94400
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 52.4 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 56.876 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 65 Resp: 199438

Ion Ratio Lower Upper

65 100

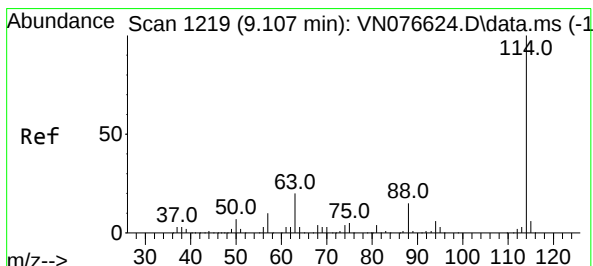
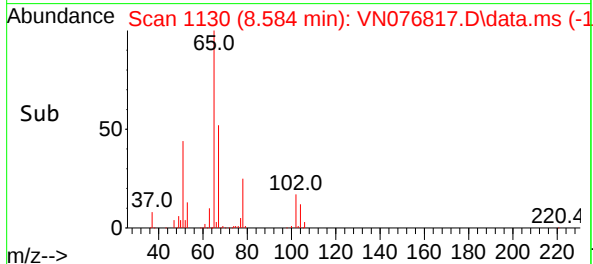
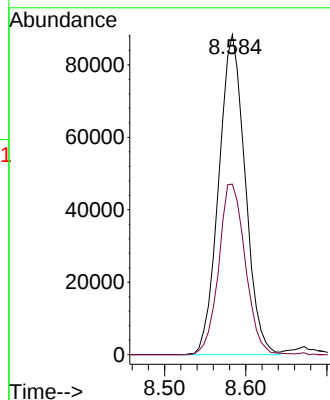
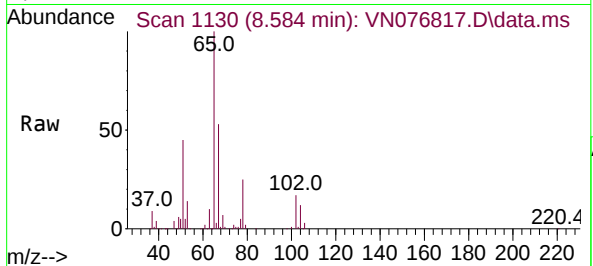
67 53.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

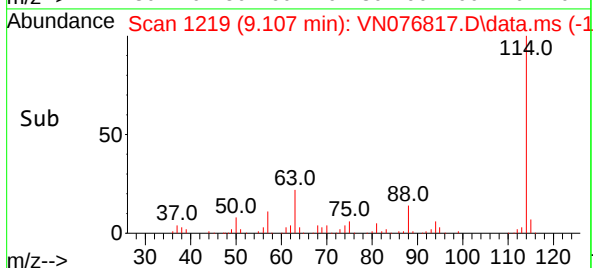
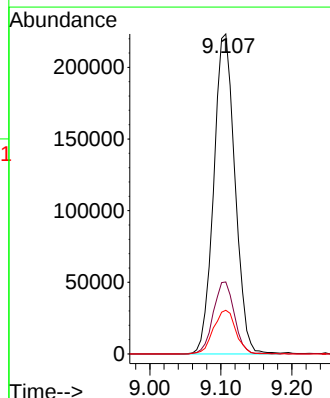
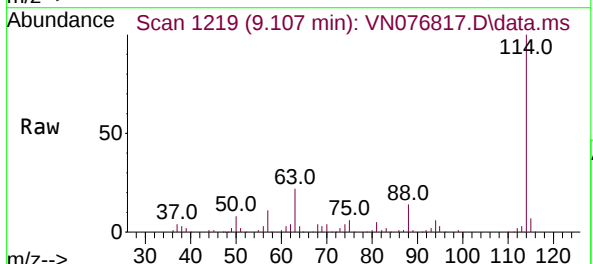
Tgt Ion:114 Resp: 463259

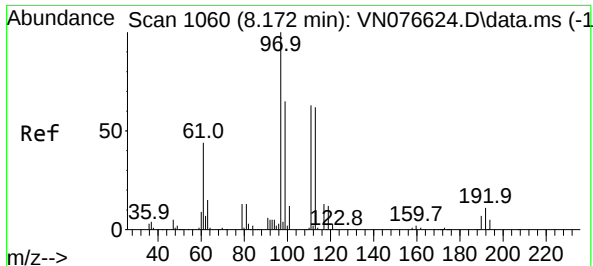
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 13.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.756 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 113 Resp: 150949

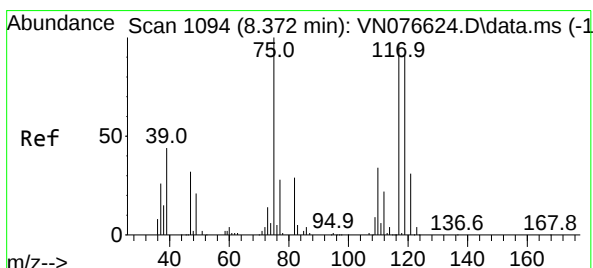
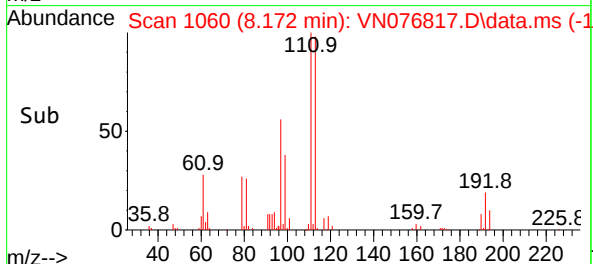
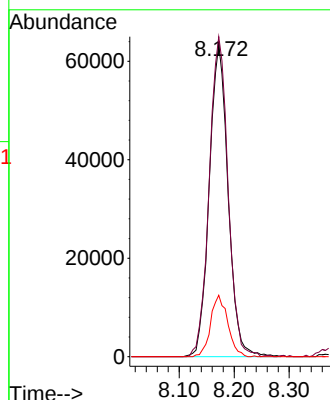
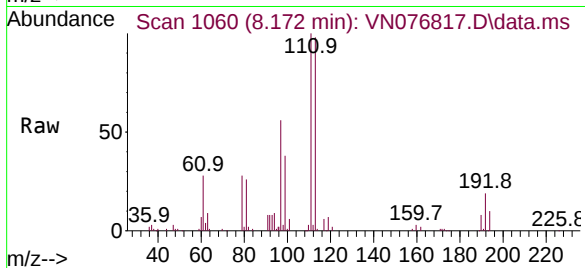
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	17.9	15.6	23.4

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,1-Dichloropropene

Concen: 19.354 ug/l

RT: 8.378 min Scan# 1095

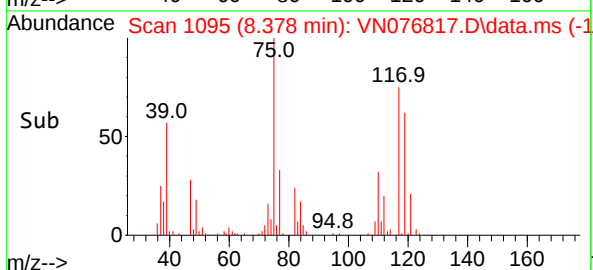
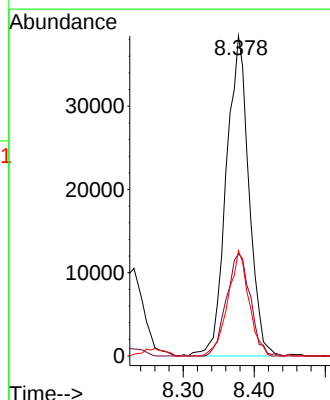
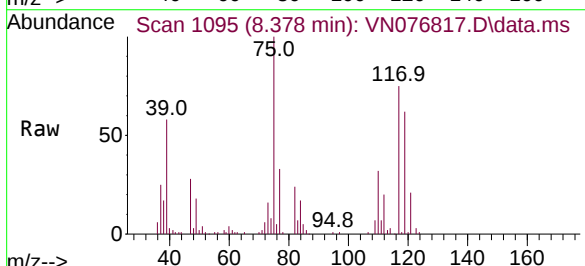
Delta R.T. 0.006 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Tgt Ion: 75 Resp: 84834

Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.5	52.5
77	30.7	24.5	36.7





#37

Ethyl Acetate

Concen: 21.147 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

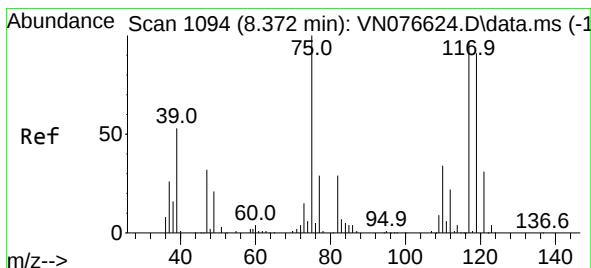
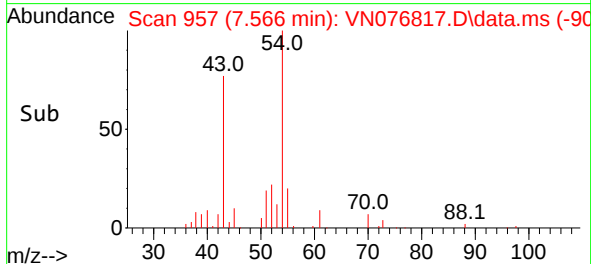
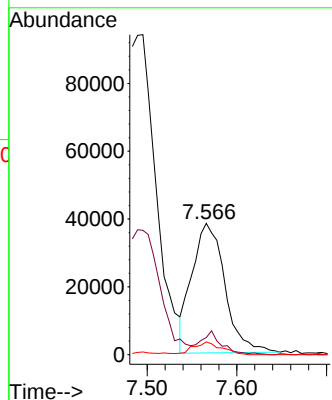
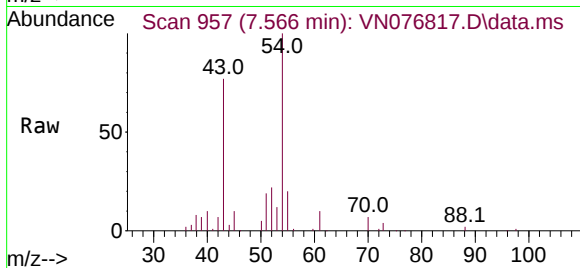
VN0227WBS01

Tgt Ion: 43 Resp: 9752

Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.9	14.9
70	8.3	7.8	11.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#38

Carbon Tetrachloride

Concen: 18.695 ug/l

RT: 8.366 min Scan# 1093

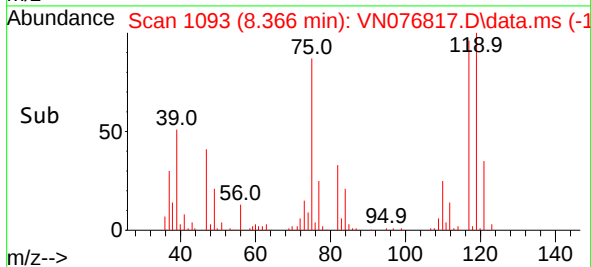
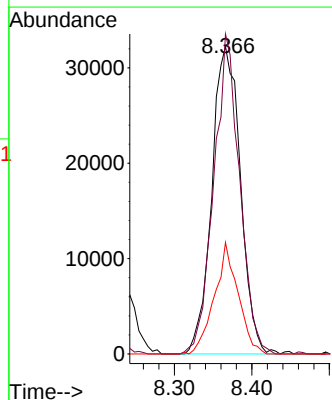
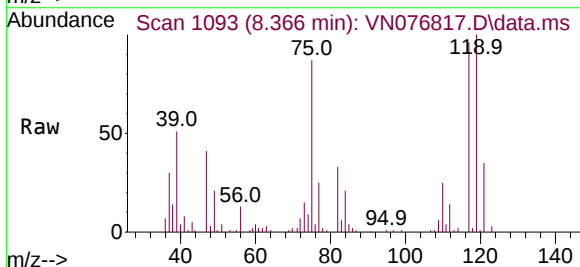
Delta R.T. -0.006 min

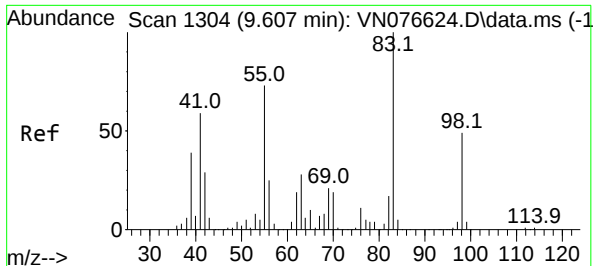
Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Tgt Ion:117 Resp: 82666

Ion	Ratio	Lower	Upper
117	100		
119	104.1	75.4	113.0
121	36.3	26.0	39.0





#39

Methylcyclohexane

Concen: 19.188 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 83 Resp: 95600

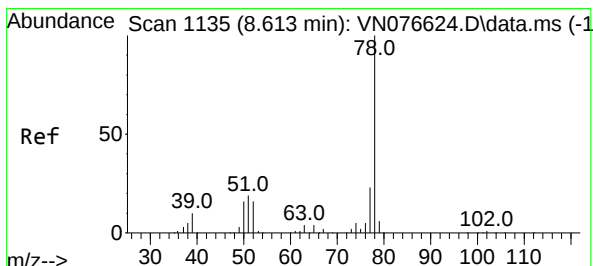
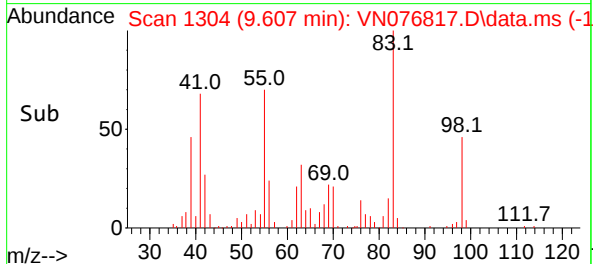
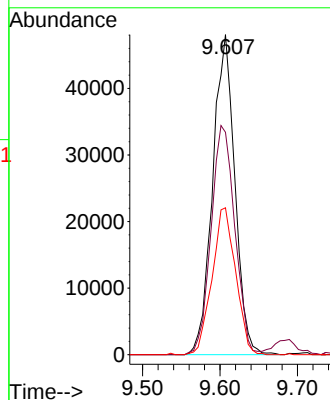
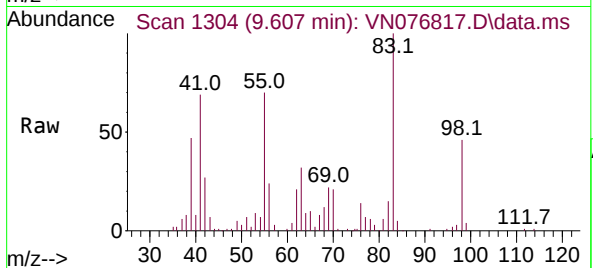
Ion	Ratio	Lower	Upper
83	100		
55	69.5	58.6	88.0
98	45.9	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 19.354 ug/l

RT: 8.613 min Scan# 1135

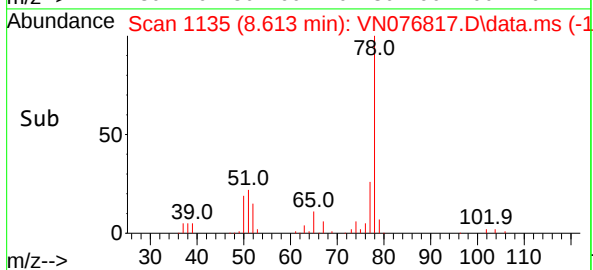
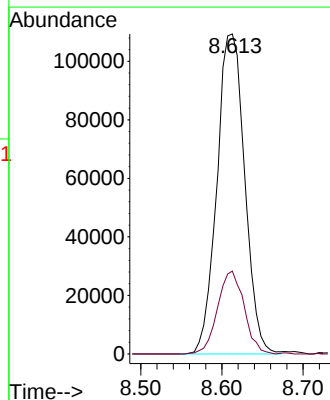
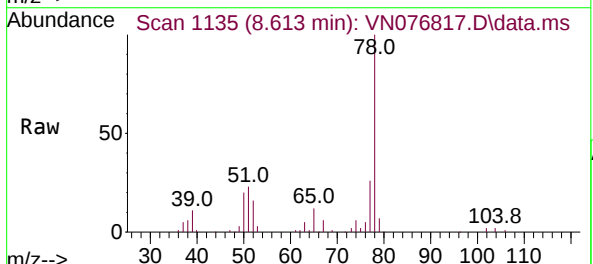
Delta R.T. -0.000 min

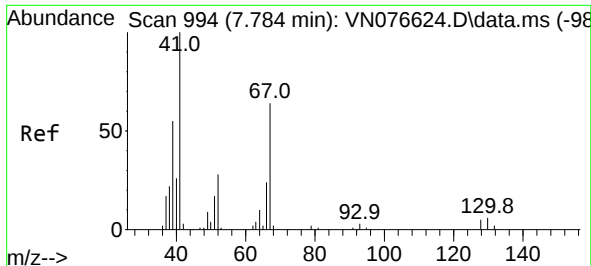
Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Tgt Ion: 78 Resp: 260522

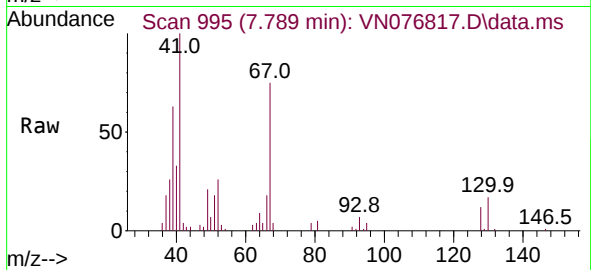
Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.2	27.4





#41
Methacrylonitrile
Concen: 19.297 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

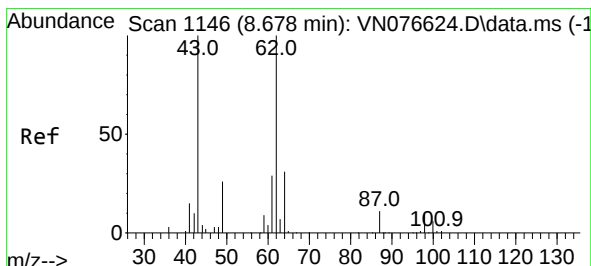
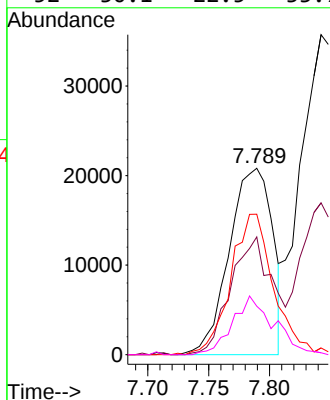
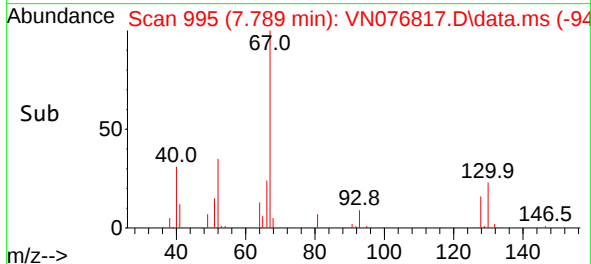
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:	41	Resp:	5155
Ion Ratio	100	Lower	Upper
39	61.8	42.6	63.8
67	74.8	51.4	77.0
52	30.1	22.5	33.7

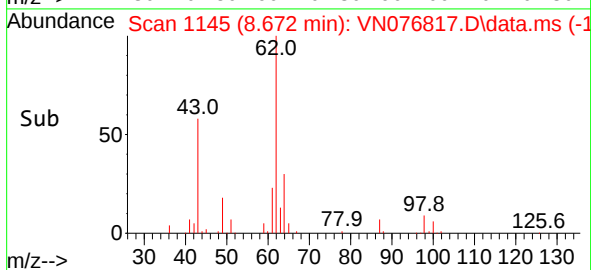
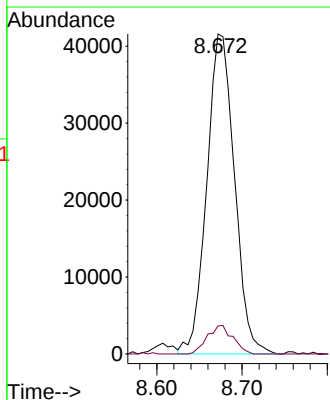
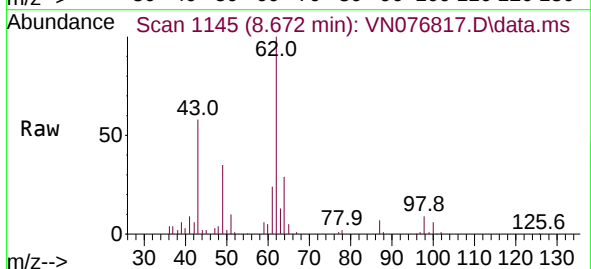
Manual Integrations
APPROVED

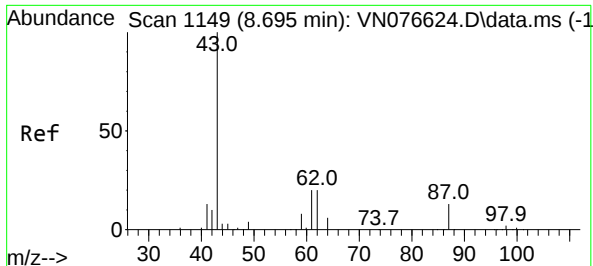
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#42
1,2-Dichloroethane
Concen: 20.037 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion:	62	Resp:	94070
Ion Ratio	100	Lower	Upper
98	8.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 21.340 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 43 Resp: 16014

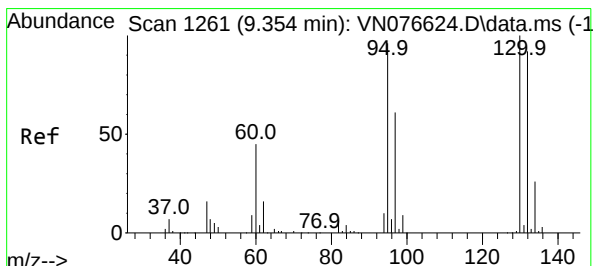
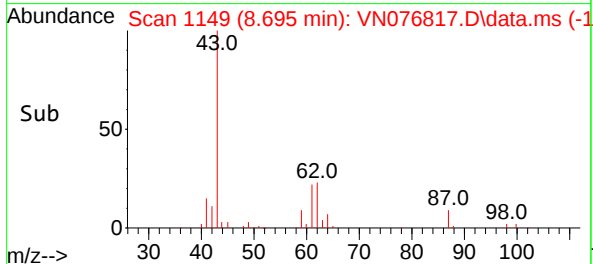
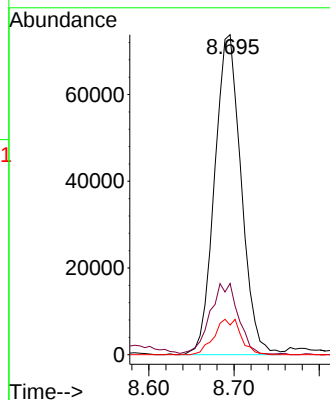
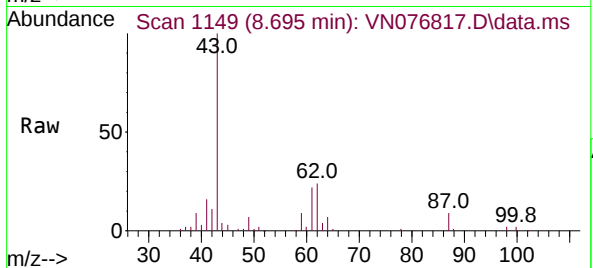
Ion	Ratio	Lower	Upper
43	100		
61	23.4	20.0	30.0
87	11.2	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#44

Trichloroethene

Concen: 18.752 ug/l

RT: 9.354 min Scan# 1261

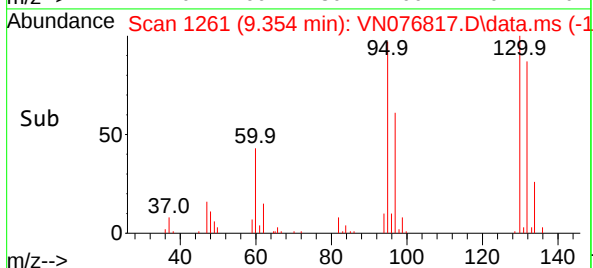
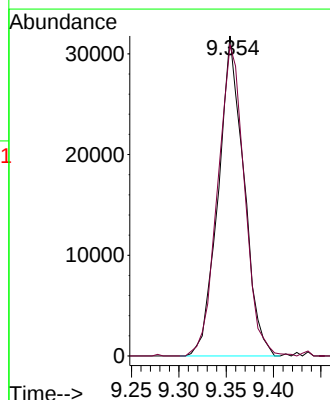
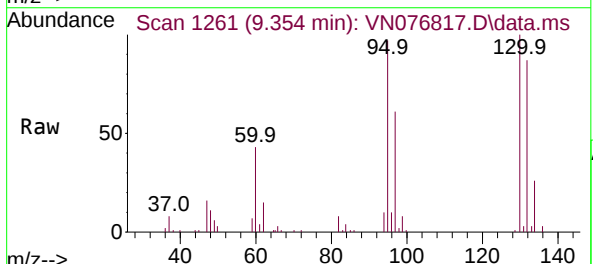
Delta R.T. 0.000 min

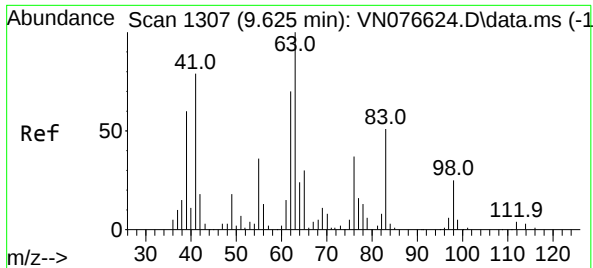
Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Tgt Ion:130 Resp: 59650

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	191.4





#45

1,2-Dichloropropane

Concen: 20.444 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 63 Resp: 72850

Ion Ratio Lower Upper

63 100

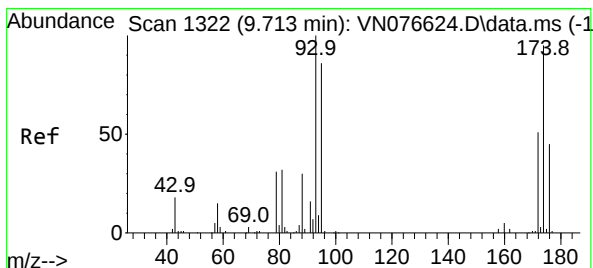
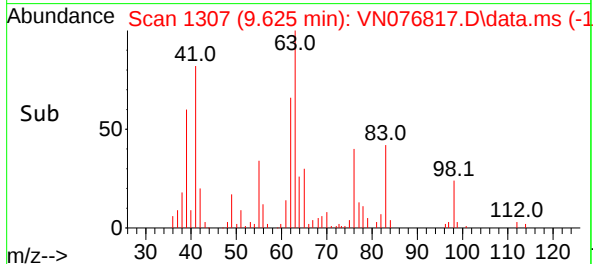
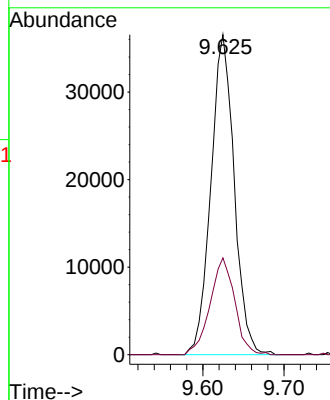
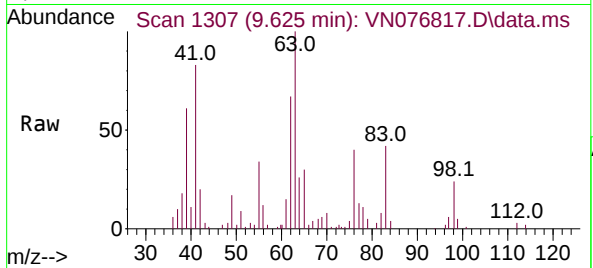
65 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#46

Dibromomethane

Concen: 19.810 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

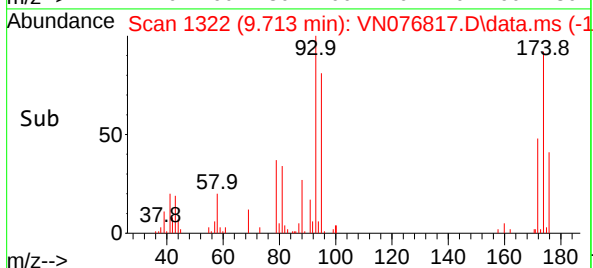
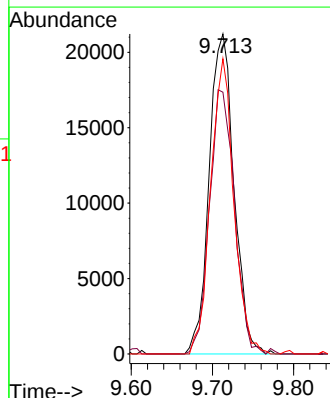
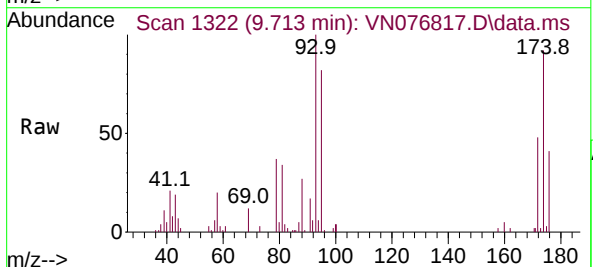
Tgt Ion: 93 Resp: 45129

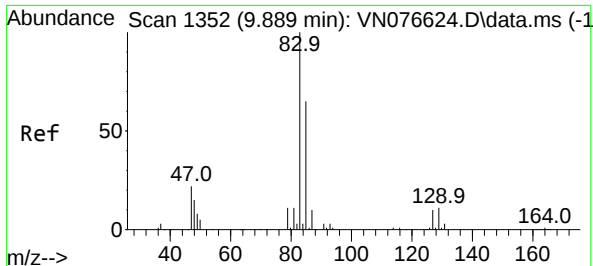
Ion Ratio Lower Upper

93 100

95 82.9 66.0 99.0

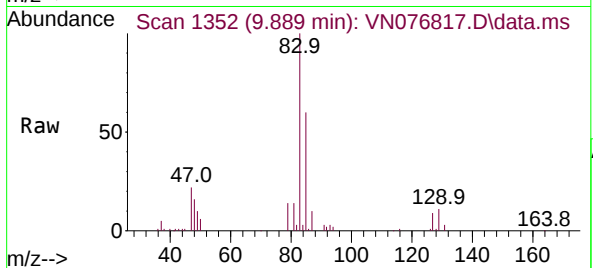
174 86.1 75.8 113.8





#47
Bromodichloromethane
Concen: 19.739 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

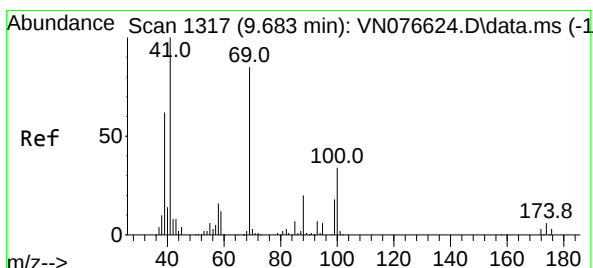
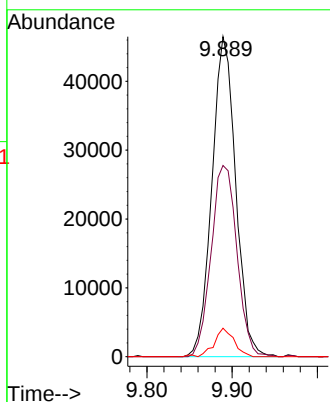
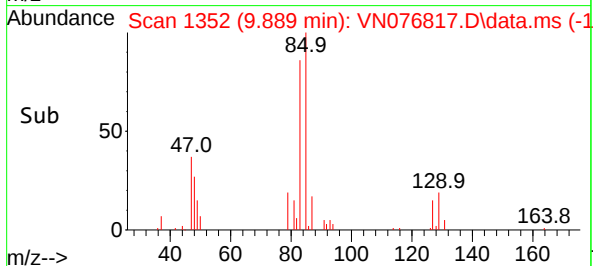
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 83 Resp: 90150
Ion Ratio Lower Upper
83 100
85 59.7 51.8 77.6
127 8.9 7.9 11.9

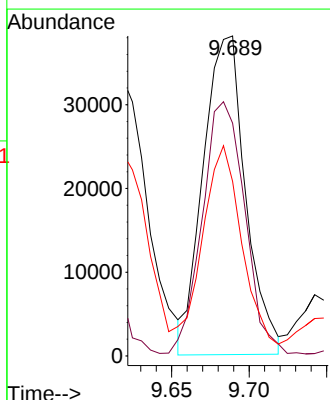
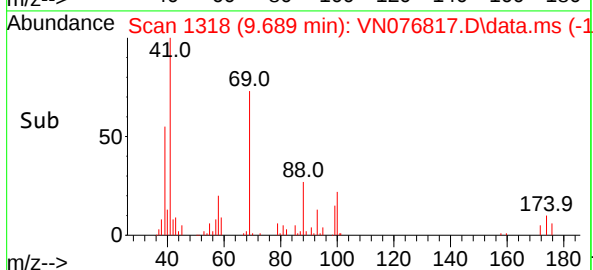
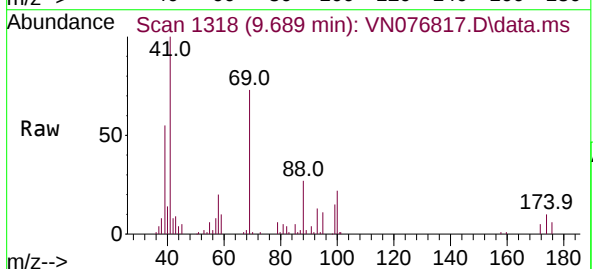
Manual Integrations
APPROVED

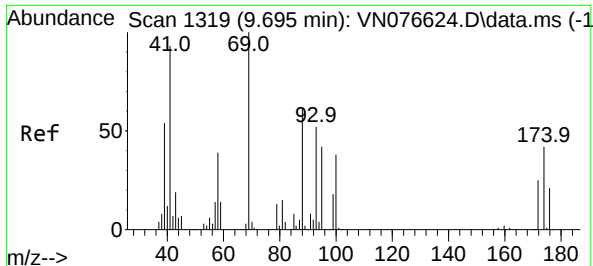
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Methyl methacrylate
Concen: 20.355 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion: 41 Resp: 72486
Ion Ratio Lower Upper
41 100
69 79.6 65.4 98.0
39 62.5 49.3 73.9





#49

1,4-Dioxane

Concen: 395.794 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076817.D

Acq: 27 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 88 Resp: 2438

Ion Ratio Lower Upper

88 100

43 31.7 22.6 33.8

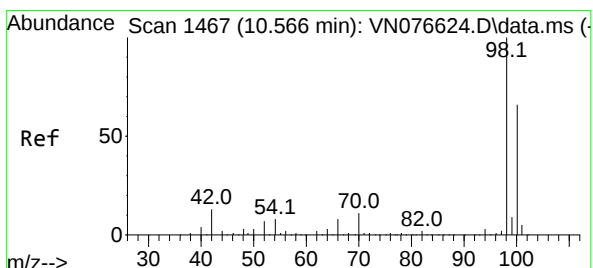
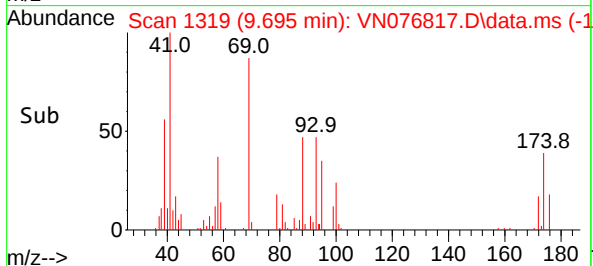
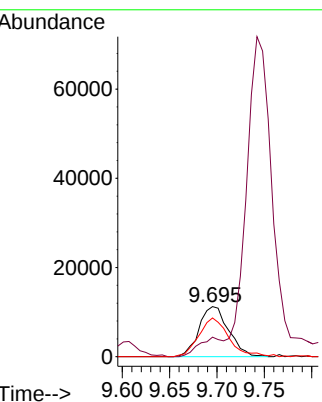
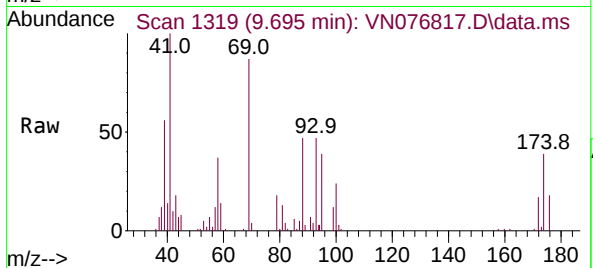
58 78.9 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#50

Toluene-d8

Concen: 52.890 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN076817.D

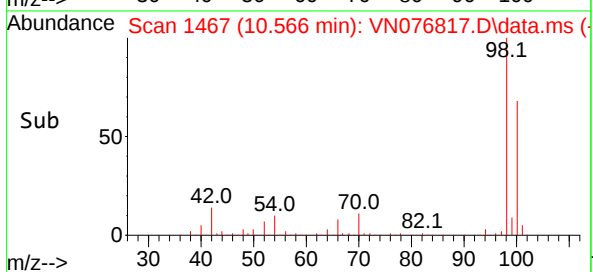
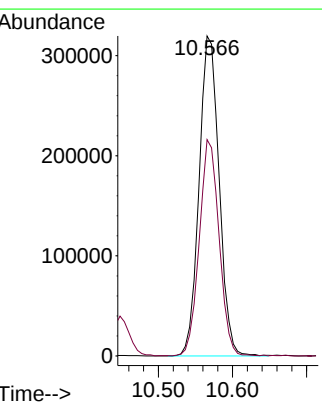
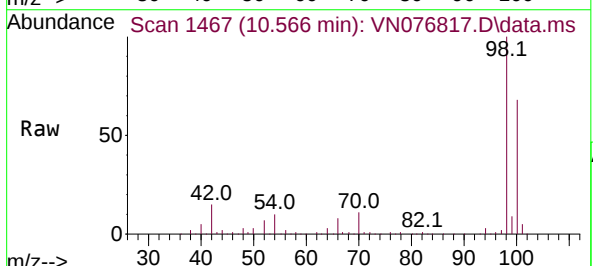
Acq: 27 Feb 2023 11:03

Tgt Ion: 98 Resp: 599242

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3





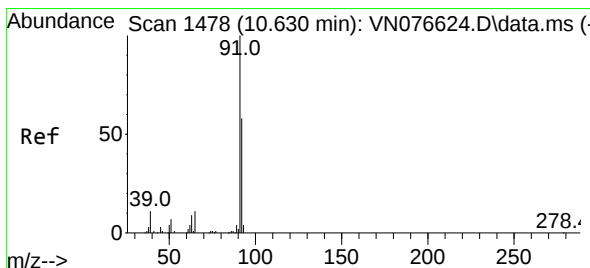
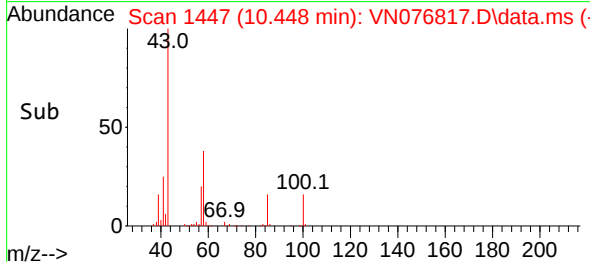
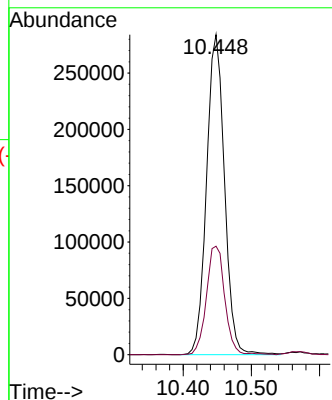
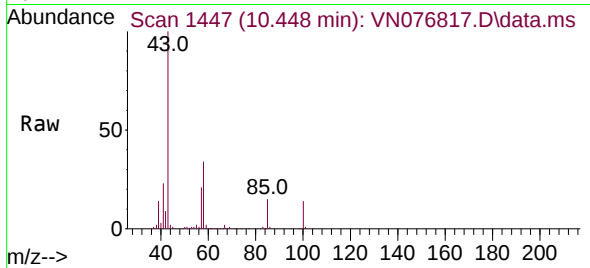
#51
4-Methyl-2-Pentanone
Concen: 109.037 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 43 Resp: 520624
Ion Ratio Lower Upper
43 100
58 34.5 29.5 44.3

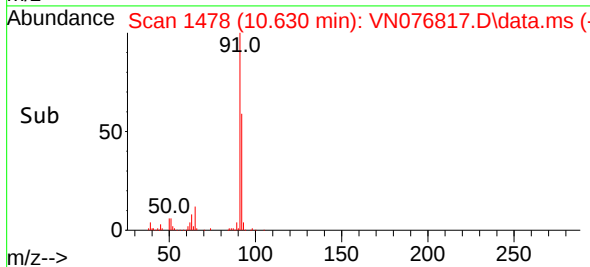
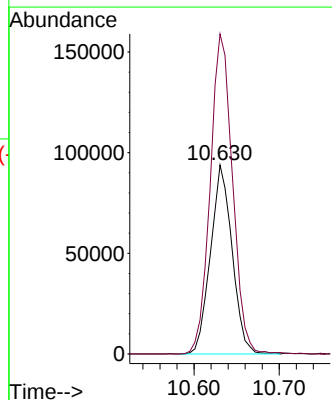
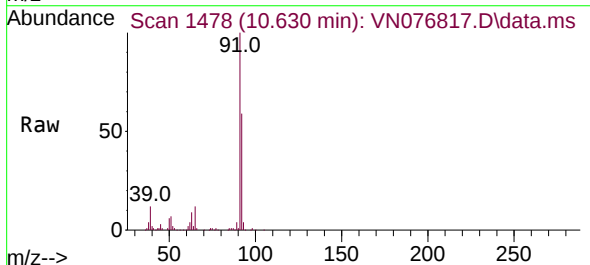
Manual Integrations
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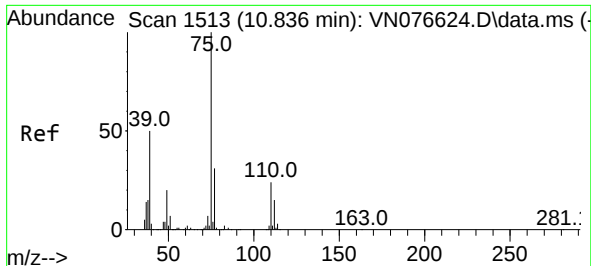
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#52
Toluene
Concen: 20.406 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

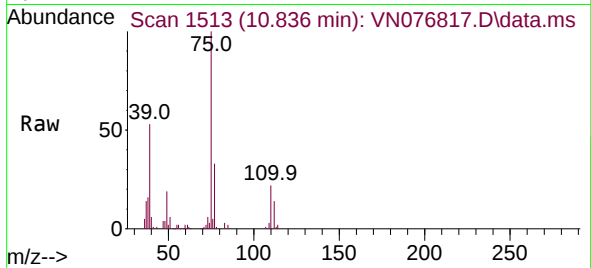
Tgt Ion: 92 Resp: 165835
Ion Ratio Lower Upper
92 100
91 174.8 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 20.567 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

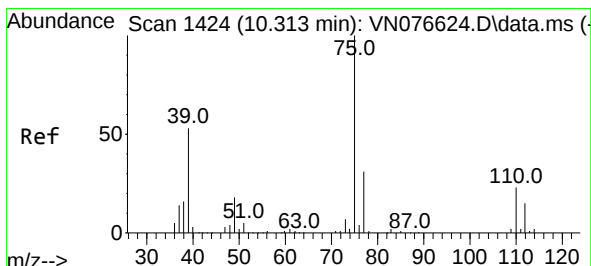
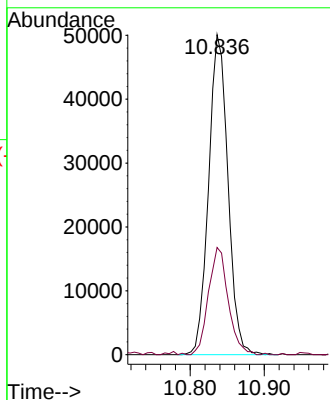
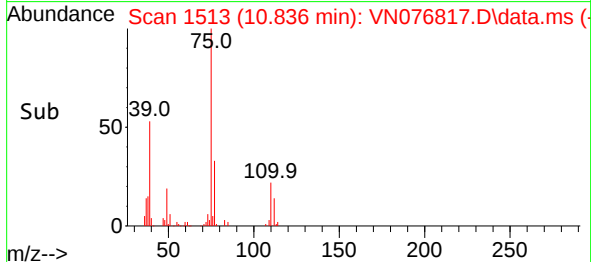
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 75 Resp: 90668
Ion Ratio Lower Upper
75 100
77 33.5 24.6 37.0

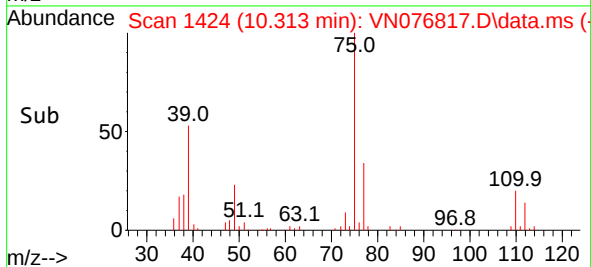
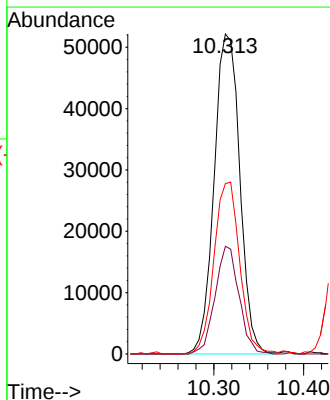
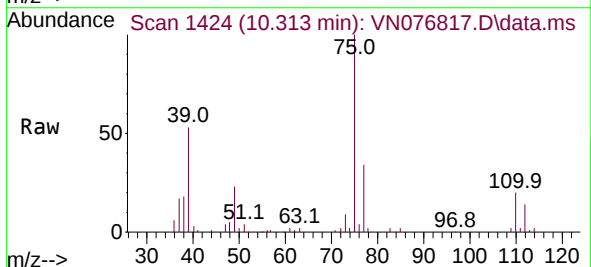
Manual Integrations
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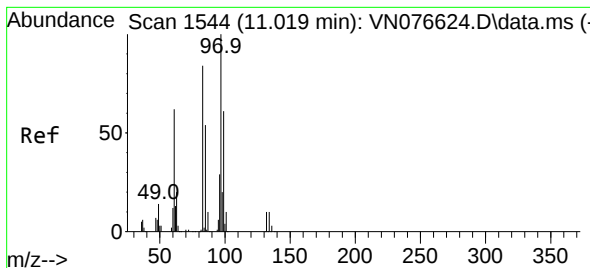
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#54
cis-1,3-Dichloropropene
Concen: 20.366 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

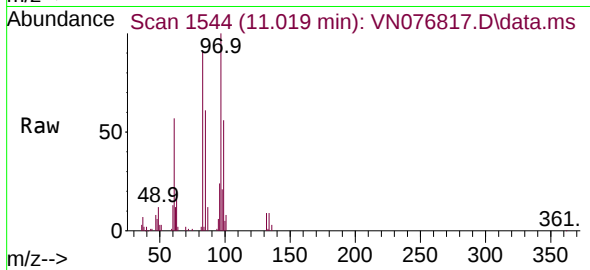
Tgt Ion: 75 Resp: 103559
Ion Ratio Lower Upper
75 100
77 33.7 25.1 37.7
39 53.3 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 20.834 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

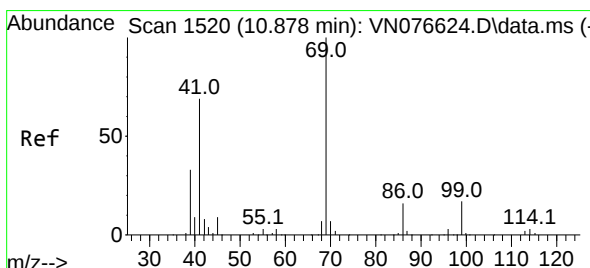
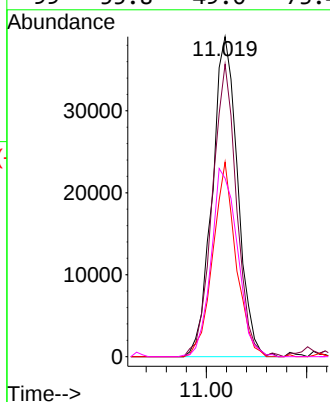
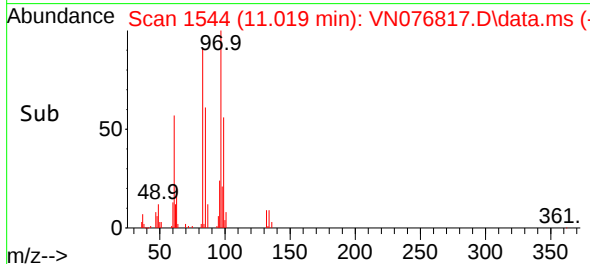
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



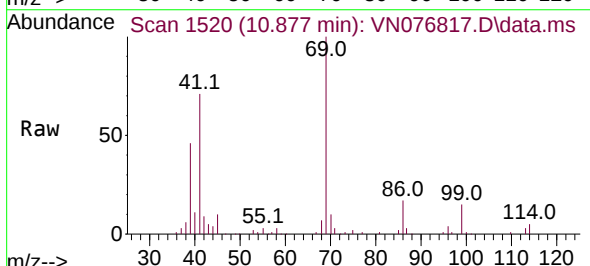
Tgt Ion: 97 Resp: 68848
Ion Ratio Lower Upper
97 100
83 91.4 67.3 100.9
85 60.8 43.2 64.8
99 55.8 49.0 73.4

Manual Integrations
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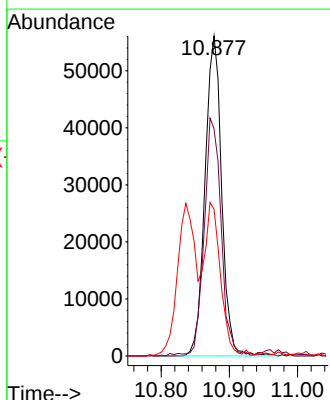
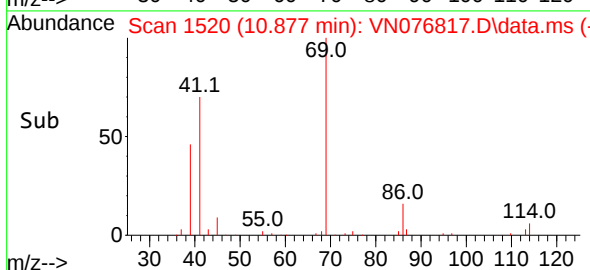
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

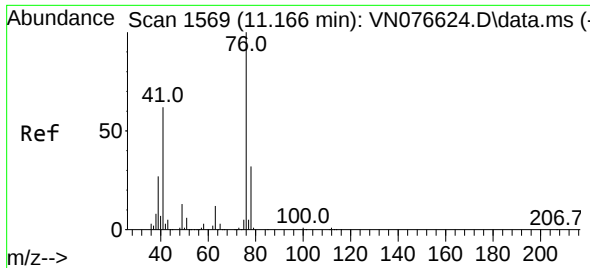


#56
Ethyl methacrylate
Concen: 20.475 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03



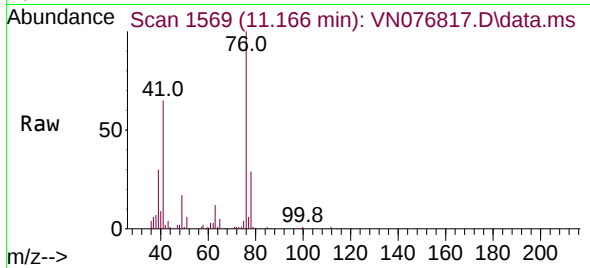
Tgt Ion: 69 Resp: 95243
Ion Ratio Lower Upper
69 100
41 76.1 55.1 82.7
39 46.2 30.7 46.1#





#57
1,3-Dichloropropane
Concen: 20.300 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

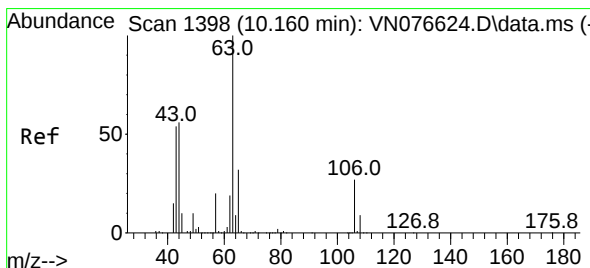
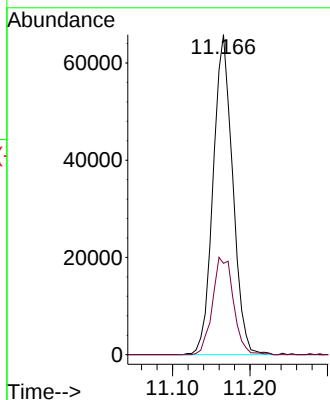
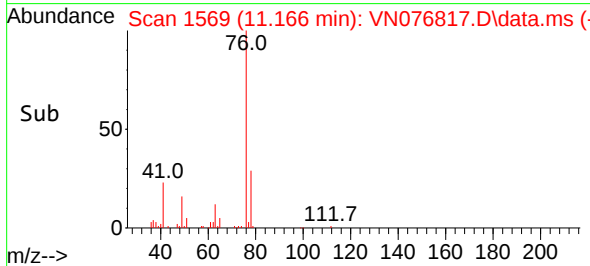
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 76 Resp: 115252
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

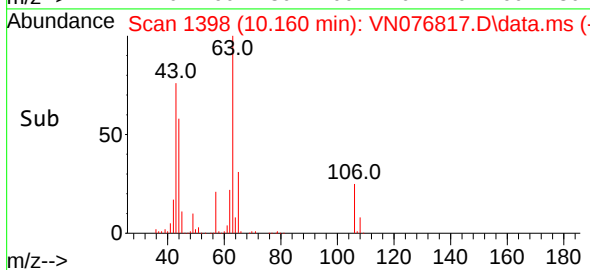
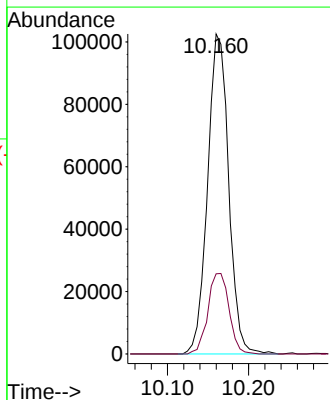
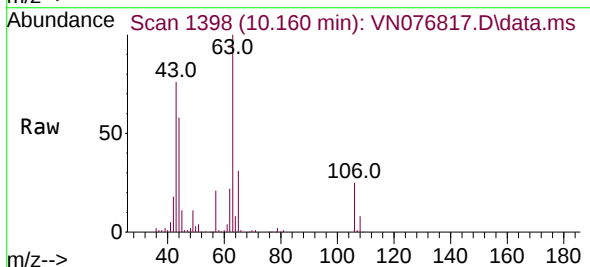
Manual Integrations
APPROVED

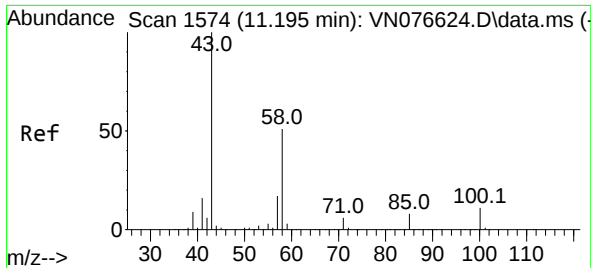
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 86.818 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion: 63 Resp: 184950
Ion Ratio Lower Upper
63 100
106 25.3 22.3 33.5





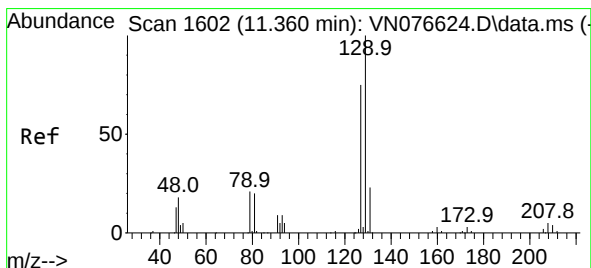
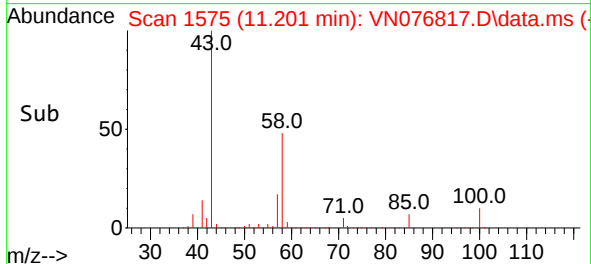
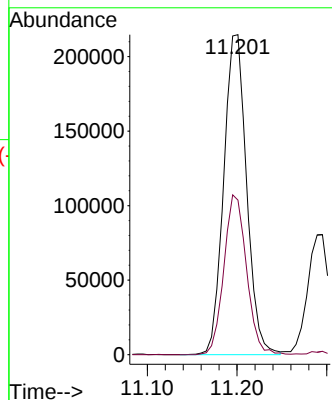
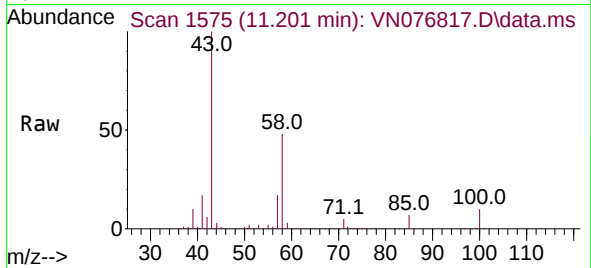
#59
2-Hexanone
Concen: 110.655 ug/l
RT: 11.201 min Scan# 11201
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 43 Resp: 380960
Ion Ratio Lower Upper
43 100
58 49.4 25.4 76.0

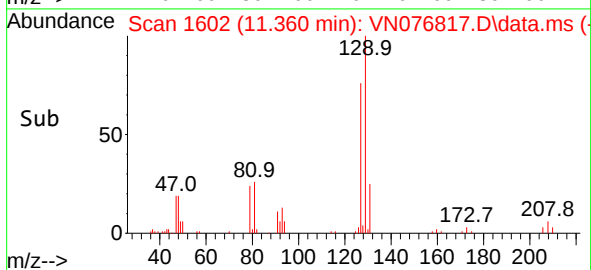
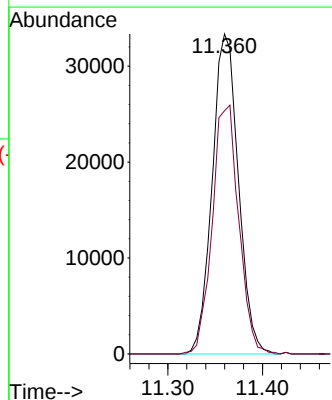
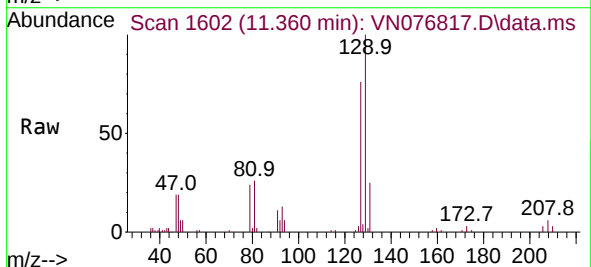
Manual Integrations
APPROVED

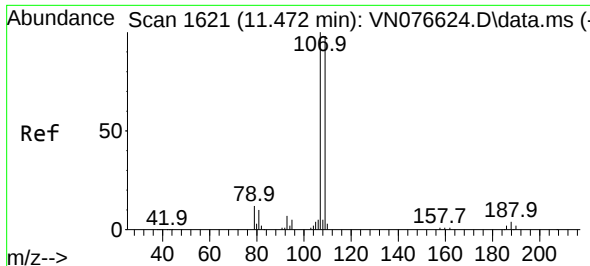
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
Dibromochloromethane
Concen: 18.424 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

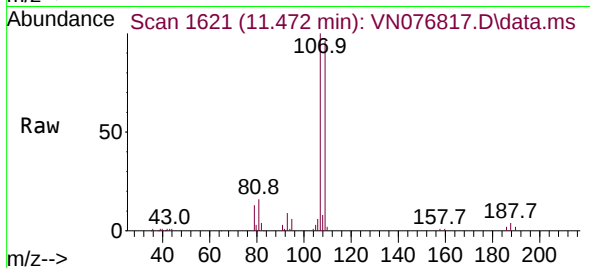
Tgt Ion:129 Resp: 64168
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.725 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

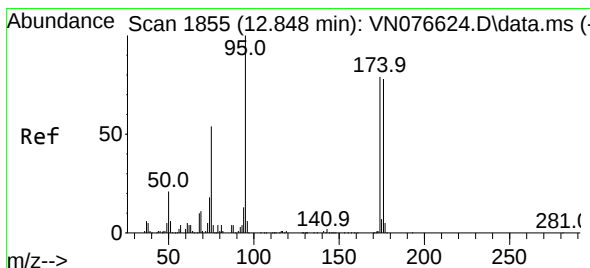
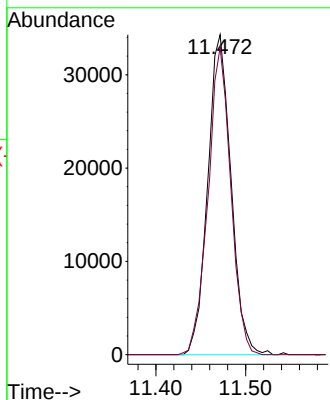
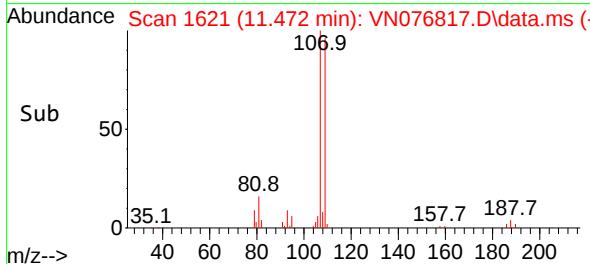
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



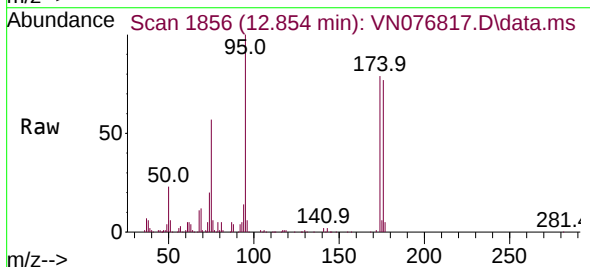
Tgt Ion:107 Resp: 61938
Ion Ratio Lower Upper
107 100
109 93.4 76.8 115.2

Manual Integrations
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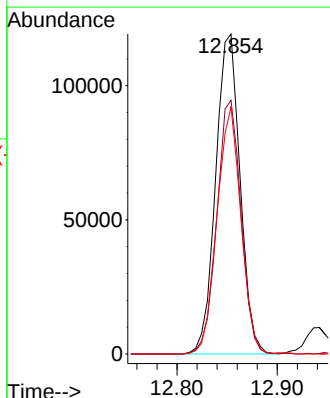
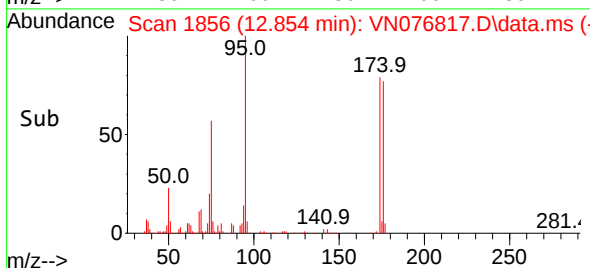
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

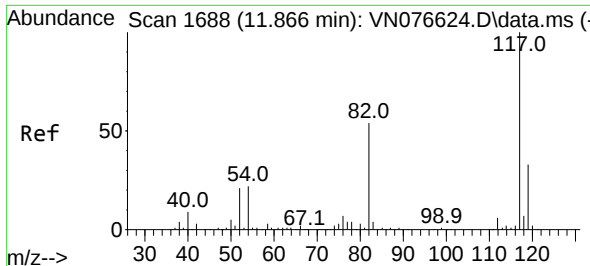


#62
4-Bromofluorobenzene
Concen: 53.675 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03



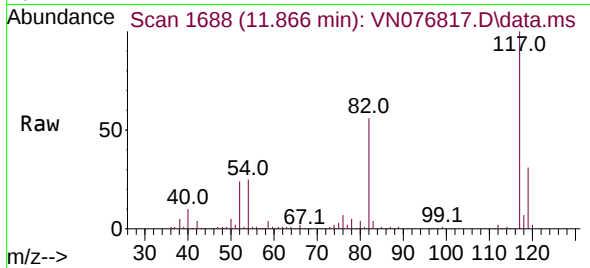
Tgt Ion: 95 Resp: 201414
Ion Ratio Lower Upper
95 100
174 78.6 0.0 169.2
176 75.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

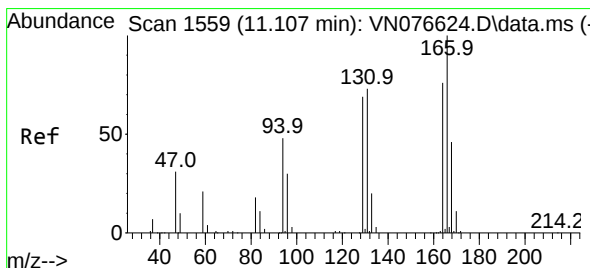
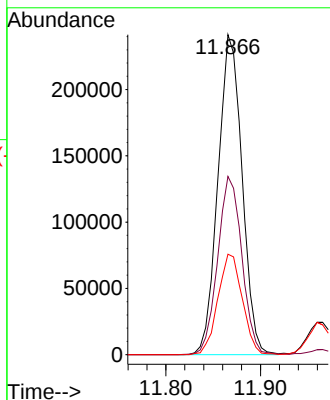
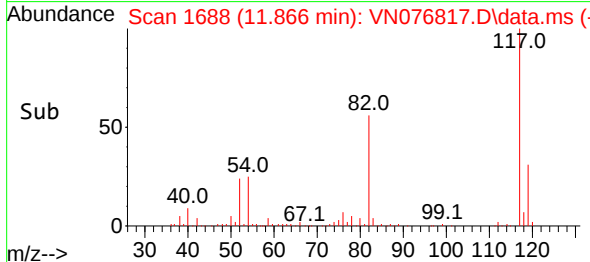
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



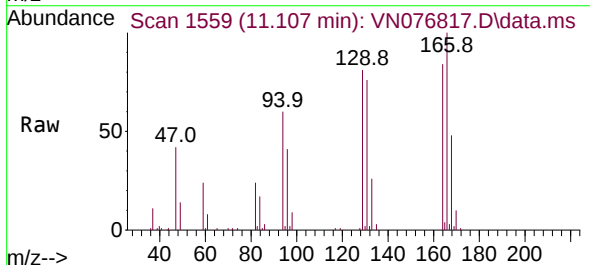
Tgt Ion:117 Resp: 427200
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.2
119 31.4 26.1 39.1

Manual Integrations
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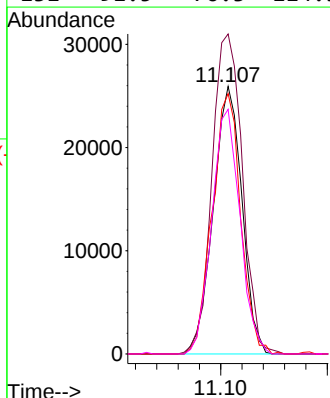
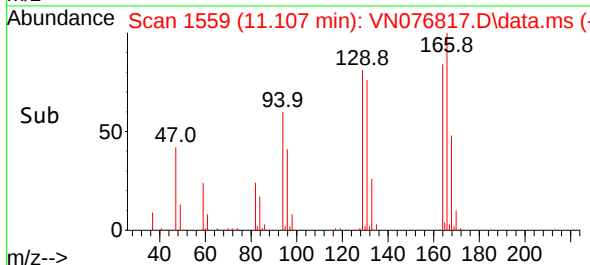
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

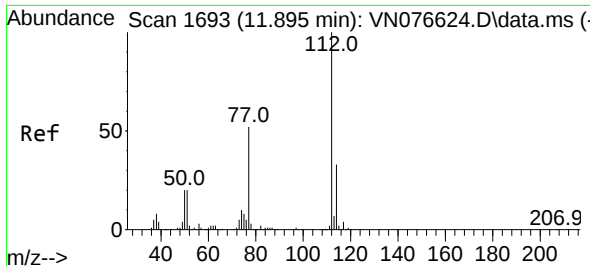


#64
Tetrachloroethene
Concen: 17.973 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03



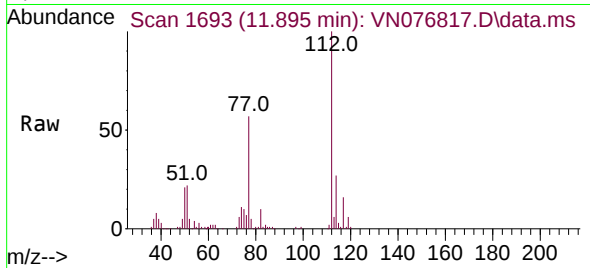
Tgt Ion:164 Resp: 48386
Ion Ratio Lower Upper
164 100
166 119.6 104.8 157.2
129 97.3 72.2 108.2
131 91.5 76.3 114.5





#65
Chlorobenzene
Concen: 18.482 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

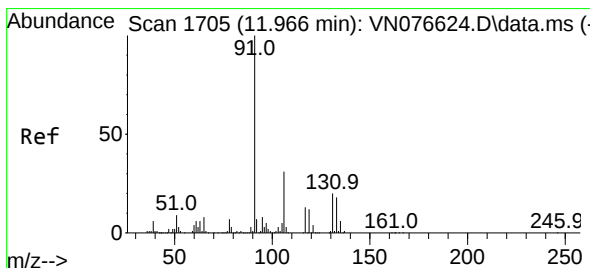
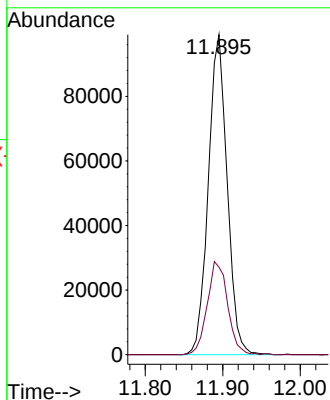
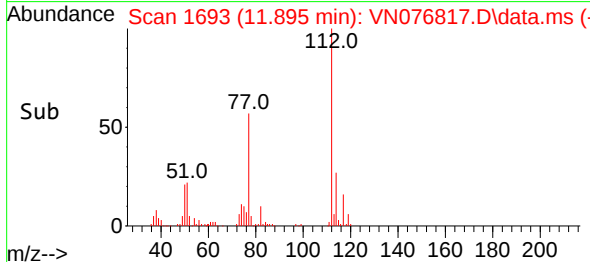
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:112 Resp: 167320
Ion Ratio Lower Upper
112 100
114 27.3 26.4 39.6

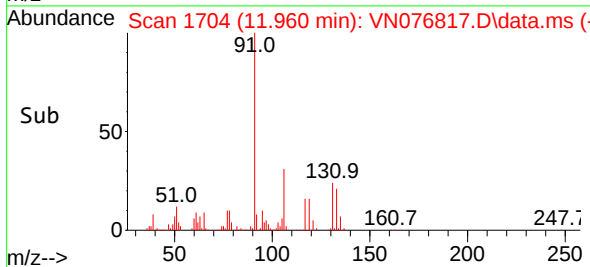
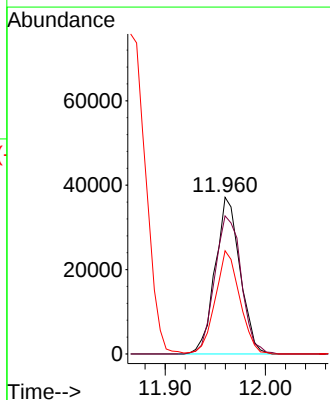
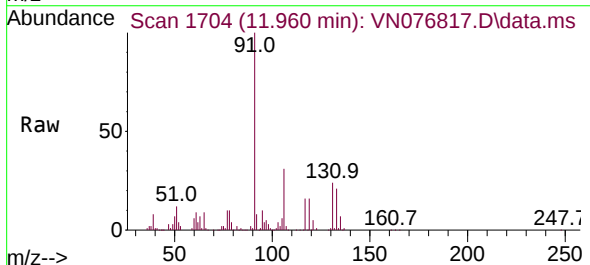
Manual Integrations
APPROVED

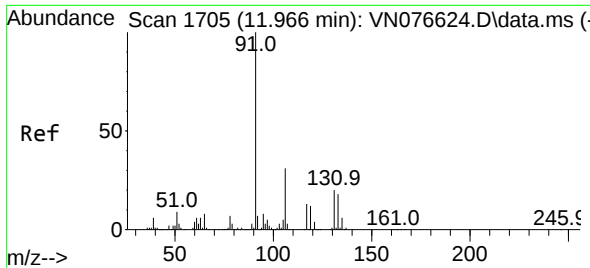
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.448 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

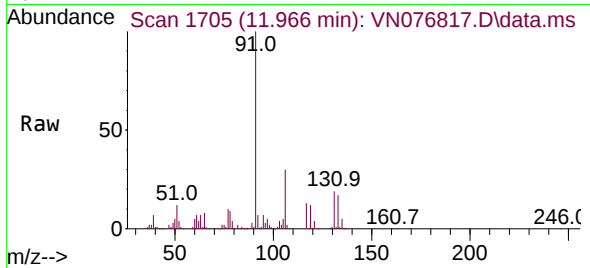
Tgt Ion:131 Resp: 63956
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.0
119 65.0 32.3 96.8





#67
Ethyl Benzene
Concen: 19.952 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

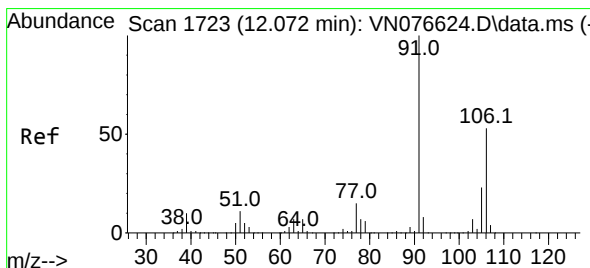
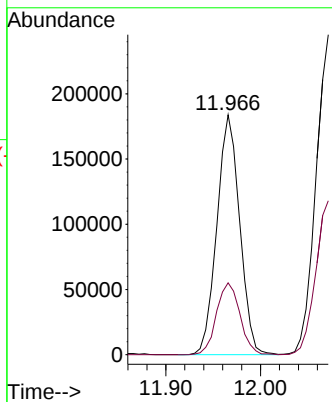
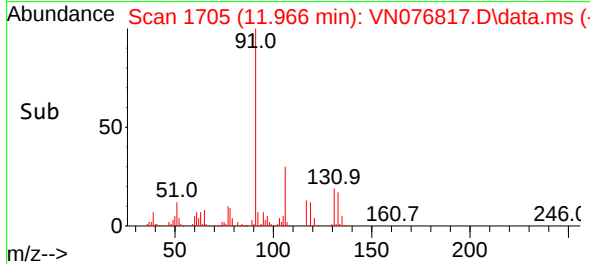
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



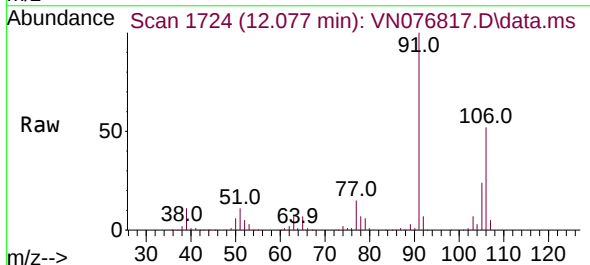
Tgt Ion: 91 Resp: 307749
Ion Ratio Lower Upper
91 100
106 29.9 25.1 37.7

Manual Integrations
APPROVED

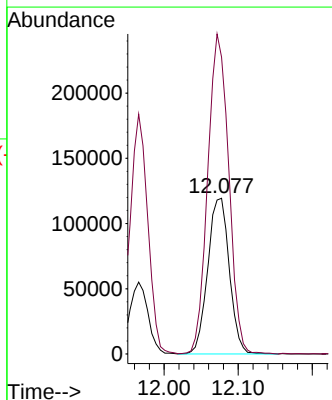
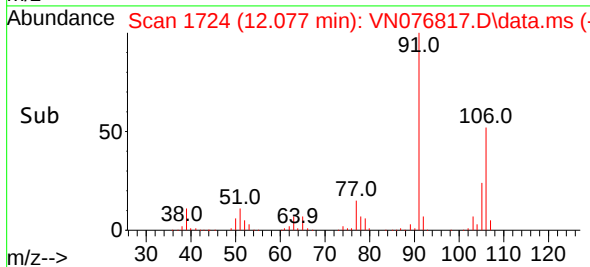
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

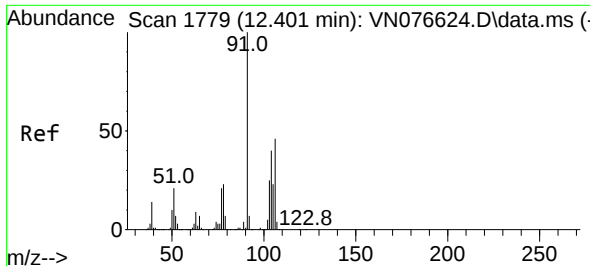


#68
m/p-Xylenes
Concen: 40.612 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03



Tgt Ion:106 Resp: 241455
Ion Ratio Lower Upper
106 100
91 200.4 154.7 232.1





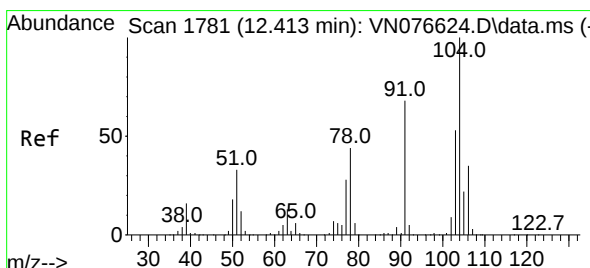
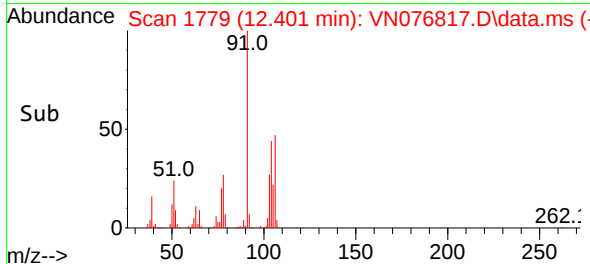
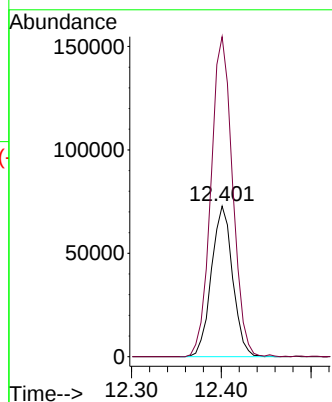
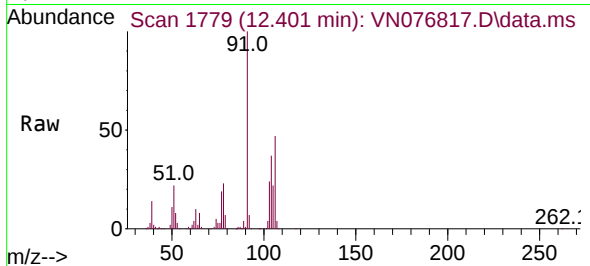
#69
o-Xylene
Concen: 20.620 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion:106 Resp: 11956
Ion Ratio Lower Upper
106 100
91 216.6 105.8 317.4

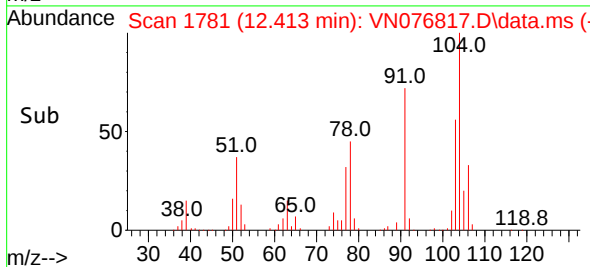
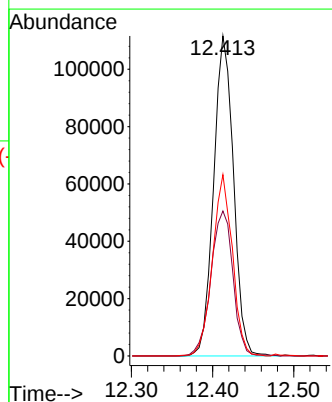
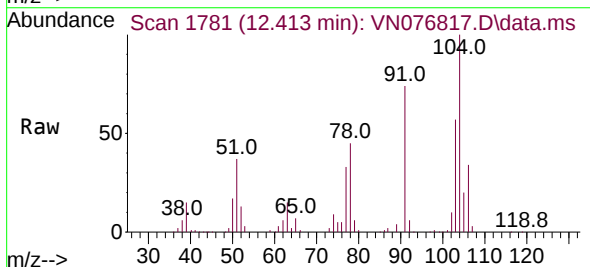
Manual Integrations
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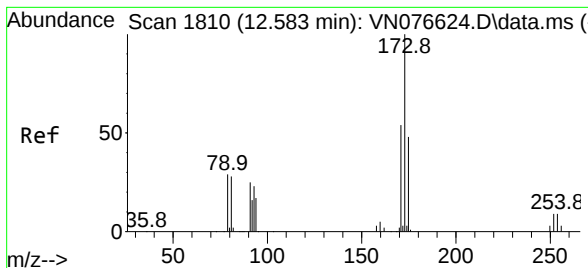
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
Styrene
Concen: 20.247 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

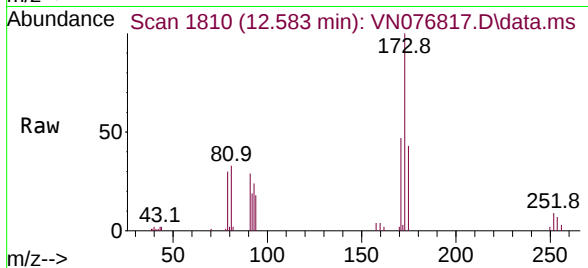
Tgt Ion:104 Resp: 189845
Ion Ratio Lower Upper
104 100
78 50.3 38.2 57.4
103 56.9 44.2 66.4





#71
Bromoform
Concen: 18.755 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

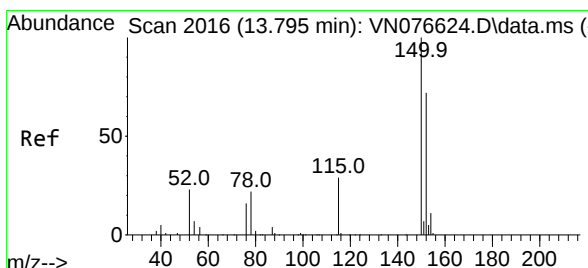
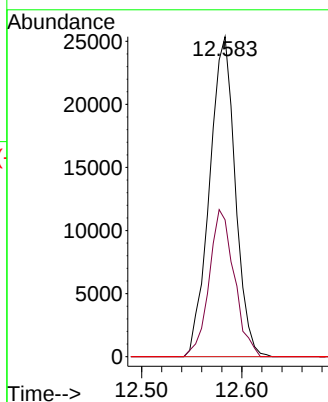
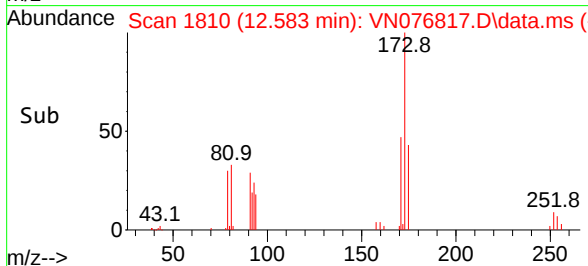
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:173 Resp: 45240
Ion Ratio Lower Upper
173 100
175 44.9 24.9 74.7
254 0.0 0.1 0.1

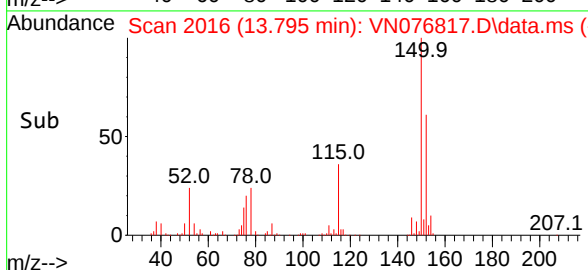
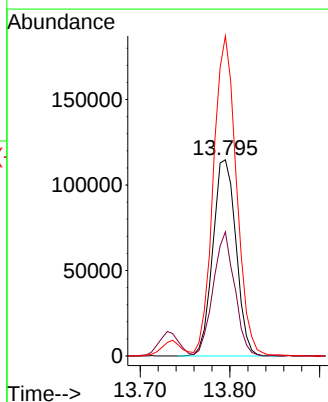
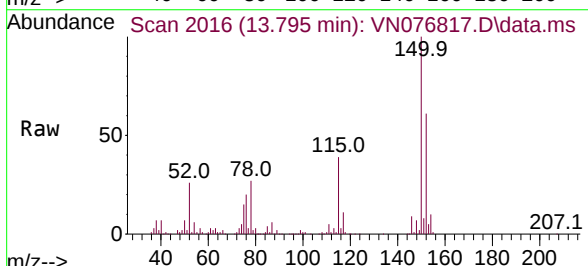
Manual Integrations
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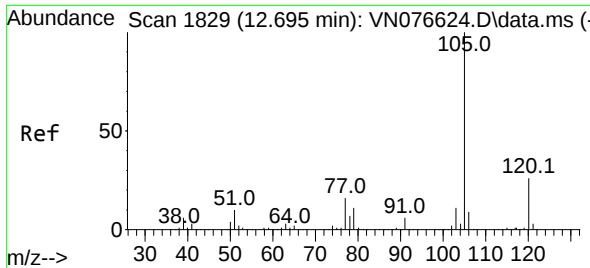
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion:152 Resp: 205575
Ion Ratio Lower Upper
152 100
115 58.7 29.3 87.9
150 162.5 0.0 349.8





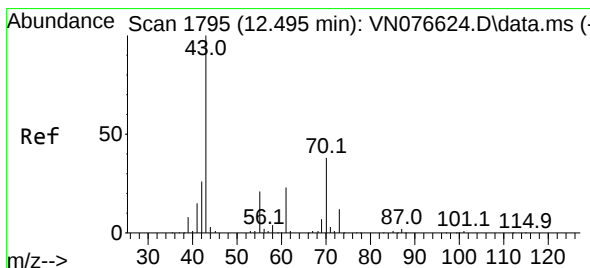
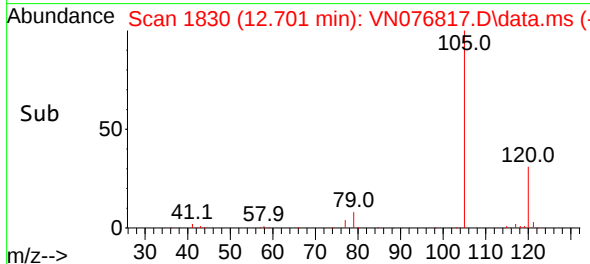
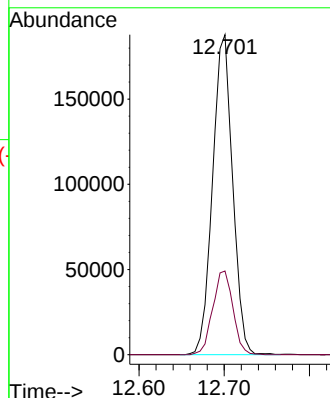
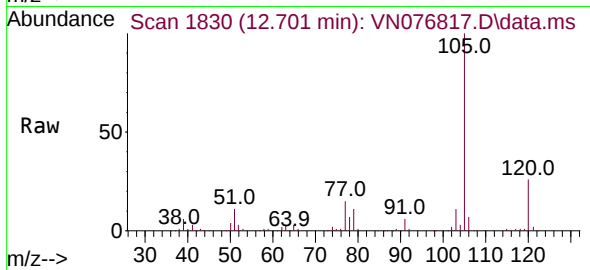
#73
Isopropylbenzene
Concen: 20.356 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion:105 Resp: 306719
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0

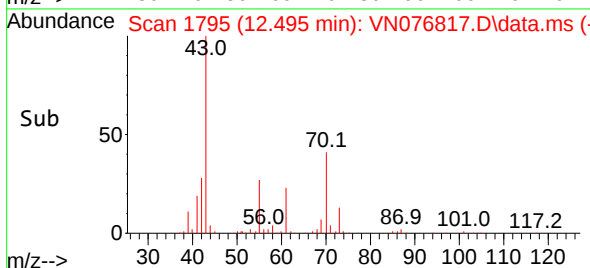
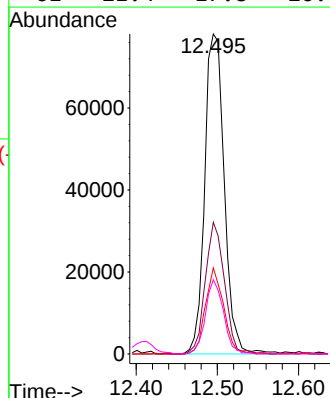
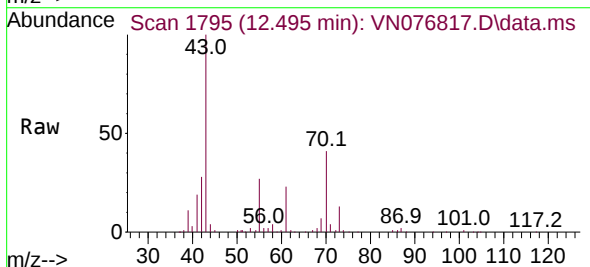
Manual Integrations
APPROVED

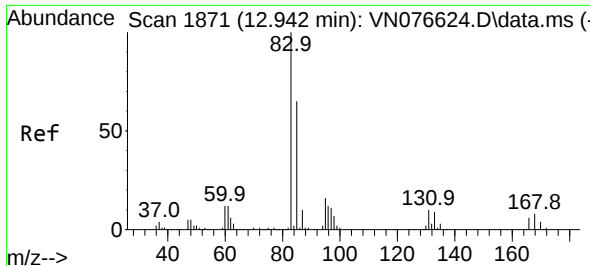
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
N-ethyl acetate
Concen: 19.269 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion: 43 Resp: 130870
Ion Ratio Lower Upper
43 100
70 40.3 30.5 45.7
55 25.0 17.8 26.8
61 21.4 17.8 26.8





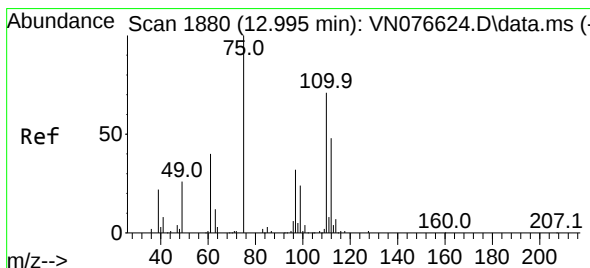
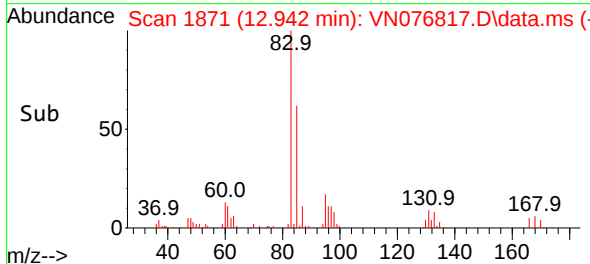
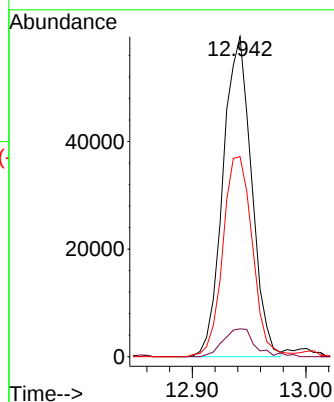
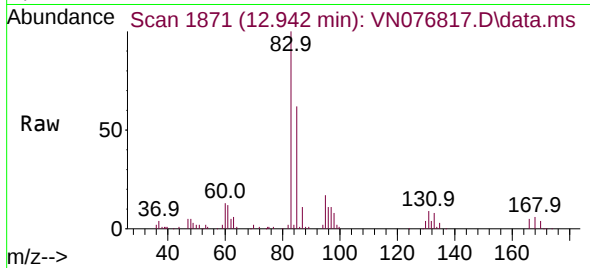
#75
1,1,2,2-Tetrachloroethane
Concen: 19.036 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 83 Resp: 10382
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.8 31.8 95.3

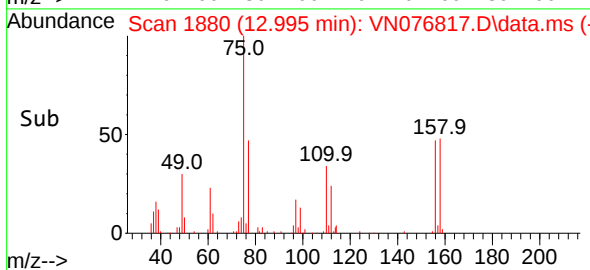
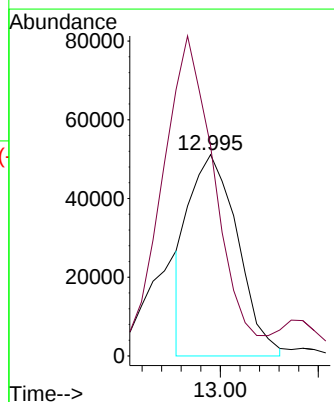
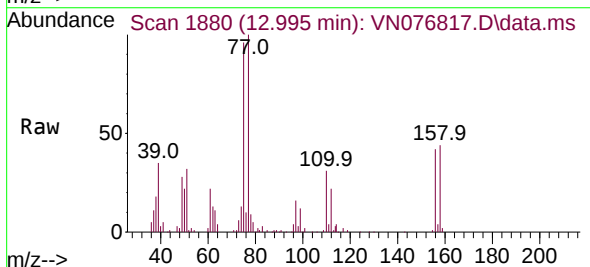
Manual Integrations
APPROVED

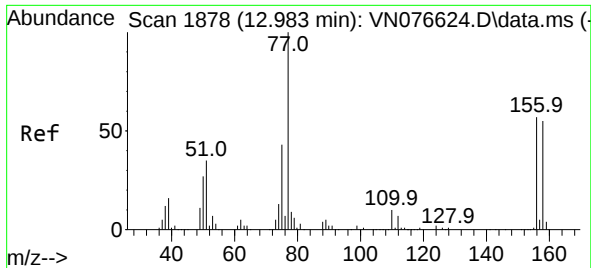
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#76
1,2,3-Trichloropropane
Concen: 21.302 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

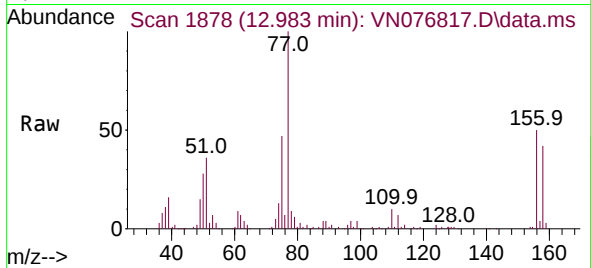
Tgt Ion: 75 Resp: 88534
Ion Ratio Lower Upper
75 100
77 174.7 93.1 279.3





#77
Bromobenzene
Concen: 18.439 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

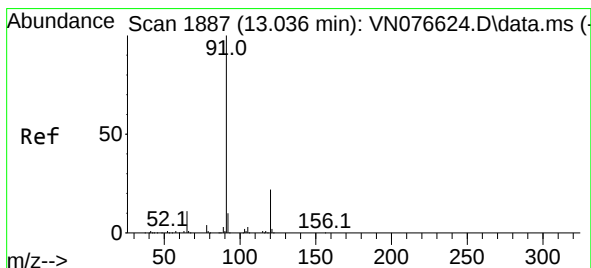
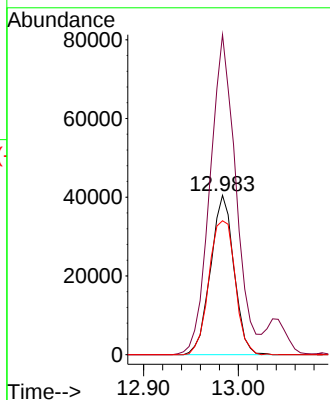
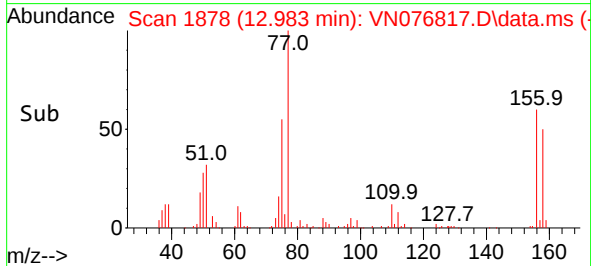
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



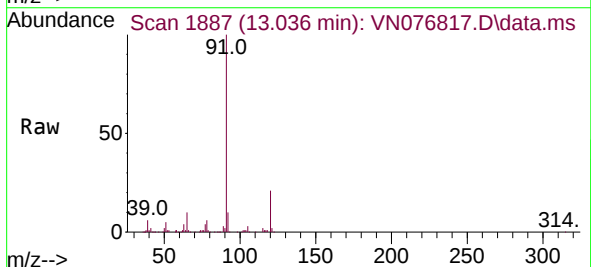
Tgt Ion:156 Resp: 6932
Ion Ratio Lower Upper
156 100
77 223.1 102.8 308.4
158 94.0 48.9 146.6

Manual Integrations
APPROVED

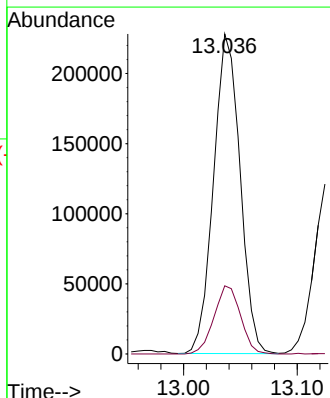
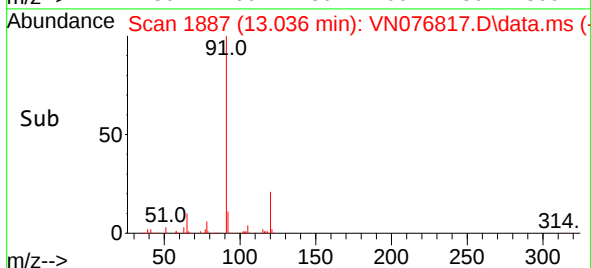
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

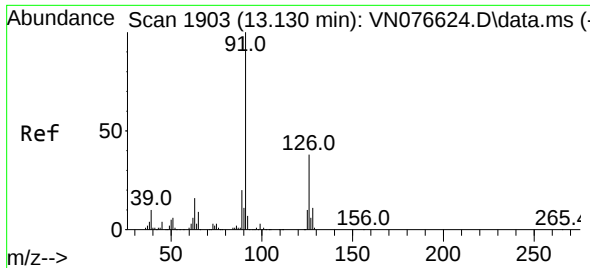


#78
n-propylbenzene
Concen: 20.900 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03



Tgt Ion: 91 Resp: 369795
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.5





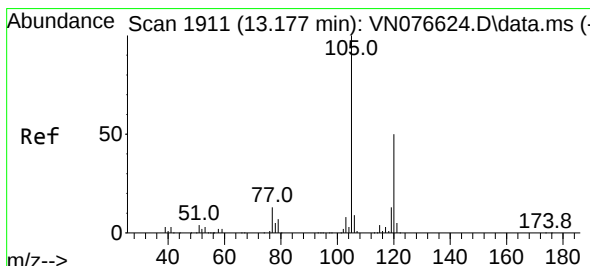
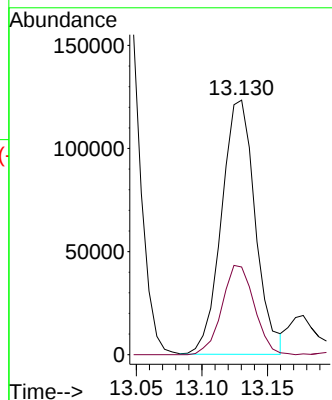
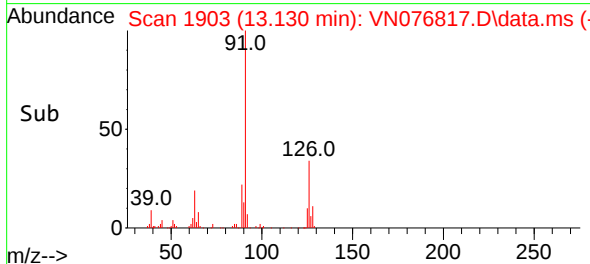
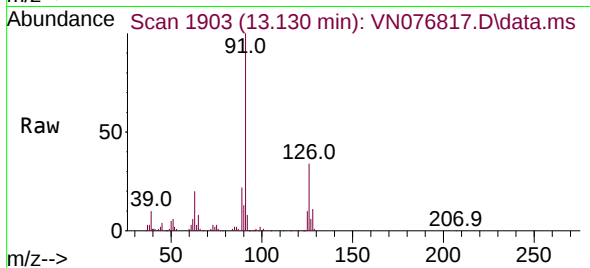
#79
2-Chlorotoluene
Concen: 20.384 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 91 Resp: 220834
Ion Ratio Lower Upper
91 100
126 33.6 17.7 53.1

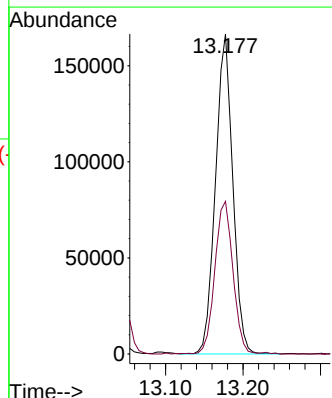
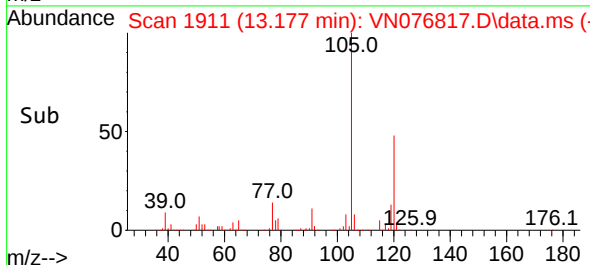
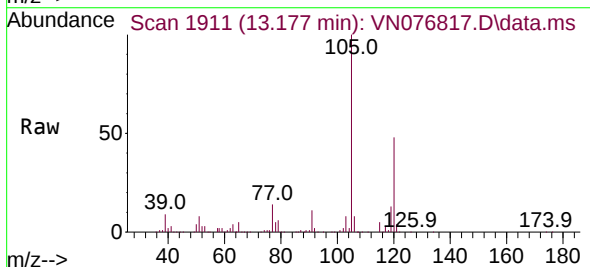
Manual Integrations
APPROVED

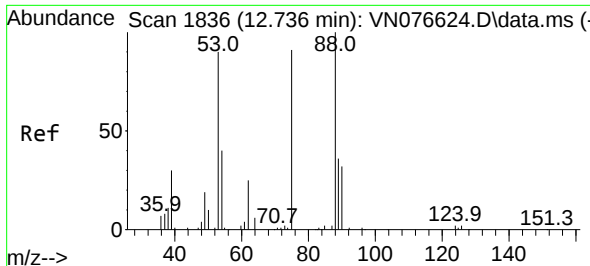
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.699 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

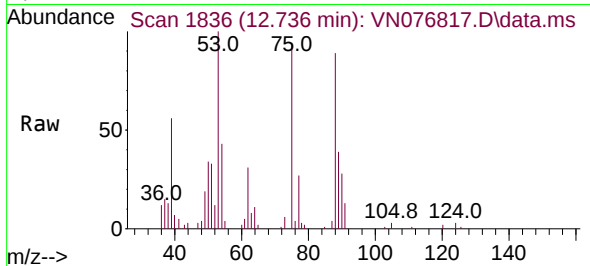
Tgt Ion:105 Resp: 257753
Ion Ratio Lower Upper
105 100
120 49.6 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.223 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

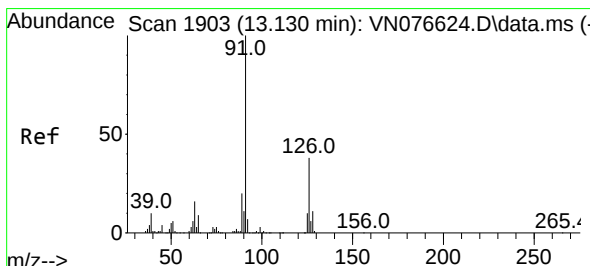
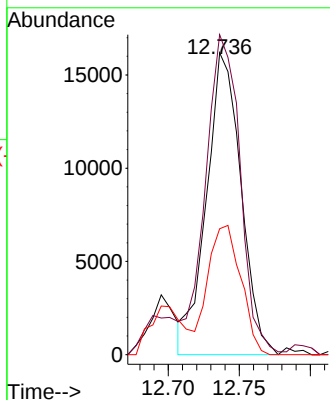
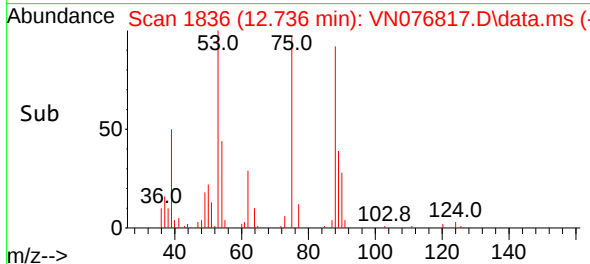
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



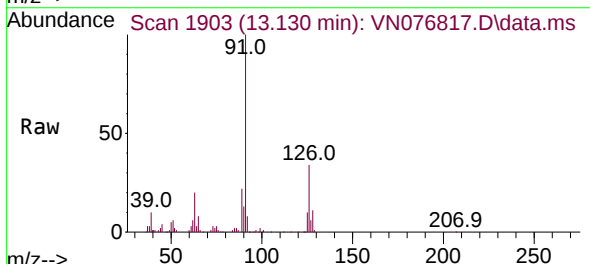
Tgt Ion: 75 Resp: 27430
Ion Ratio Lower Upper
75 100
53 104.8 92.1 138.1
89 40.3 37.5 56.3

Manual Integrations
APPROVED

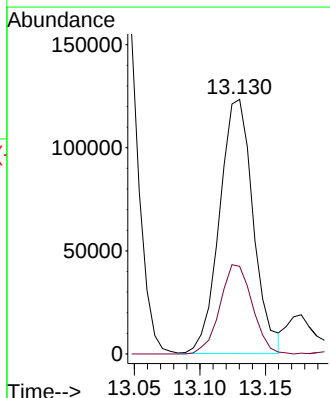
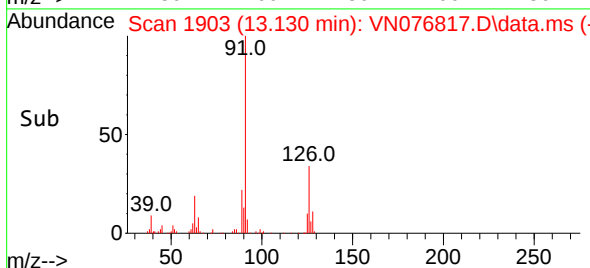
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

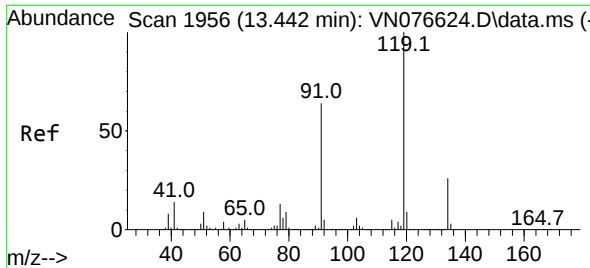


#82
4-Chlorotoluene
Concen: 20.384 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03



Tgt Ion: 91 Resp: 220834
Ion Ratio Lower Upper
91 100
126 33.6 17.7 53.1





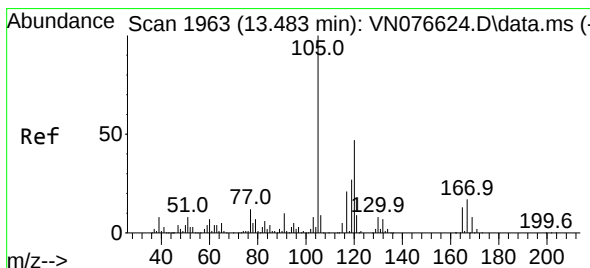
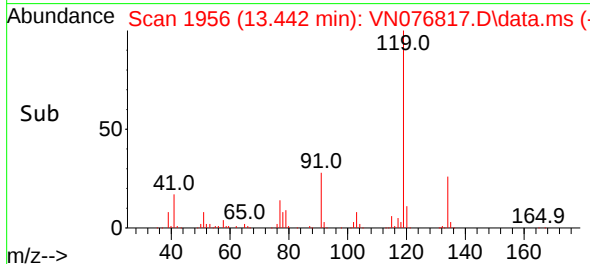
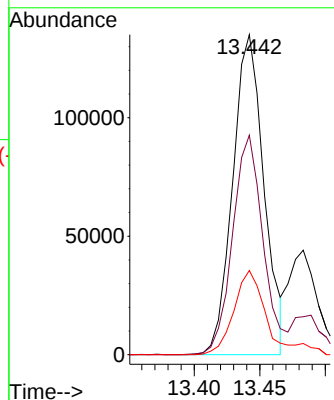
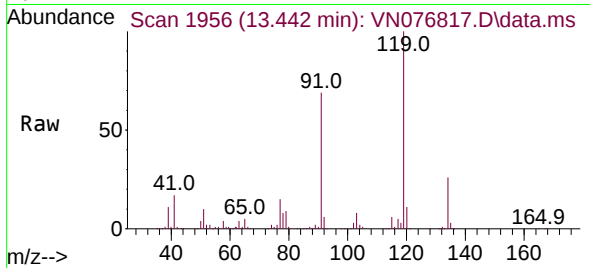
#83
tert-Butylbenzene
Concen: 19.882 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion:119 Resp: 223970
Ion Ratio Lower Upper
119 100
91 67.6 32.0 96.2
134 27.9 13.8 41.4

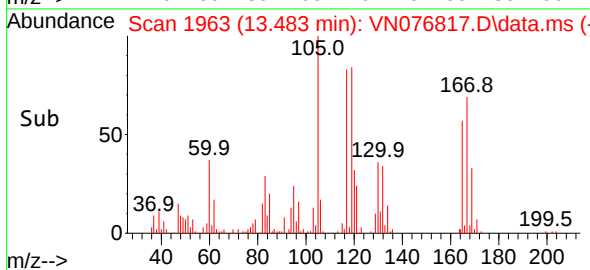
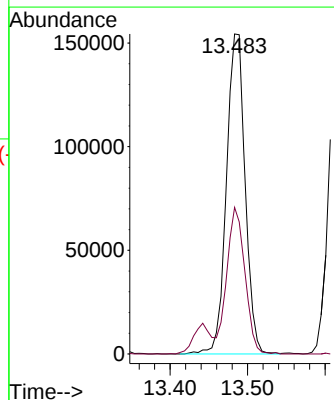
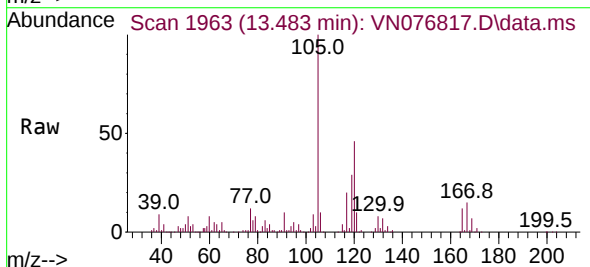
Manual Integrations
APPROVED

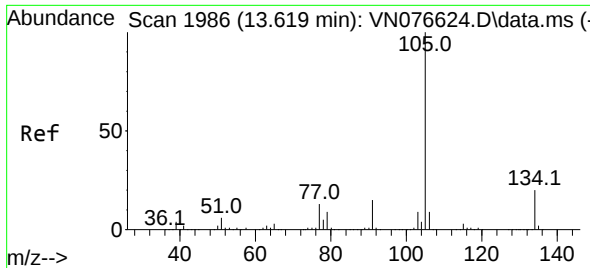
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.863 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

Tgt Ion:105 Resp: 258926
Ion Ratio Lower Upper
105 100
120 44.1 23.0 69.0





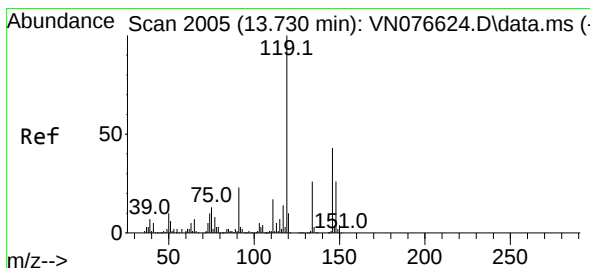
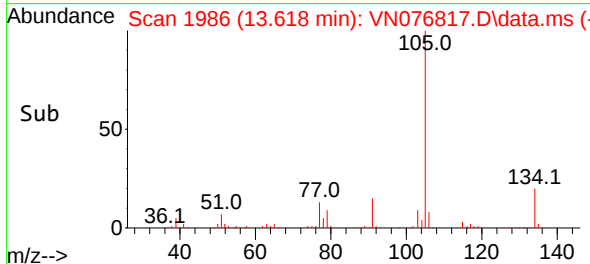
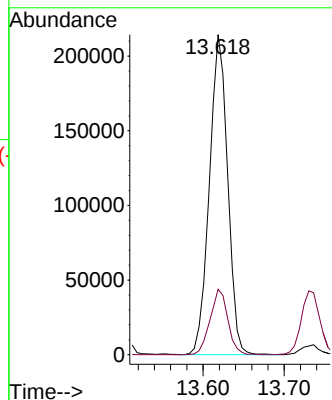
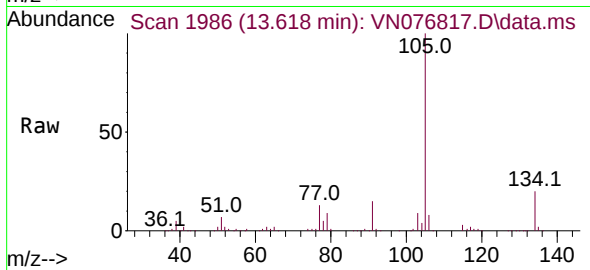
#85
 sec-Butylbenzene
 Concen: 21.284 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076817.D
 Acq: 27 Feb 2023 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Tgt Ion:105 Resp: 33475
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.5 31.5

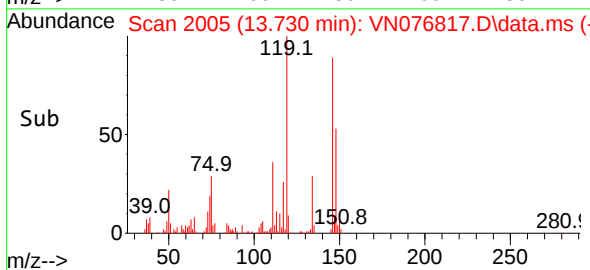
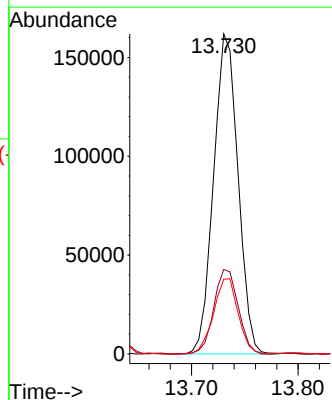
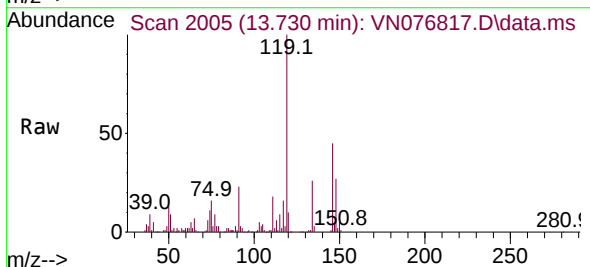
Manual Integrations
 APPROVED

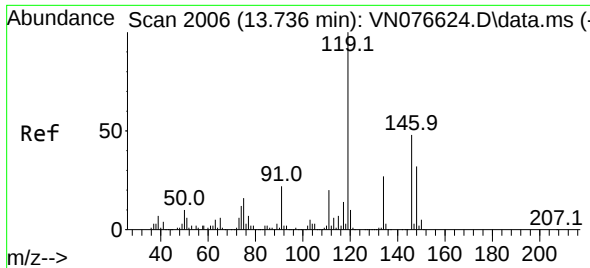
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#86
 p-Isopropyltoluene
 Concen: 20.546 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076817.D
 Acq: 27 Feb 2023 11:03

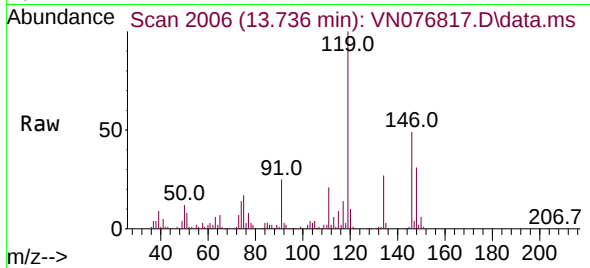
Tgt Ion:119 Resp: 258043
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 23.8 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 18.874 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

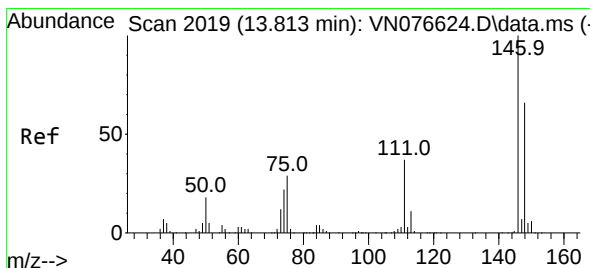
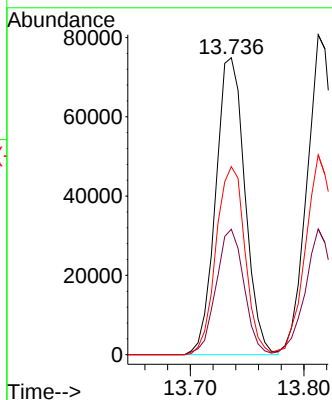
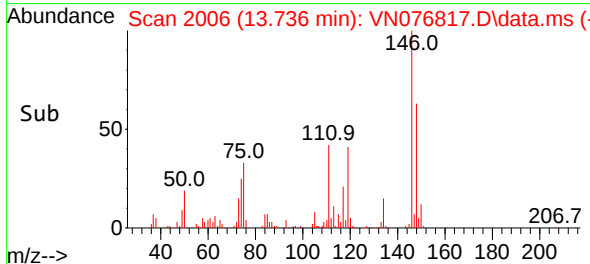
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:146 Resp: 13412
Ion Ratio Lower Upper
146 100
111 40.4 19.8 59.4
148 62.5 32.0 96.2

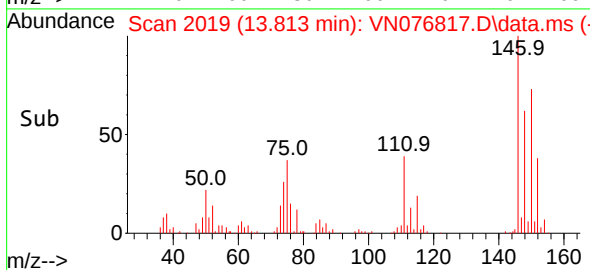
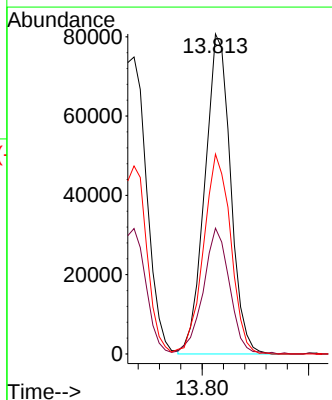
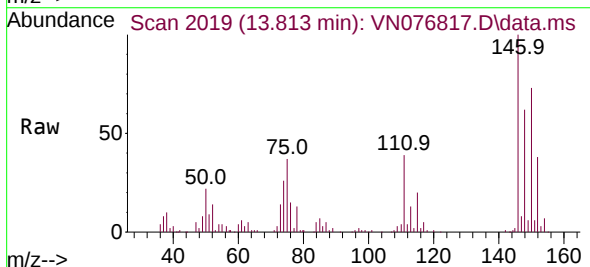
Manual Integrations
APPROVED

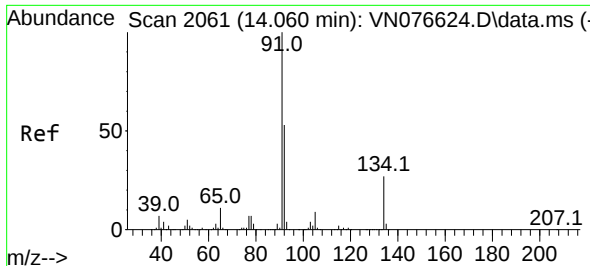
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#88
1,4-Dichlorobenzene
Concen: 19.148 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

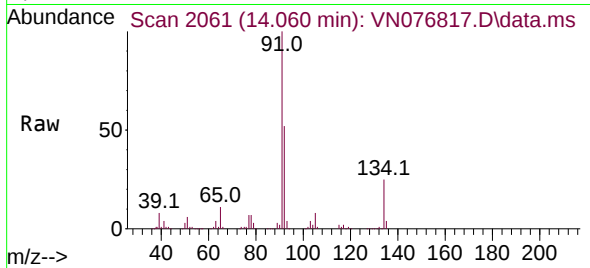
Tgt Ion:146 Resp: 135509
Ion Ratio Lower Upper
146 100
111 40.4 19.4 58.1
148 66.2 32.7 98.1





#89
n-Butylbenzene
Concen: 19.954 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

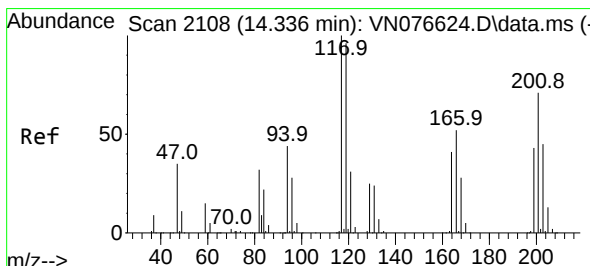
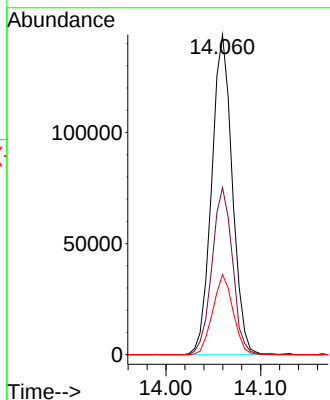
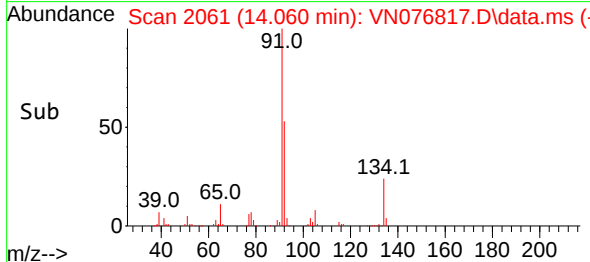
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 91 Resp: 217962
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 24.7 13.2 39.5

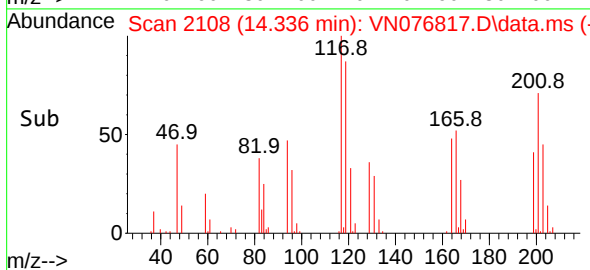
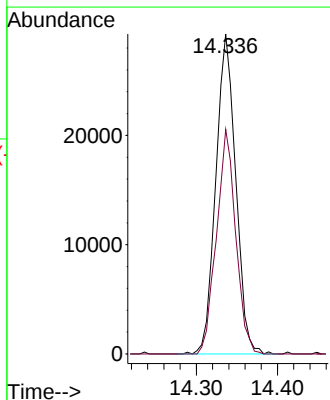
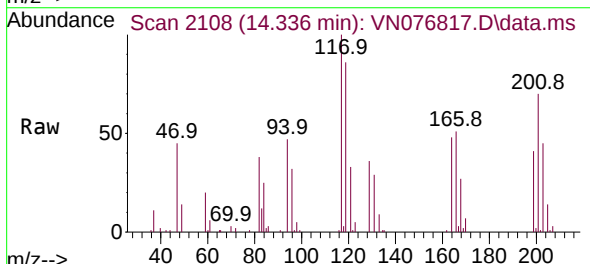
Manual Integrations
APPROVED

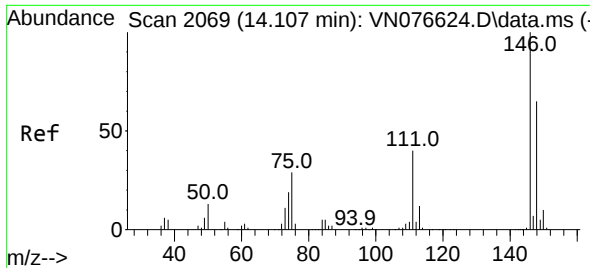
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
Hexachloroethane
Concen: 18.975 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

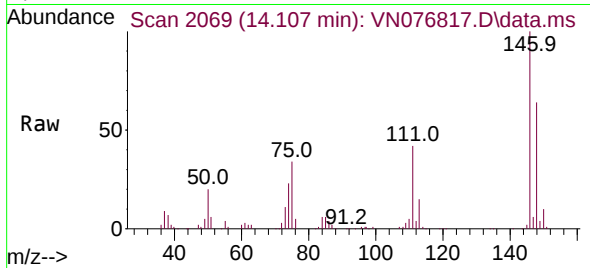
Tgt Ion:117 Resp: 49899
Ion Ratio Lower Upper
117 100
201 67.9 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 18.526 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

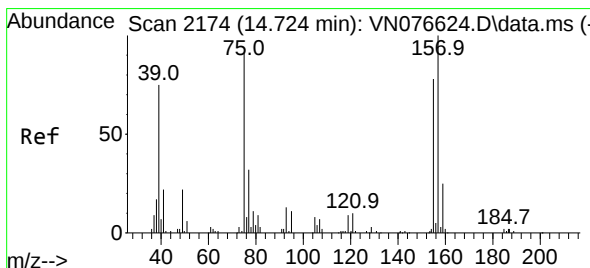
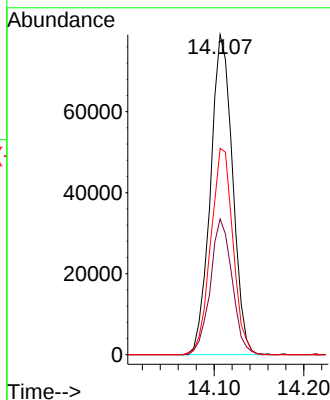
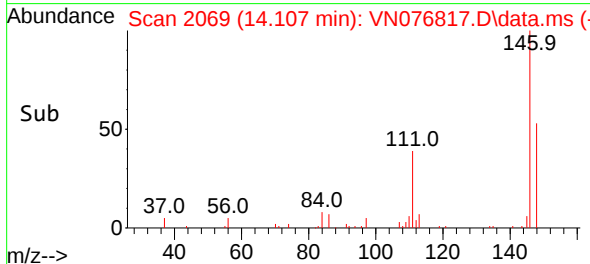
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:146 Resp: 13497
Ion Ratio Lower Upper
146 100
111 41.8 20.0 59.9
148 65.0 32.4 97.2

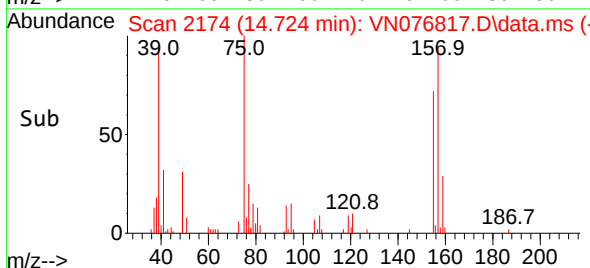
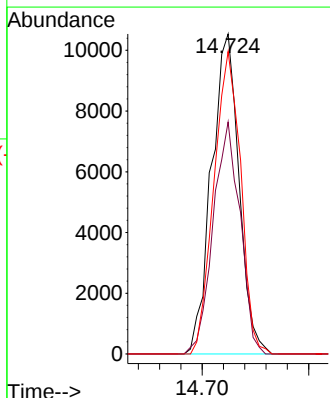
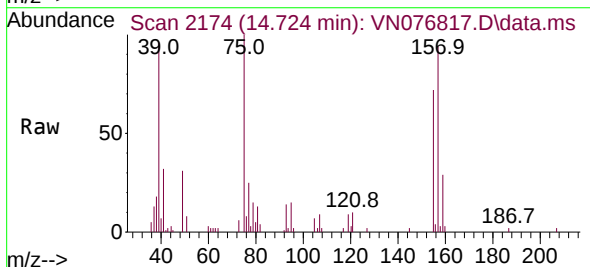
Manual Integrations
APPROVED

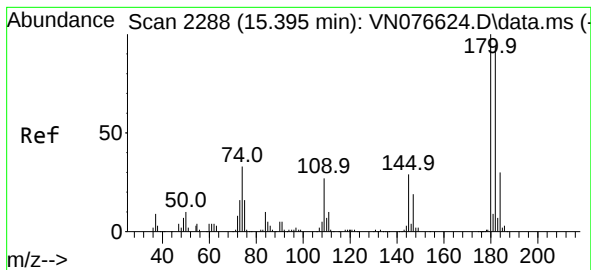
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.813 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

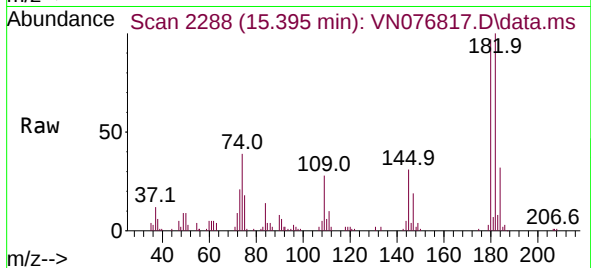
Tgt Ion: 75 Resp: 18823
Ion Ratio Lower Upper
75 100
155 70.9 43.4 130.2
157 92.2 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 16.429 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

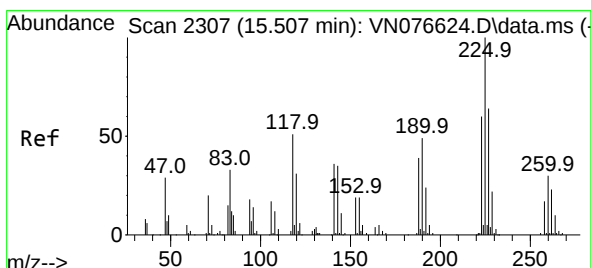
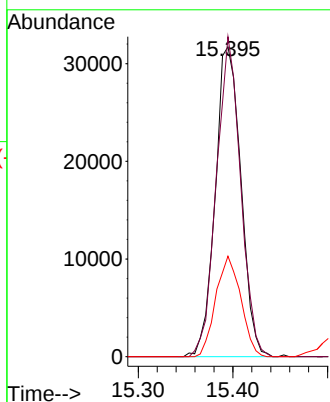
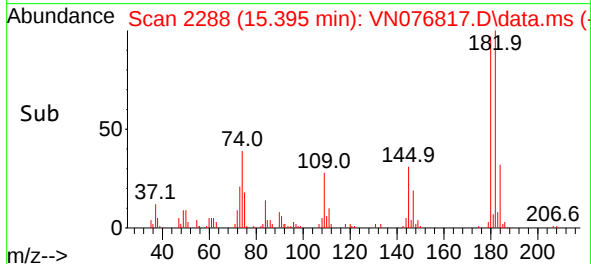
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



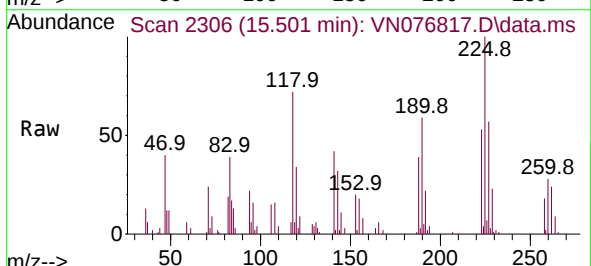
Tgt Ion:180 Resp: 5970
Ion Ratio Lower Upper
180 100
182 97.4 48.0 144.0
145 31.6 15.2 45.6

Manual Integrations
APPROVED

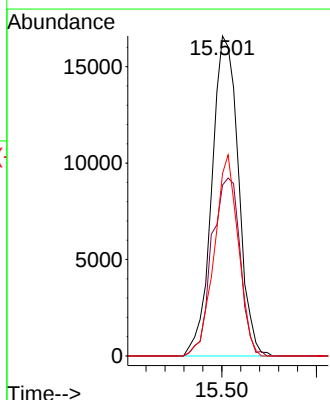
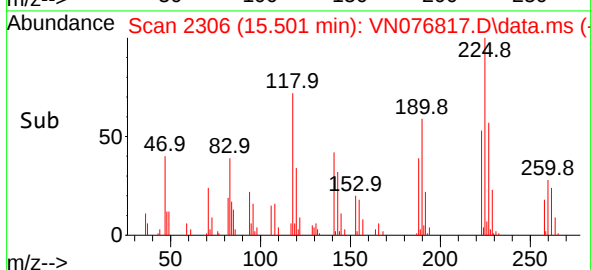
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

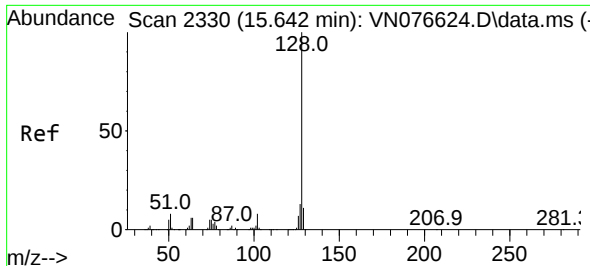


#94
Hexachlorobutadiene
Concen: 18.150 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03



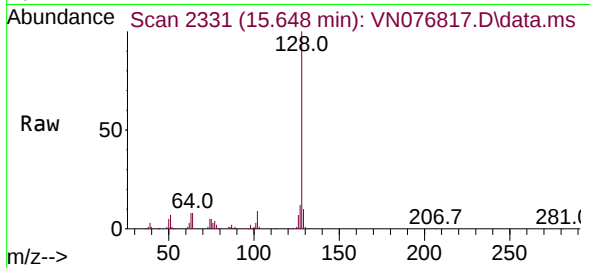
Tgt Ion:225 Resp: 32328
Ion Ratio Lower Upper
225 100
223 58.9 31.6 95.0
227 57.0 31.3 93.9





#95
Naphthalene
Concen: 17.355 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03

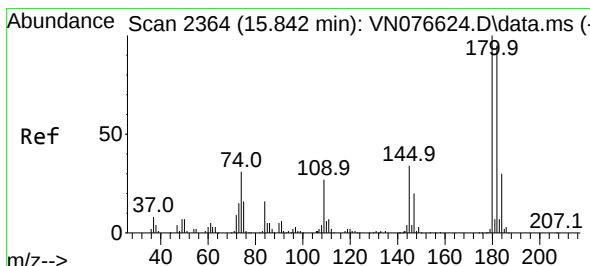
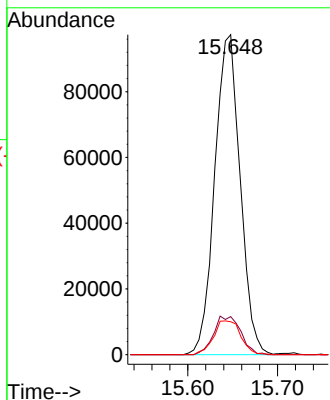
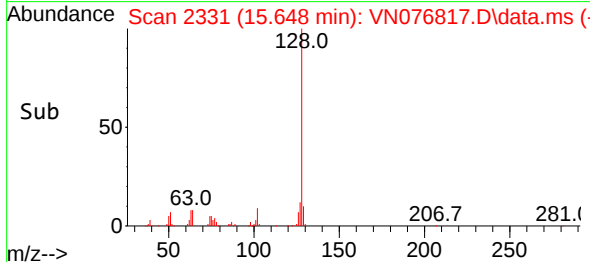
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



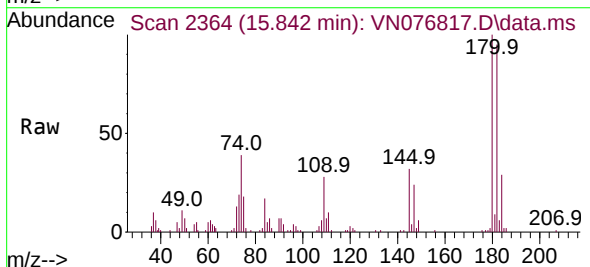
Tgt Ion:128 Resp: 19138
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.189 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076817.D
Acq: 27 Feb 2023 11:03



Tgt Ion:180 Resp: 60520
Ion Ratio Lower Upper
180 100
182 98.7 46.7 140.1
145 32.7 16.0 47.9

