

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076656.D
 Acq On : 14 Feb 2023 12:53
 Operator : JC\MD
 Sample : VN0214WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/15/2023

Quant Time: Feb 14 15:17:25 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	305751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	538862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	502416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	238941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	203530	48.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.420%		
35) Dibromofluoromethane	8.172	113	163411	46.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.620%		
50) Toluene-d8	10.572	98	616144	46.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.500%		
62) 4-Bromofluorobenzene	12.854	95	209368	47.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	66855	20.593	ug/l	93
3) Chloromethane	2.372	50	78179	18.457	ug/l	100
4) Vinyl Chloride	2.531	62	80866	19.398	ug/l	96
5) Bromomethane	2.966	94	56794	22.485	ug/l	96
6) Chloroethane	3.137	64	54295	20.609	ug/l	94
7) Trichlorofluoromethane	3.513	101	108357	19.104	ug/l	96
8) Diethyl Ether	3.966	74	45464	20.801	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	64916	19.478	ug/l	99
10) Methyl Iodide	4.602	142	80702	19.608	ug/l	96
11) Tert butyl alcohol	5.531	59	60050	107.754	ug/l	98
12) 1,1-Dichloroethene	4.354	96	60633	19.213	ug/l	92
13) Acrolein	4.184	56	87809	104.952	ug/l	100
14) Allyl chloride	5.031	41	111186	20.333	ug/l	97
15) Acrylonitrile	5.731	53	211531	106.954	ug/l	99
16) Acetone	4.437	43	176243	93.453	ug/l	100
17) Carbon Disulfide	4.719	76	160281	19.236	ug/l #	94
18) Methyl Acetate	5.043	43	131040	21.287	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	233254	21.922	ug/l	95
20) Methylene Chloride	5.296	84	77380	19.577	ug/l	97
21) trans-1,2-Dichloroethene	5.796	96	69629	19.600	ug/l	88
22) Diisopropyl ether	6.684	45	278983	21.752	ug/l	96
23) Vinyl Acetate	6.613	43	944833	124.509	ug/l	98
24) 1,1-Dichloroethane	6.578	63	141328	20.106	ug/l	99
25) 2-Butanone	7.490	43	289232	103.971	ug/l	99
26) 2,2-Dichloropropane	7.501	77	104611	20.633	ug/l	98
27) cis-1,2-Dichloroethene	7.501	96	82750	19.639	ug/l	96
28) Bromochloromethane	7.819	49	62408	18.654	ug/l	91
29) Tetrahydrofuran	7.848	42	186982	102.877	ug/l	99
30) Chloroform	7.972	83	140377	19.988	ug/l	98
31) Cyclohexane	8.260	56	134269	20.274	ug/l	93
32) 1,1,1-Trichloroethane	8.178	97	119170	20.181	ug/l	98
36) 1,1-Dichloropropene	8.378	75	100666	19.744	ug/l	99
37) Ethyl Acetate	7.566	43	118898	22.164	ug/l	98
38) Carbon Tetrachloride	8.366	117	99755	19.394	ug/l	97
39) Methylcyclohexane	9.601	83	122169	21.080	ug/l	92
40) Benzene	8.613	78	324353	20.715	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.778	41	66077	21.262	ug/l	96
42) 1,2-Dichloroethane	8.678	62	111413	20.402	ug/l	100
43) Isopropyl Acetate	8.695	43	192505	22.053	ug/l	99
44) Trichloroethene	9.354	130	70970	19.181	ug/l	84
45) 1,2-Dichloropropane	9.625	63	84965	20.499	ug/l	94
46) Dibromomethane	9.713	93	57217	21.593	ug/l	96
47) Bromodichloromethane	9.889	83	111795	21.043	ug/l #	96
48) Methyl methacrylate	9.684	41	93005	22.453	ug/l	96
49) 1,4-Dioxane	9.695	88	32656	455.750	ug/l #	80
51) 4-Methyl-2-Pentanone	10.448	43	612516	110.284	ug/l	99
52) Toluene	10.631	92	202714	21.444	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	114668	22.362	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	130877	22.127	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	81338	21.160	ug/l	95
56) Ethyl methacrylate	10.878	69	119156	22.022	ug/l	95
57) 1,3-Dichloropropane	11.160	76	141647	21.448	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.160	63	275493	111.177	ug/l	97
59) 2-Hexanone	11.195	43	446692	111.544	ug/l	98
60) Dibromochloromethane	11.360	129	82138	20.275	ug/l	99
61) 1,2-Dibromoethane	11.472	107	80859	21.015	ug/l	94
64) Tetrachloroethene	11.107	164	61878	19.543	ug/l	94
65) Chlorobenzene	11.895	112	213737	20.074	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	75901	19.625	ug/l	98
67) Ethyl Benzene	11.966	91	374066	20.621	ug/l	97
68) m/p-Xylenes	12.072	106	296316	42.378	ug/l	96
69) o-Xylene	12.401	106	145114	21.280	ug/l	99
70) Styrene	12.413	104	229838	20.843	ug/l	96
71) Bromoform	12.583	173	58393	20.584	ug/l #	93
73) Isopropylbenzene	12.695	105	361142	20.621	ug/l	99
74) N-amyl acetate	12.495	43	171313	21.701	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	123351	19.458	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	87023m	18.015	ug/l	
77) Bromobenzene	12.983	156	87321	19.984	ug/l	97
78) n-propylbenzene	13.036	91	437156	21.257	ug/l	99
79) 2-Chlorotoluene	13.124	91	254949	20.247	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	314803	21.750	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	38766	23.373	ug/l	92
82) 4-Chlorotoluene	13.124	91	254949	20.247	ug/l	99
83) tert-Butylbenzene	13.442	119	271229	20.715	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	315351	21.862	ug/l	99
85) sec-Butylbenzene	13.619	105	396884	21.711	ug/l	97
86) p-Isopropyltoluene	13.730	119	327451	22.432	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	166045	20.103	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	169318	20.585	ug/l	98
89) n-Butylbenzene	14.060	91	277786	21.879	ug/l	98
90) Hexachloroethane	14.342	117	59820	19.572	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	172598	20.383	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.719	75	22697	18.480	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	86193	20.406	ug/l	99
94) Hexachlorobutadiene	15.501	225	41052	19.830	ug/l	99
95) Naphthalene	15.642	128	279733	21.824	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	86006	21.017	ug/l	98

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MSVOA_N
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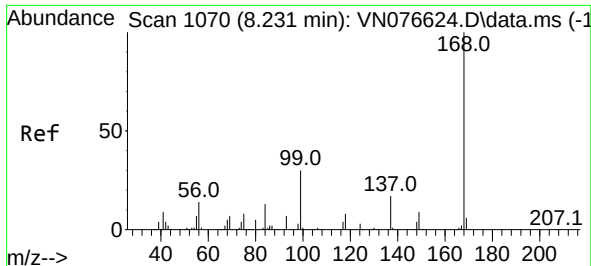
Manual Integrations
APPROVED

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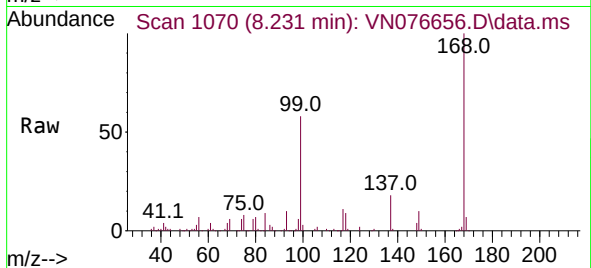
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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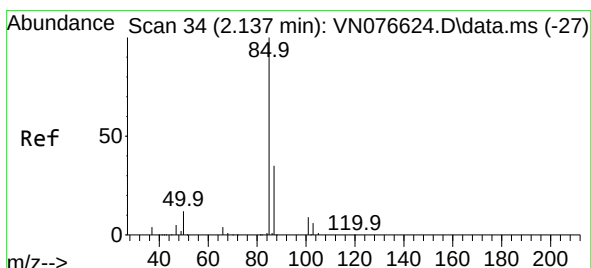
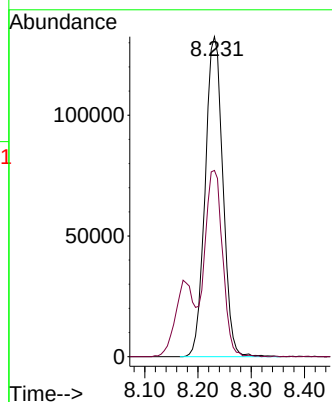
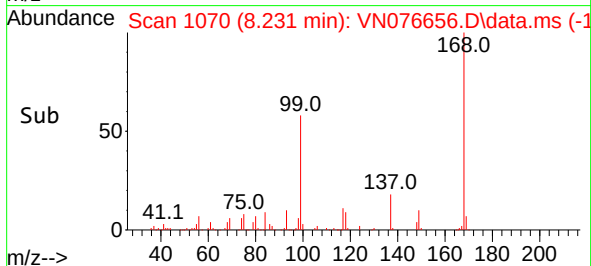
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion:168 Resp: 30575
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2

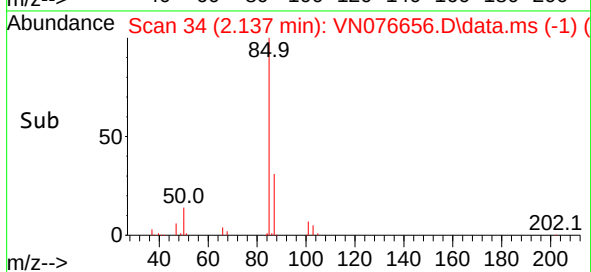
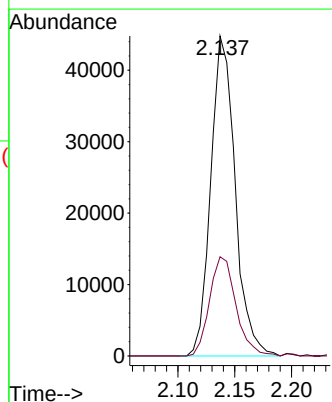
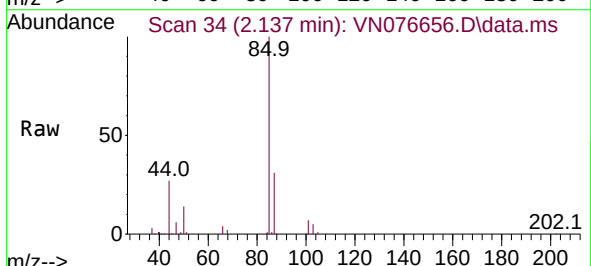
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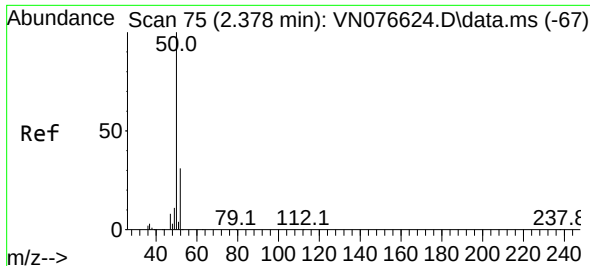
Reviewed By :John Carlone 02/14/2023
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#2
Dichlorodifluoromethane
Concen: 20.593 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

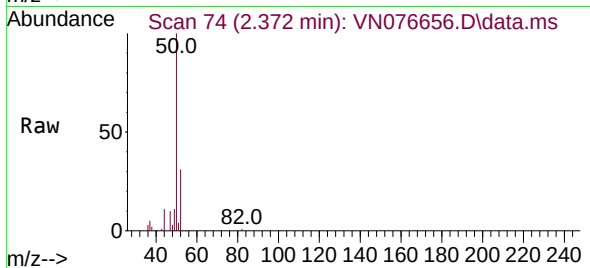
Tgt Ion: 85 Resp: 66855
Ion Ratio Lower Upper
85 100
87 31.0 17.4 52.2





#3
Chloromethane
Concen: 18.457 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

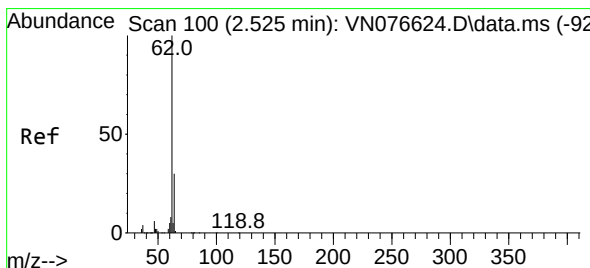
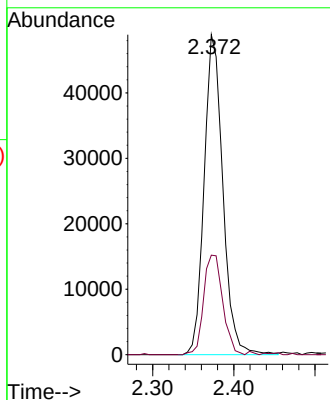
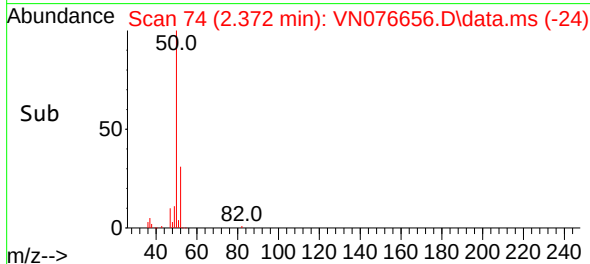
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Tgt Ion: 50 Resp: 78179
Ion Ratio Lower Upper
50 100
52 31.1 24.7 37.1

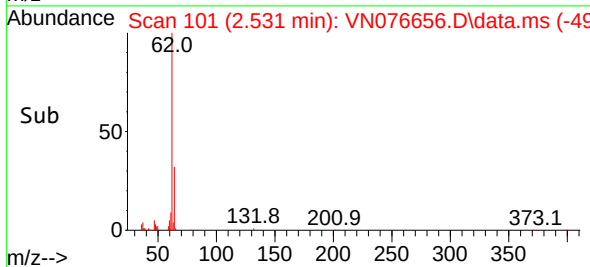
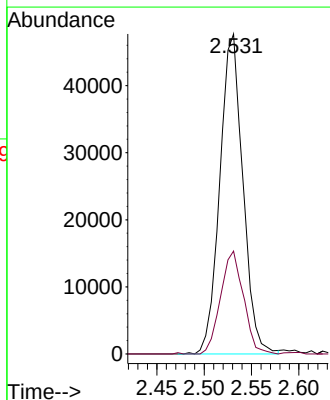
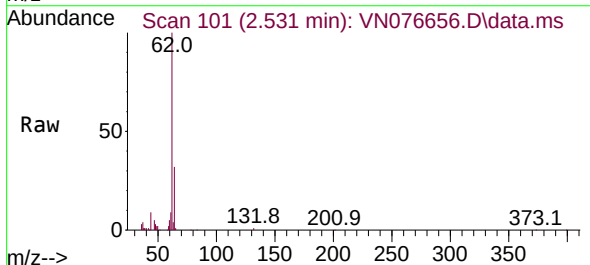
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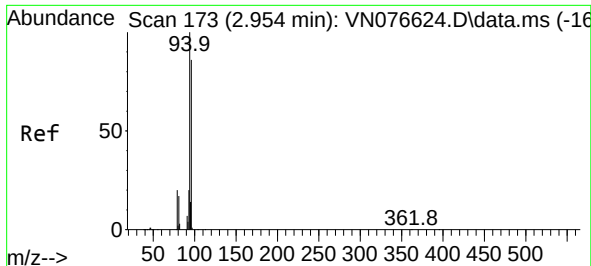
Reviewed By :John Carlone 02/14/2023
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#4
Vinyl Chloride
Concen: 19.398 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076656.D
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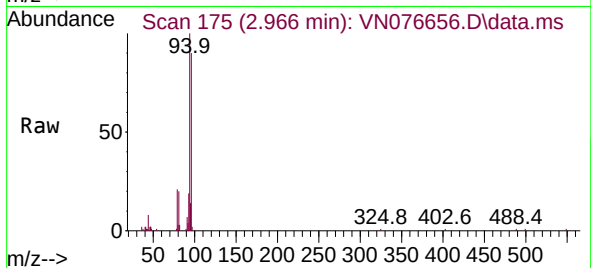
Tgt Ion: 62 Resp: 80866
Ion Ratio Lower Upper
62 100
64 32.1 23.9 35.9





#5
Bromomethane
Concen: 22.485 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076656.D
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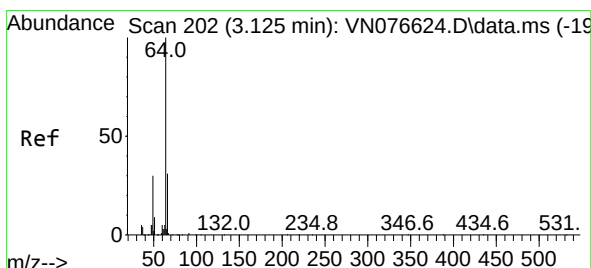
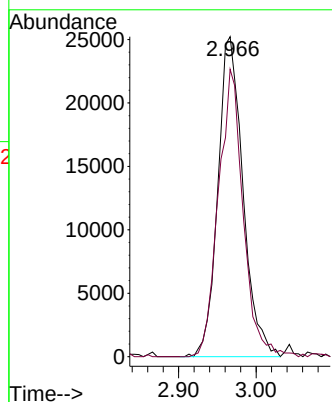
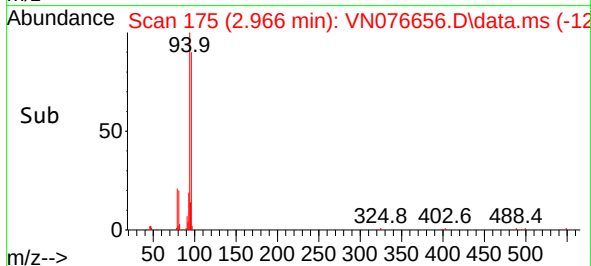
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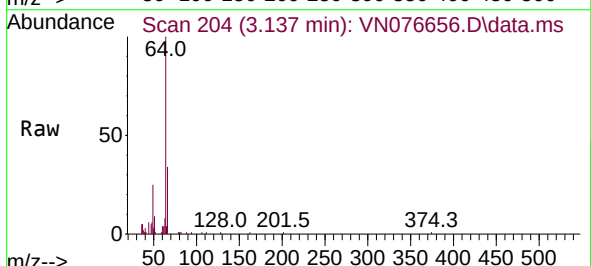
Tgt Ion: 94 Resp: 56794
Ion Ratio Lower Upper
94 100
96 89.8 69.0 103.4

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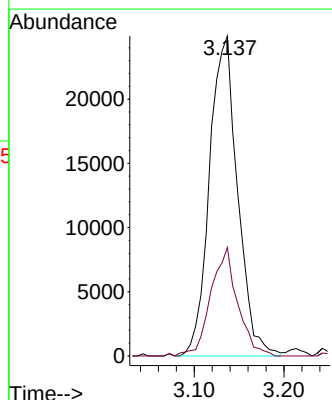
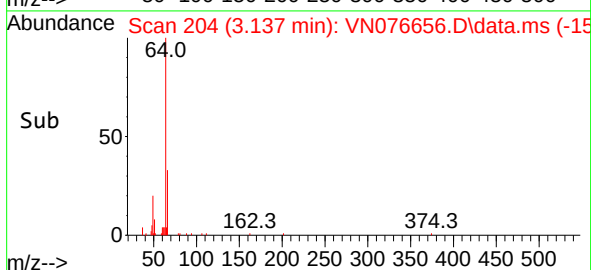
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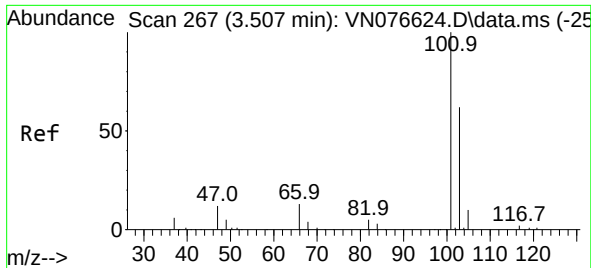


#6
Chloroethane
Concen: 20.609 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
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Tgt Ion: 64 Resp: 54295
Ion Ratio Lower Upper
64 100
66 33.9 24.6 37.0





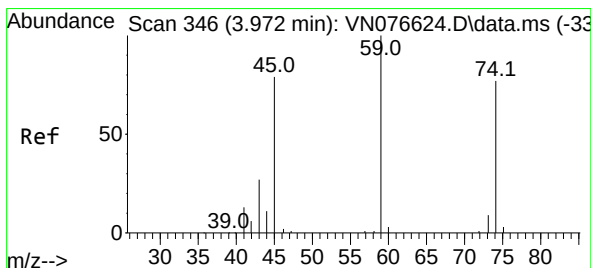
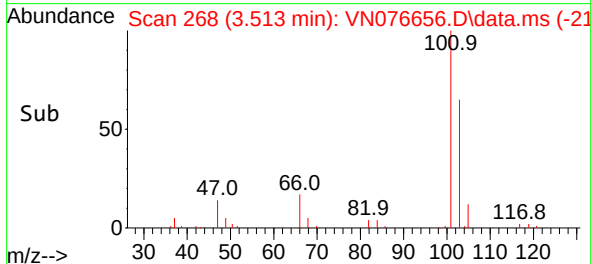
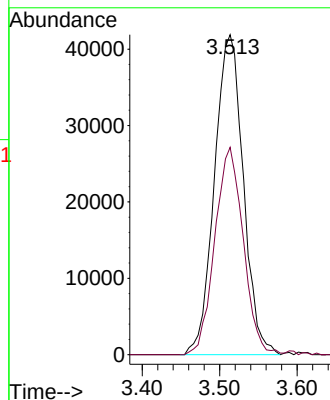
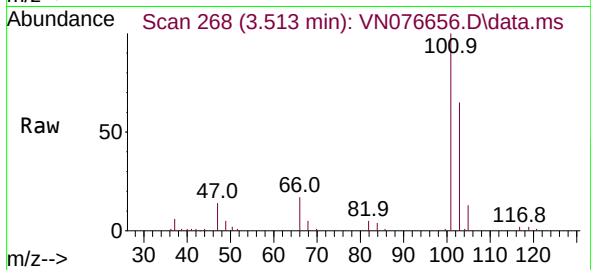
#7
Trichlorofluoromethane
Concen: 19.104 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN076656.D
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Instrument :
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Tgt Ion:101 Resp: 10835
Ion Ratio Lower Upper
101 100
103 64.8 49.4 74.2

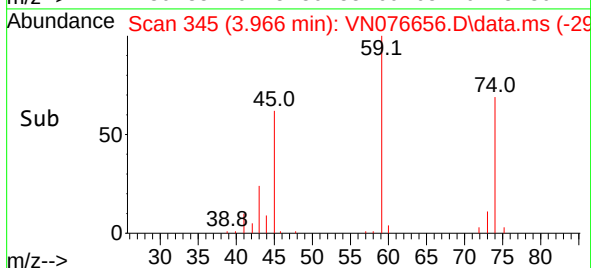
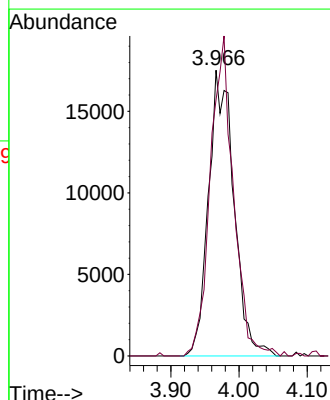
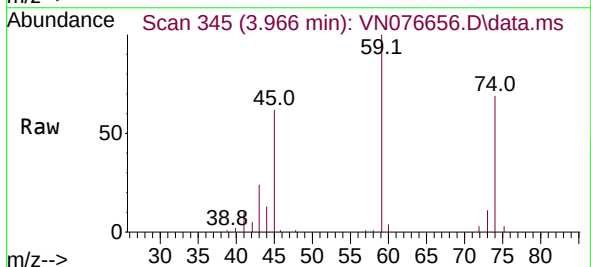
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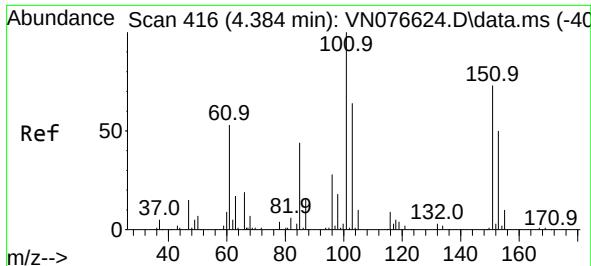
Reviewed By :John Carlone 02/14/2023
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#8
Diethyl Ether
Concen: 20.801 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 45464
Ion Ratio Lower Upper
74 100
45 101.6 51.3 153.9





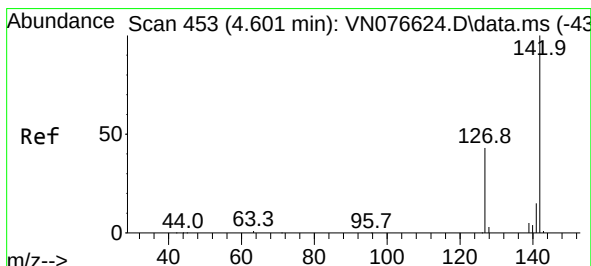
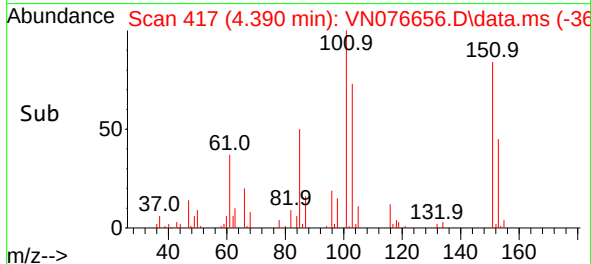
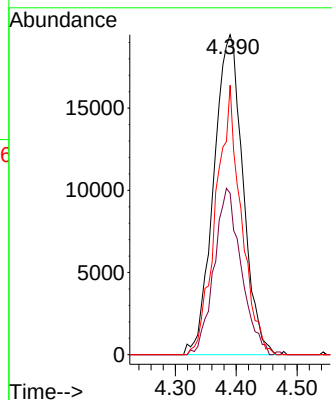
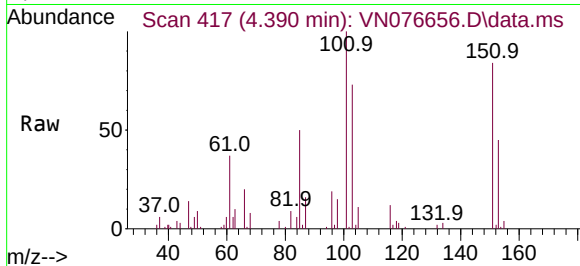
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.478 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01

Tgt Ion:101 Resp: 64910
Ion Ratio Lower Upper
101 100
85 48.1 37.4 56.0
151 72.7 58.7 88.1

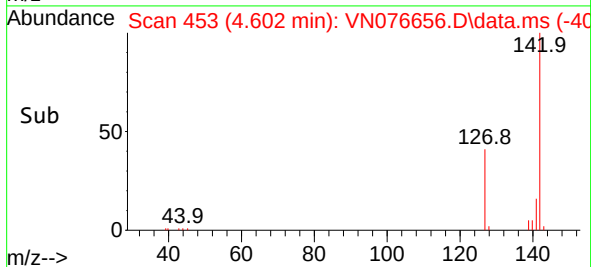
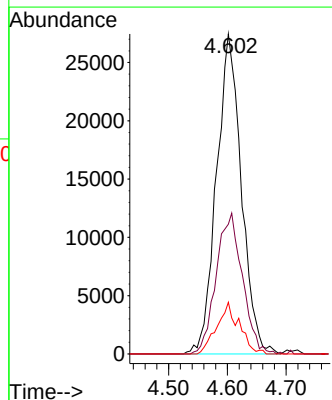
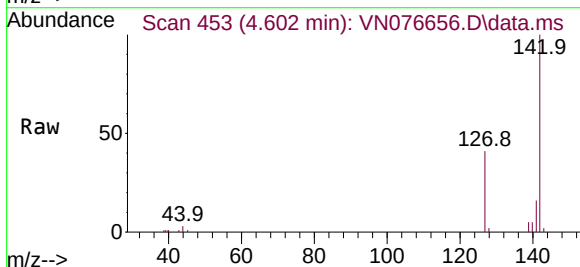
Manual Integrations
APPROVED

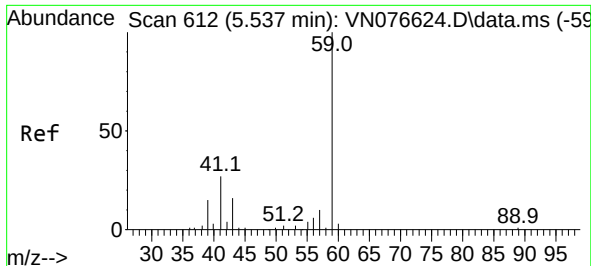
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#10
Methyl Iodide
Concen: 19.608 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.001 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

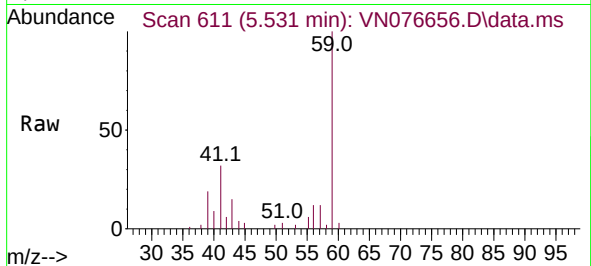
Tgt Ion:142 Resp: 80702
Ion Ratio Lower Upper
142 100
127 40.6 34.6 51.8
141 16.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 107.754 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

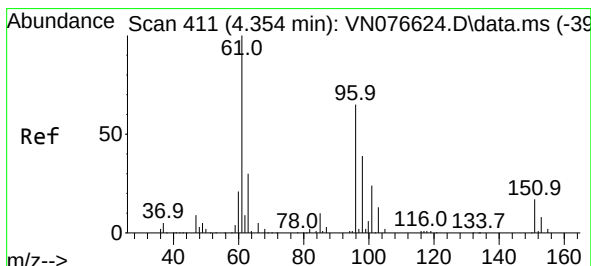
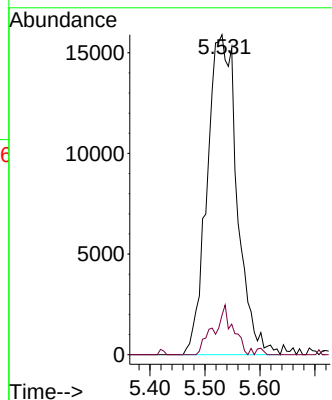
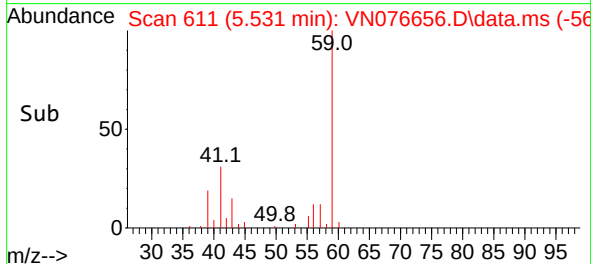
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 59 Resp: 60050
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

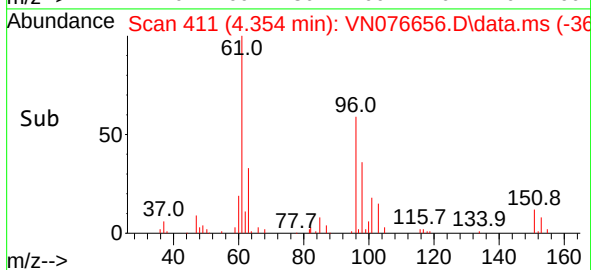
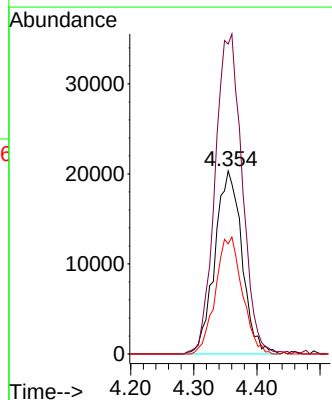
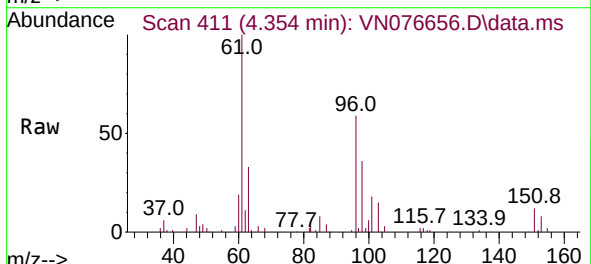
Manual Integrations
APPROVED

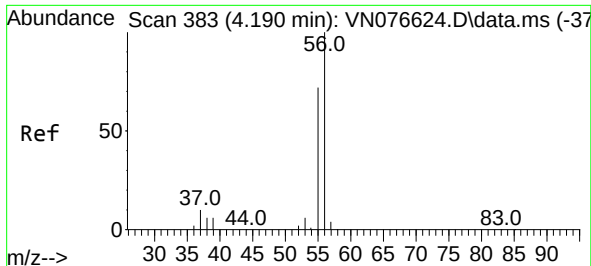
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#12
1,1-Dichloroethene
Concen: 19.213 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

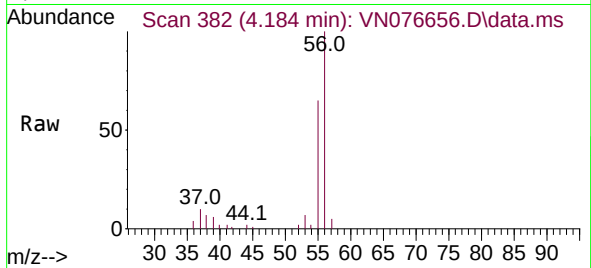
Tgt Ion: 96 Resp: 60633
Ion Ratio Lower Upper
96 100
61 169.3 123.8 185.6
98 60.2 48.4 72.6





#13
Acrolein
Concen: 104.952 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

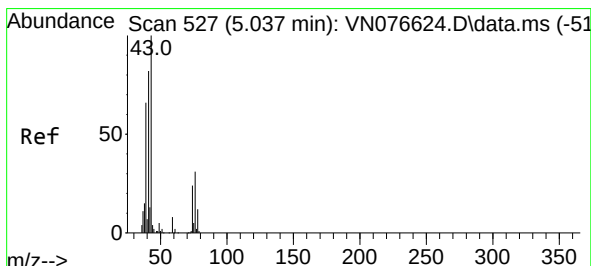
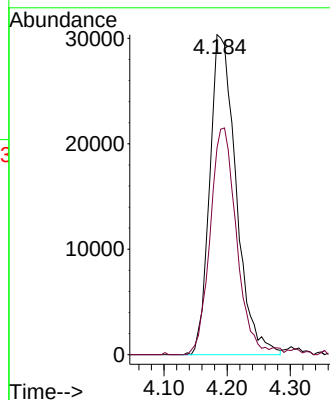
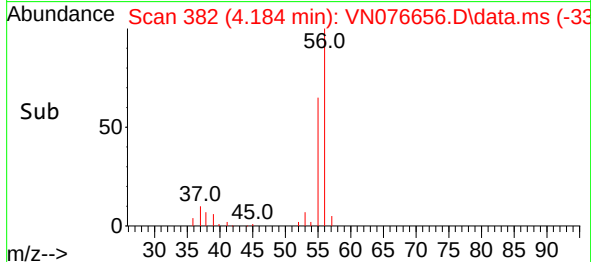
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 56 Resp: 87809
Ion Ratio Lower Upper
56 100
55 70.5 56.3 84.5

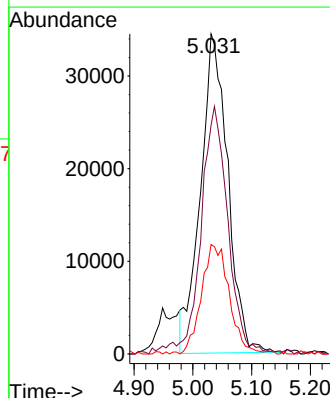
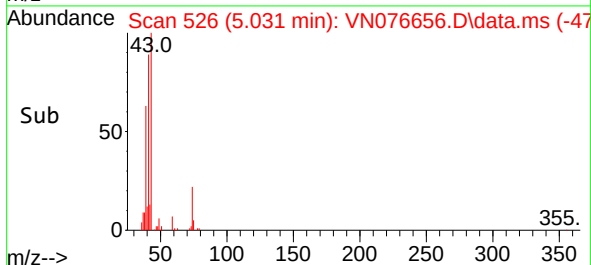
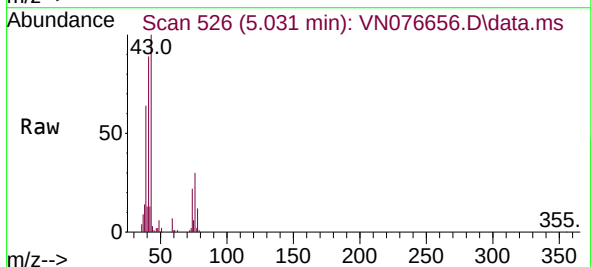
Manual Integrations
APPROVED

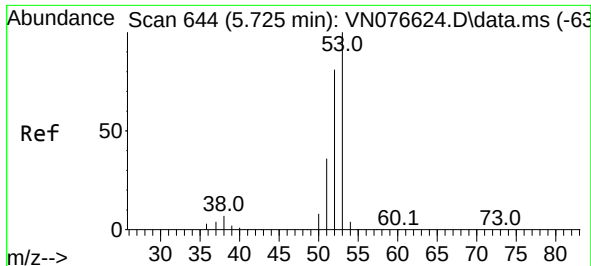
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#14
Allyl chloride
Concen: 20.333 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

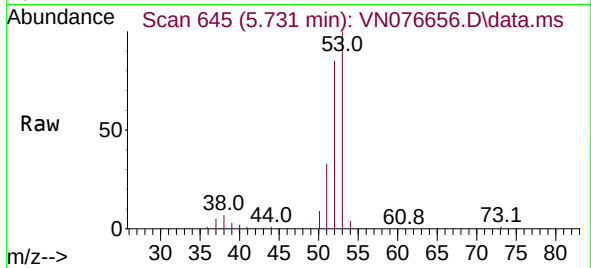
Tgt Ion: 41 Resp: 111186
Ion Ratio Lower Upper
41 100
39 75.0 62.3 93.5
76 35.0 27.0 40.6





#15
Acrylonitrile
Concen: 106.954 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

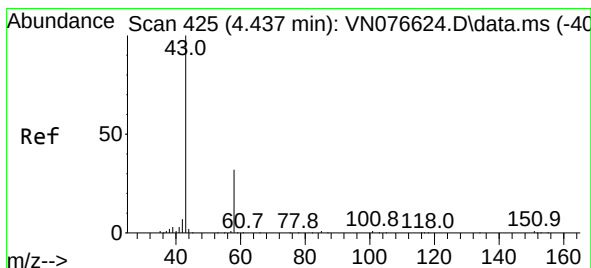
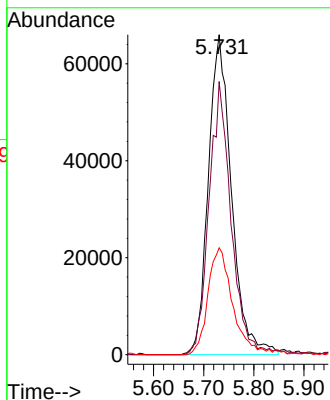
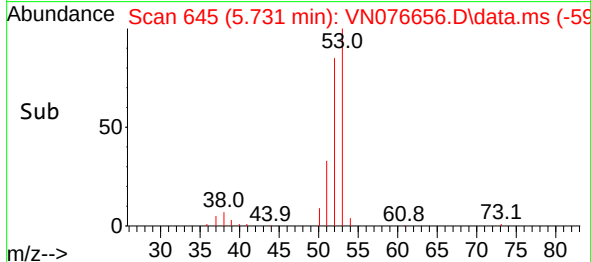
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 53 Resp: 21153
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 35.6 29.2 43.8

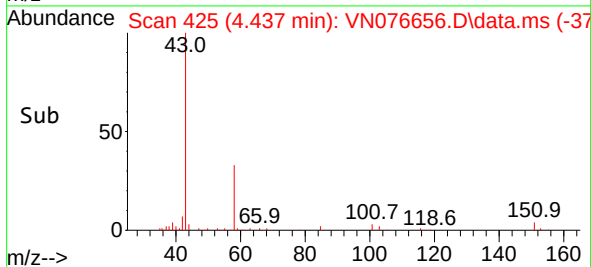
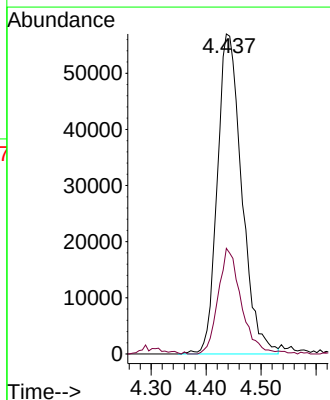
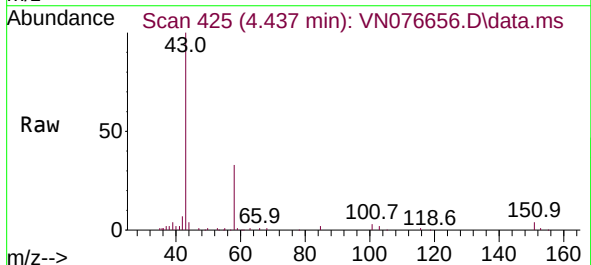
Manual Integrations
APPROVED

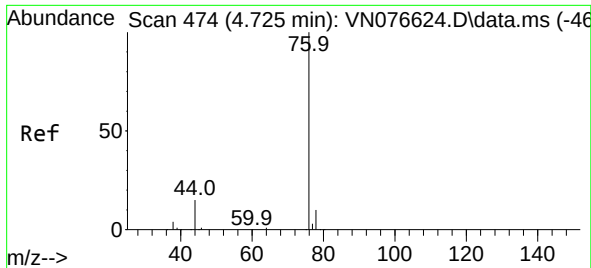
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#16
Acetone
Concen: 93.453 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

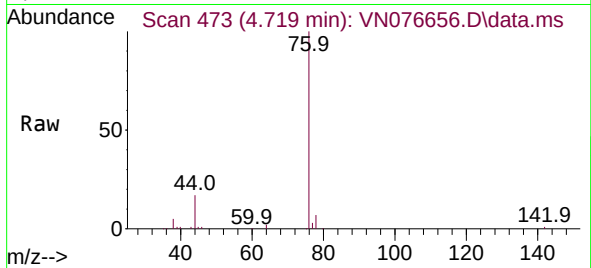
Tgt Ion: 43 Resp: 176243
Ion Ratio Lower Upper
43 100
58 32.6 25.9 38.9





#17
Carbon Disulfide
Concen: 19.236 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

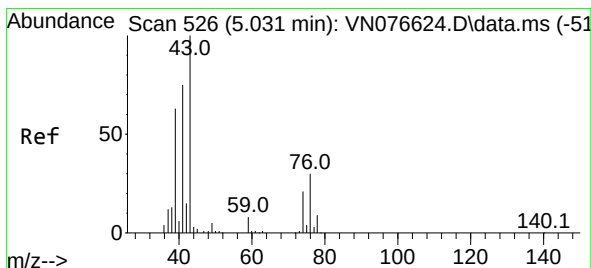
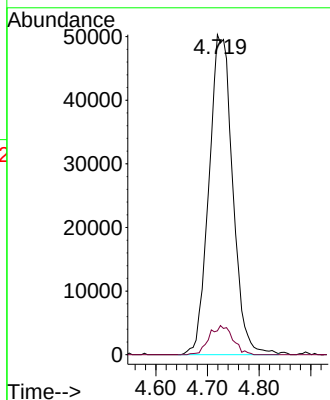
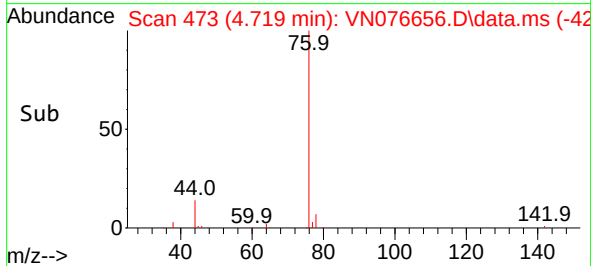
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 76 Resp: 16028
Ion Ratio Lower Upper
76 100
78 7.5 7.8 11.8

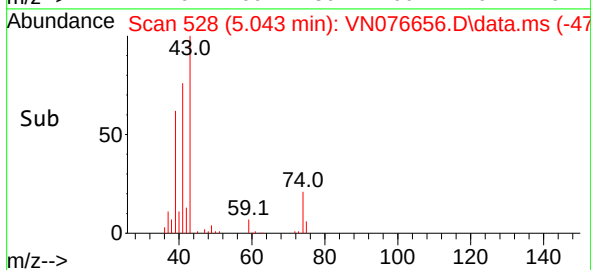
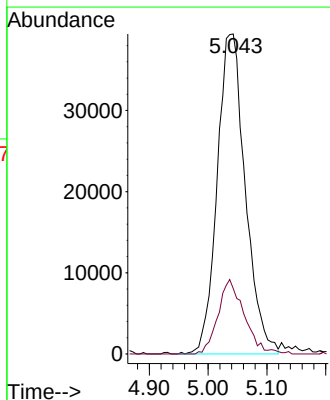
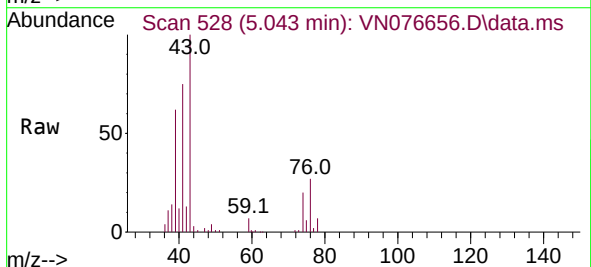
Manual Integrations
APPROVED

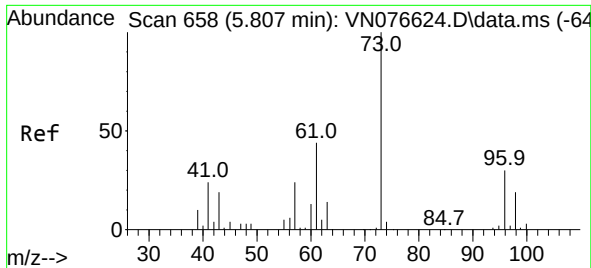
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#18
Methyl Acetate
Concen: 21.287 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Tgt Ion: 43 Resp: 131040
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5





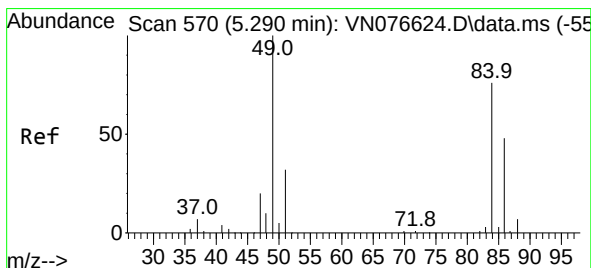
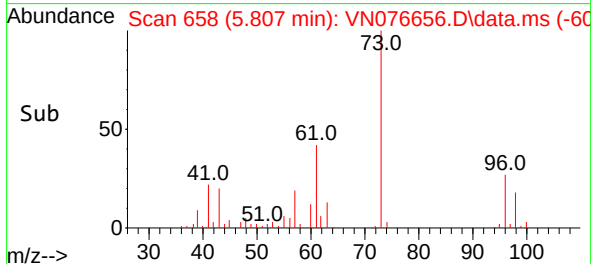
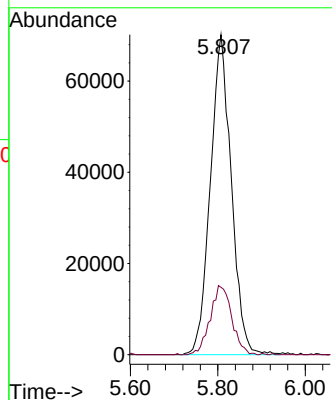
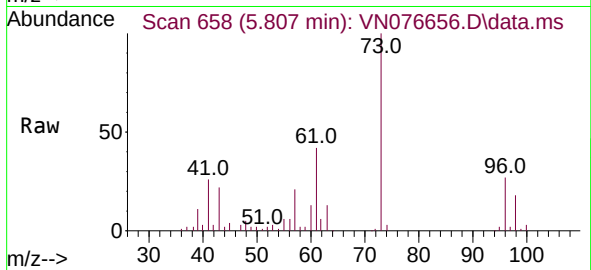
#19
Methyl tert-butyl Ether
Concen: 21.922 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01

Tgt Ion: 73 Resp: 233254
Ion Ratio Lower Upper
73 100
57 21.1 19.0 28.4

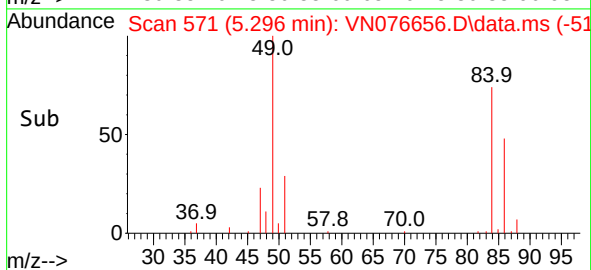
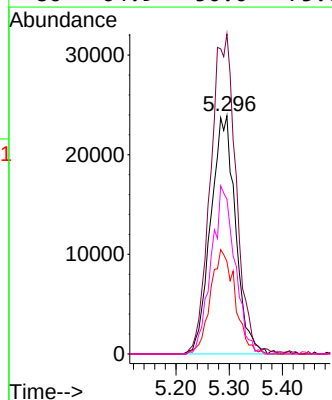
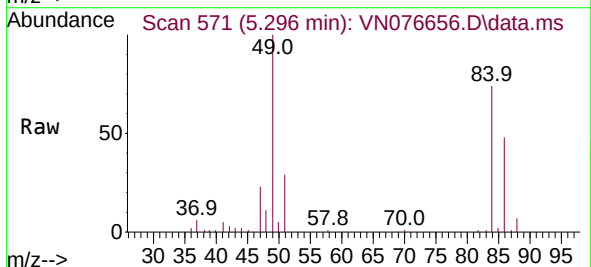
Manual Integrations
APPROVED

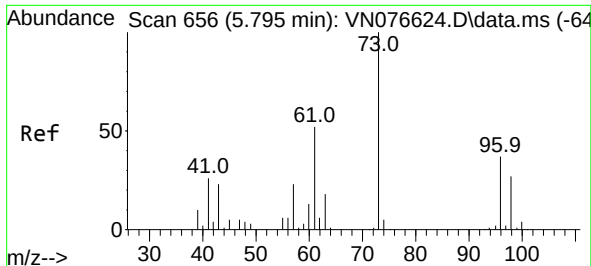
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#20
Methylene Chloride
Concen: 19.577 ug/l
RT: 5.296 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Tgt Ion: 84 Resp: 77380
Ion Ratio Lower Upper
84 100
49 134.3 104.9 157.3
51 38.8 33.8 50.8
86 64.9 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.600 ug/l

RT: 5.796 min Scan# 656

Delta R.T. 0.000 min

Lab File: VN076656.D

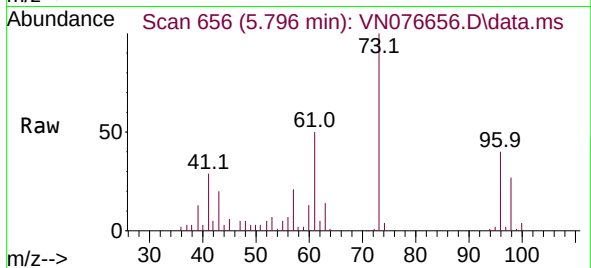
Acq: 14 Feb 2023 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBSD01



Tgt Ion: 96 Resp: 69629

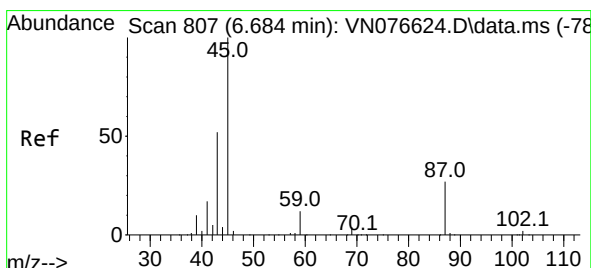
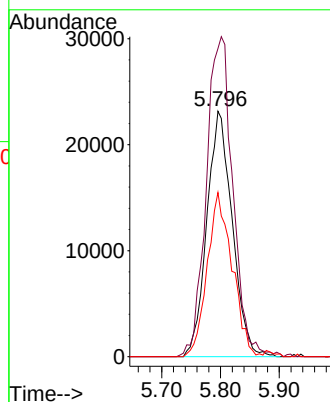
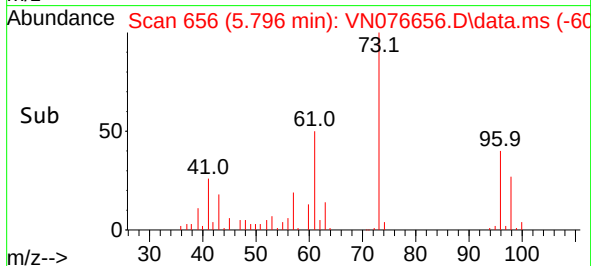
Ion	Ratio	Lower	Upper
96	100		
61	124.9	113.9	170.9
98	66.9	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#22

Diisopropyl ether

Concen: 21.752 ug/l

RT: 6.684 min Scan# 807

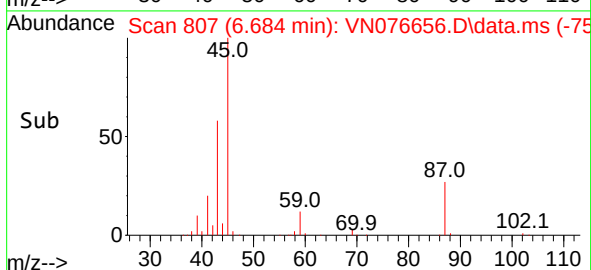
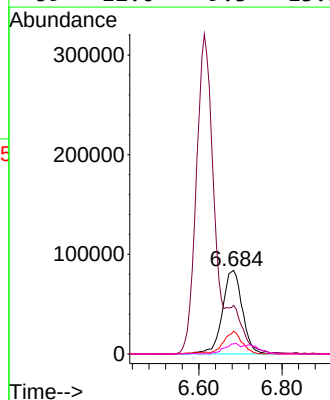
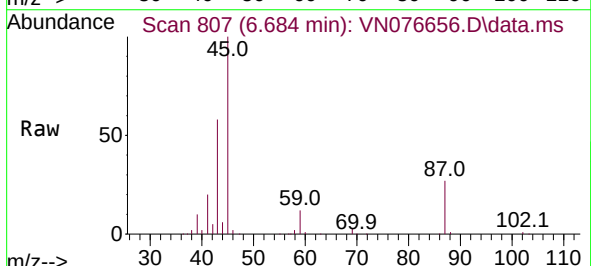
Delta R.T. 0.000 min

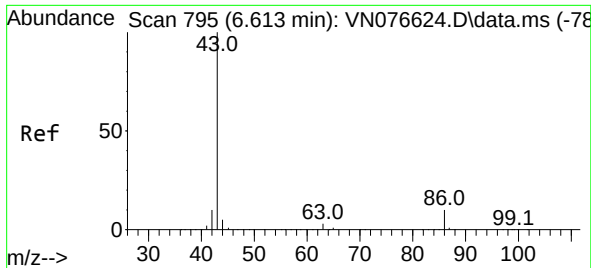
Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

Tgt Ion: 45 Resp: 278983

Ion	Ratio	Lower	Upper
45	100		
43	56.8	41.8	62.6
87	27.3	21.8	32.8
59	12.0	9.3	13.9





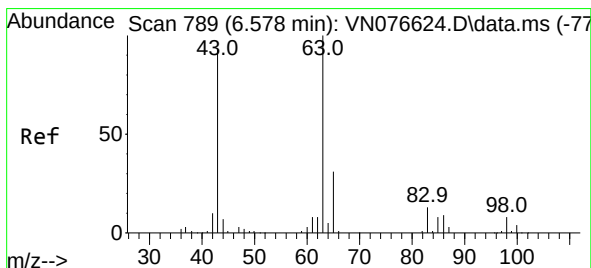
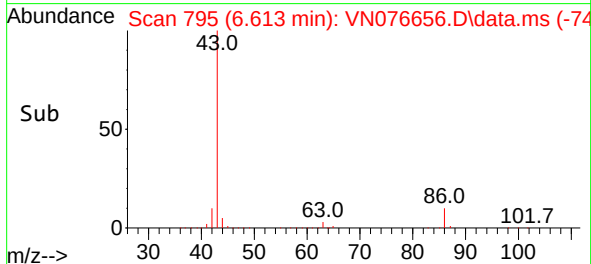
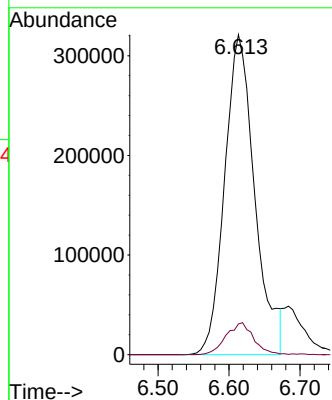
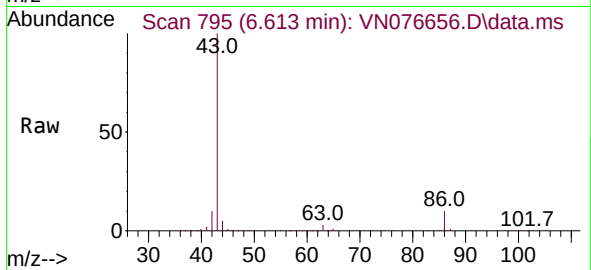
#23
 Vinyl Acetate
 Concen: 124.509 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076656.D
 Acq: 14 Feb 2023 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBSD01

Tgt Ion: 43 Resp: 94483
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.2

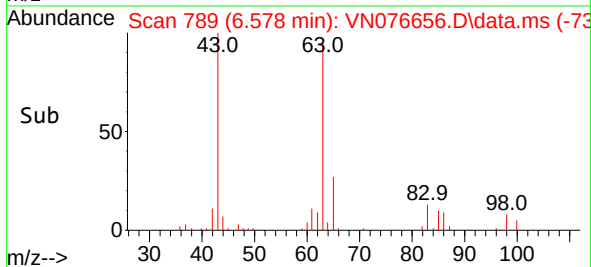
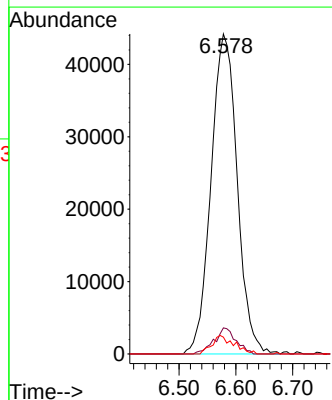
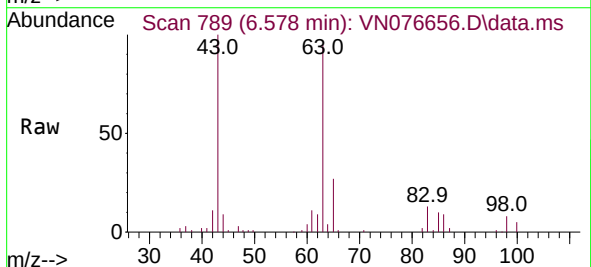
Manual Integrations
 APPROVED

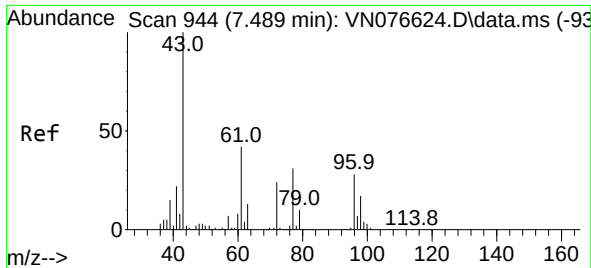
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/15/2023



#24
 1,1-Dichloroethane
 Concen: 20.106 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN076656.D
 Acq: 14 Feb 2023 12:53

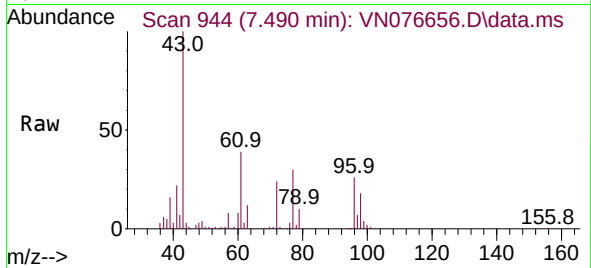
Tgt Ion: 63 Resp: 141328
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.1 12.3
 100 5.3 2.0 5.8





#25
2-Butanone
Concen: 103.971 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

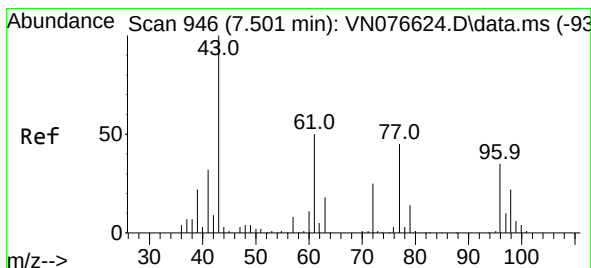
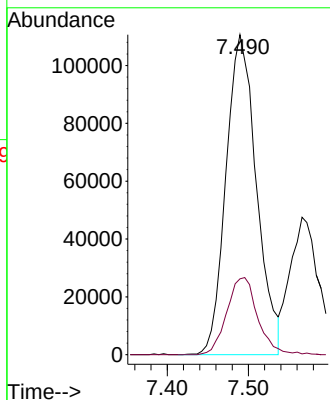
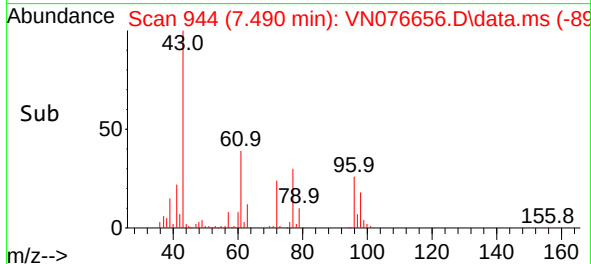
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 43 Resp: 28923
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

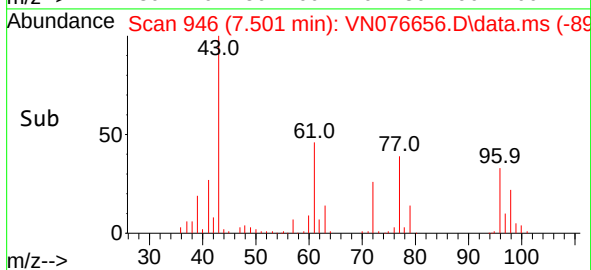
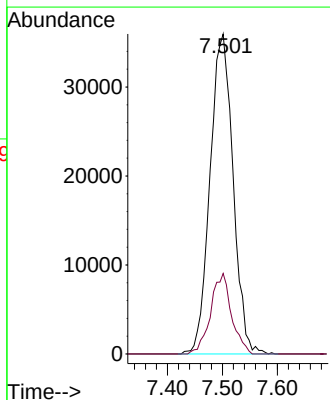
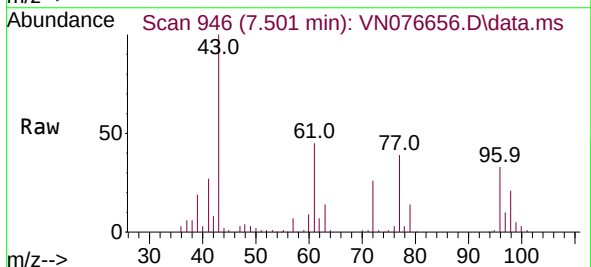
Manual Integrations
APPROVED

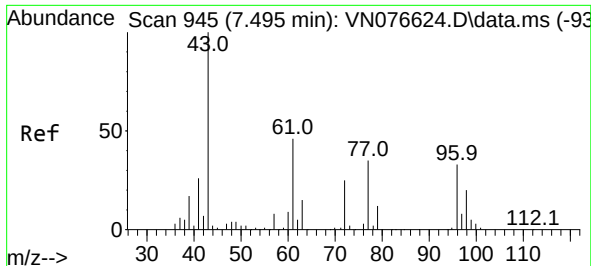
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#26
2,2-Dichloropropane
Concen: 20.633 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Tgt Ion: 77 Resp: 104611
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 19.639 ug/l

RT: 7.501 min Scan# 945

Delta R.T. 0.006 min

Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBSD01

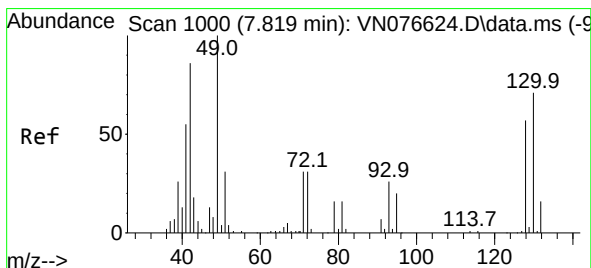
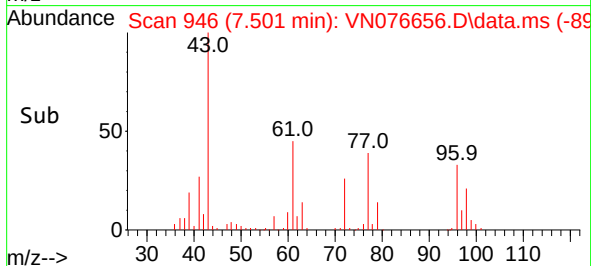
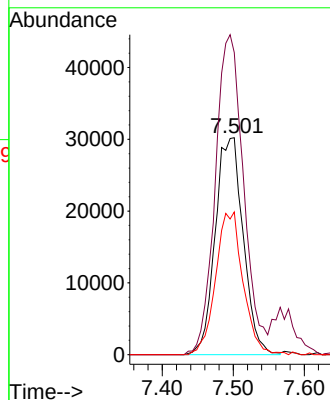
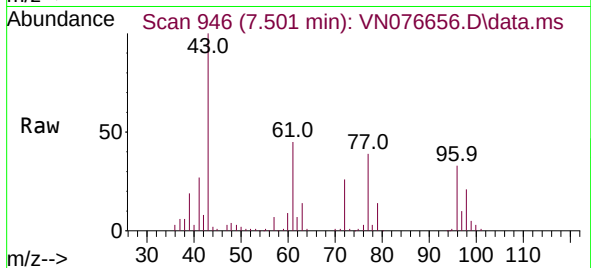
Tgt Ion: 96 Resp: 82750
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 286.8
 98 64.4 0.0 124.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#28

Bromochloromethane

Concen: 18.654 ug/l

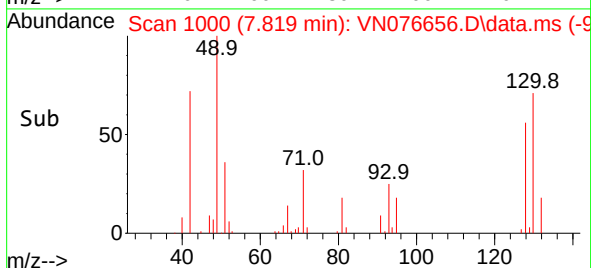
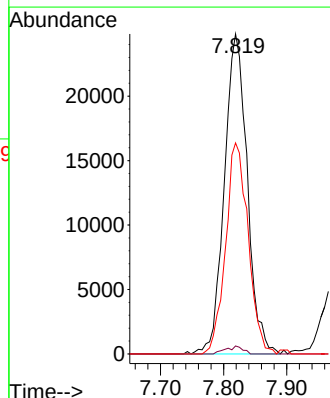
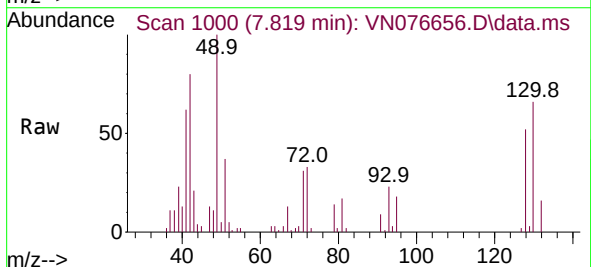
RT: 7.819 min Scan# 1000

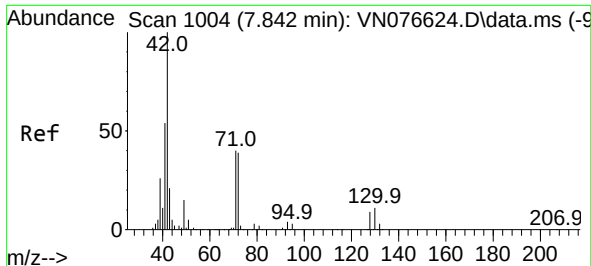
Delta R.T. 0.000 min

Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

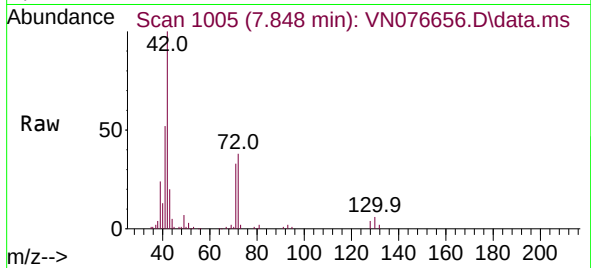
Tgt Ion: 49 Resp: 62408
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 65.0 57.8 86.8





#29
Tetrahydrofuran
Concen: 102.877 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

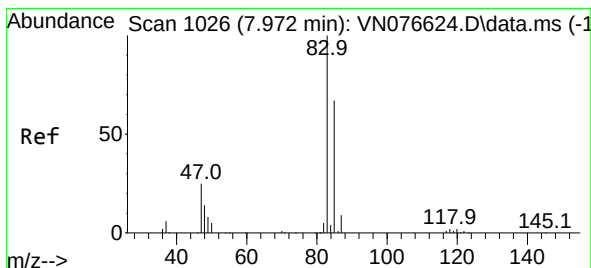
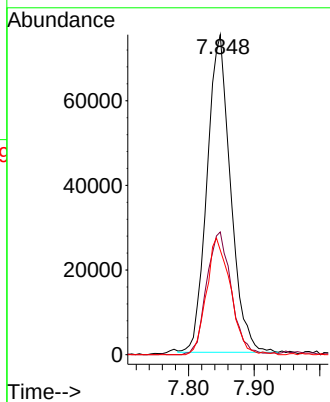
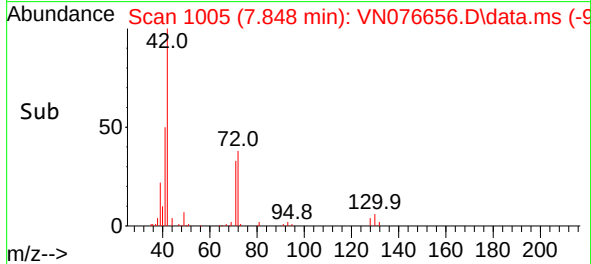
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 42 Resp: 18698
Ion Ratio Lower Upper
42 100
72 40.4 31.5 47.3
71 37.7 29.8 44.8

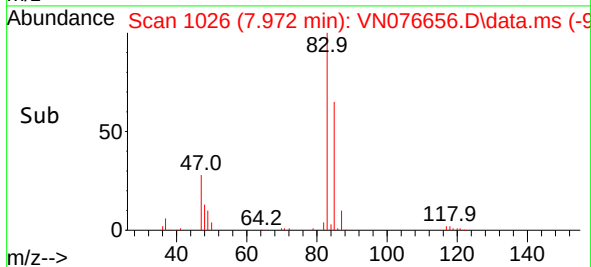
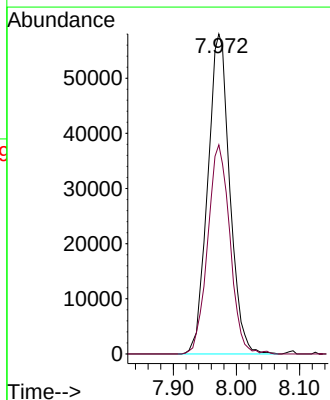
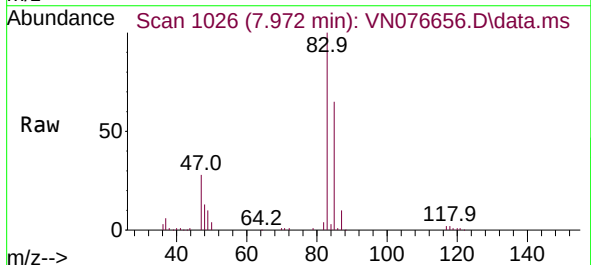
Manual Integrations
APPROVED

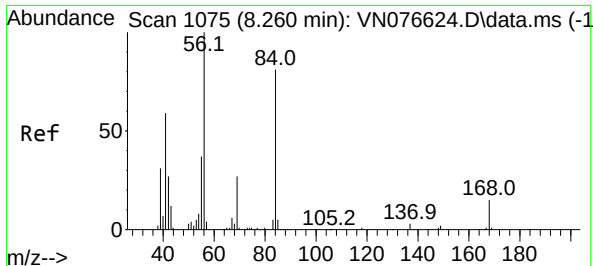
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#30
Chloroform
Concen: 19.988 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

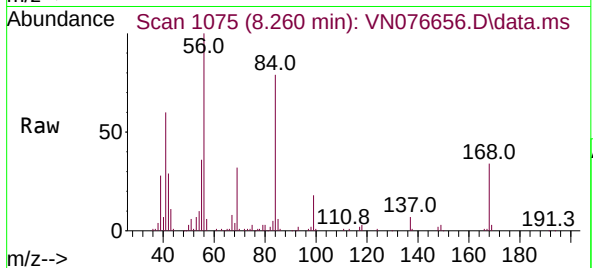
Tgt Ion: 83 Resp: 140377
Ion Ratio Lower Upper
83 100
85 65.4 53.5 80.3





#31
Cyclohexane
Concen: 20.274 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

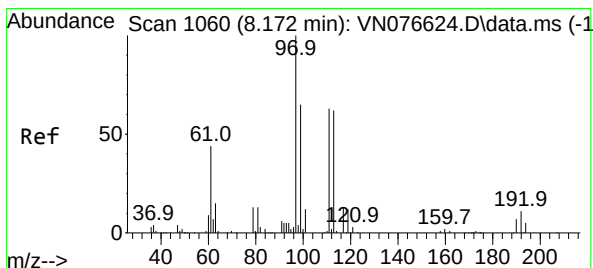
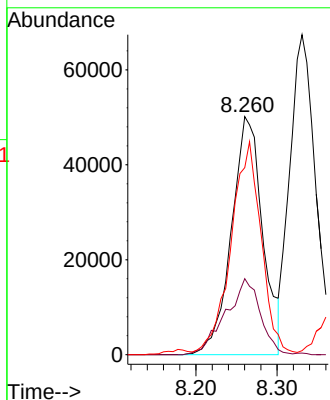
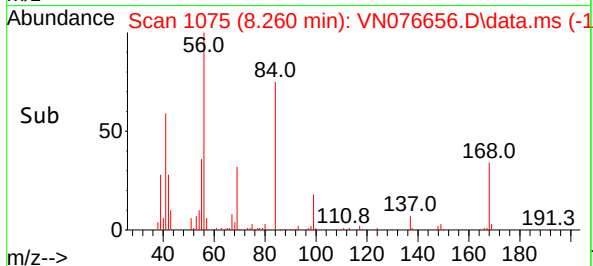
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



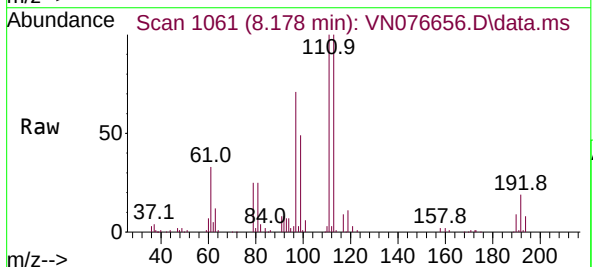
Tgt Ion: 56 Resp: 134269
Ion Ratio Lower Upper
56 100
69 31.9 21.6 32.4
84 76.3 65.1 97.7

Manual Integrations
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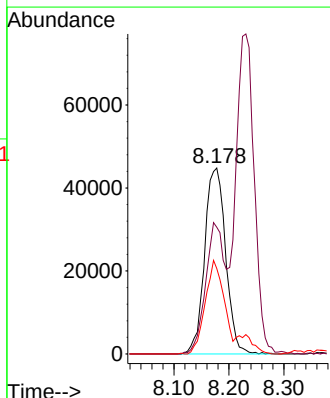
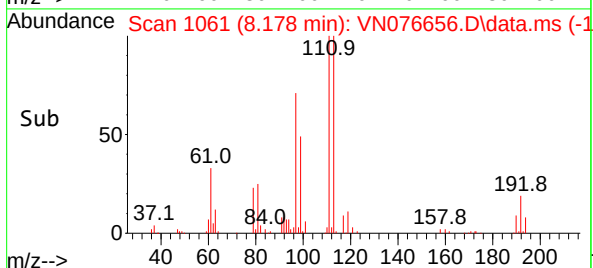
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

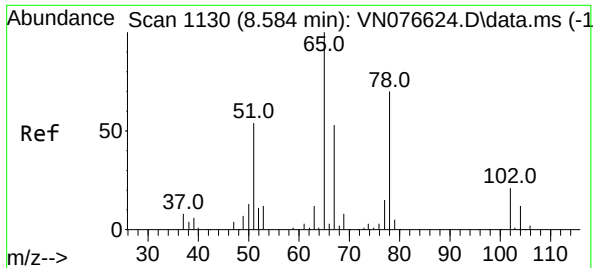


#32
1,1,1-Trichloroethane
Concen: 20.181 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



Tgt Ion: 97 Resp: 119170
Ion Ratio Lower Upper
97 100
99 62.5 51.2 76.8
61 46.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 48.207 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBSD01

Tgt Ion: 65 Resp: 203530

Ion Ratio Lower Upper

65 100

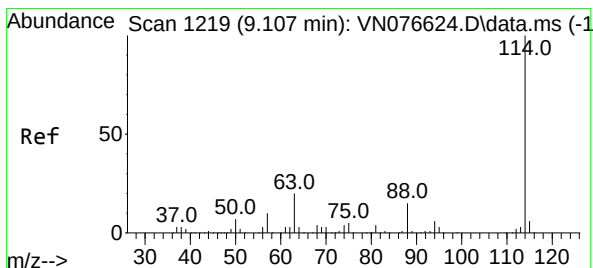
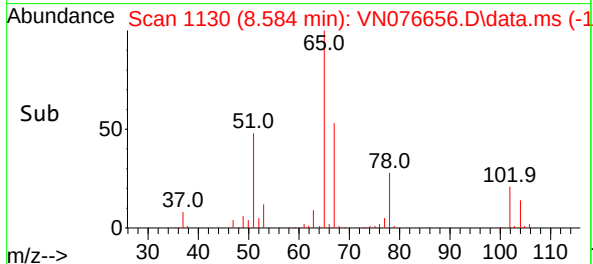
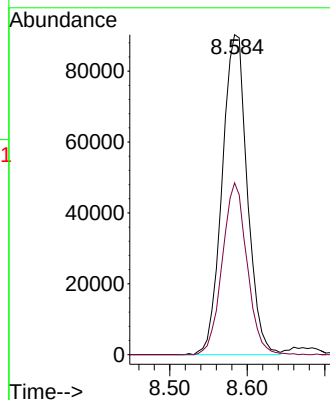
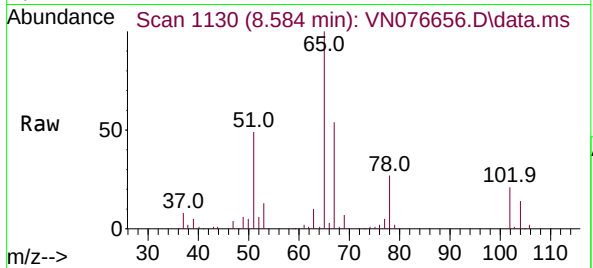
67 53.0 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

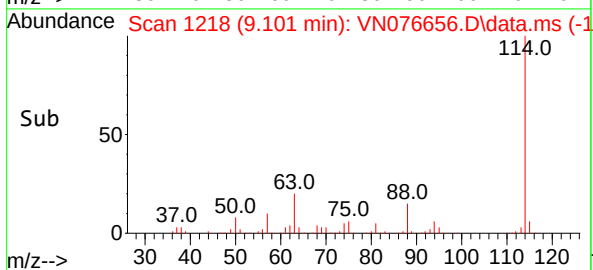
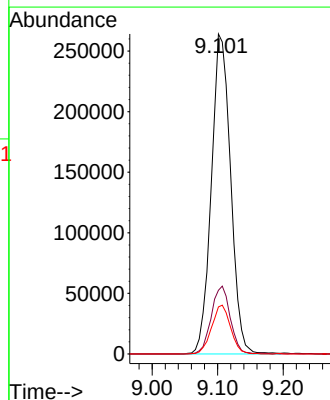
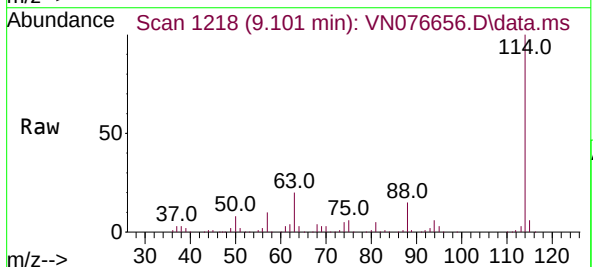
Tgt Ion:114 Resp: 538862

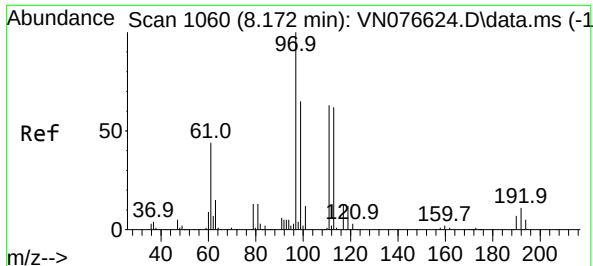
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

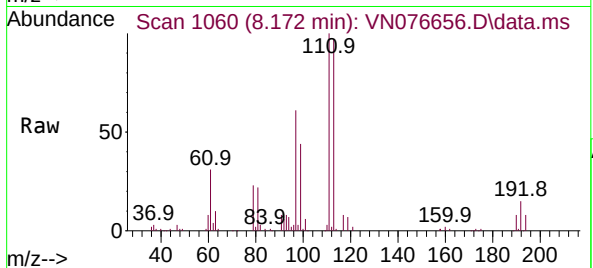
88 14.7 0.0 29.6





#35
Dibromofluoromethane
Concen: 46.306 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

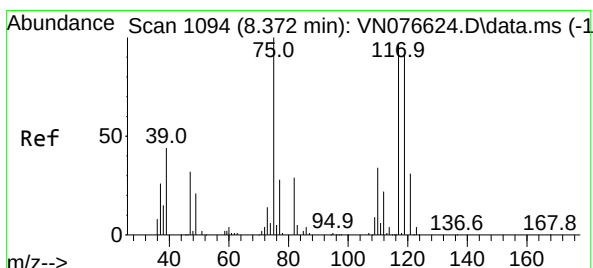
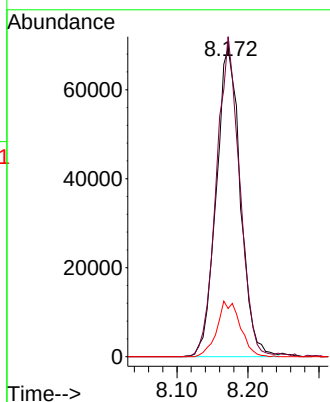
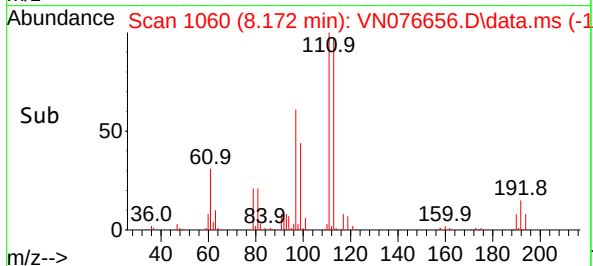
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 113 Resp: 16341
Ion Ratio Lower Upper
113 100
111 100.1 83.1 124.7
192 17.4 15.6 23.4

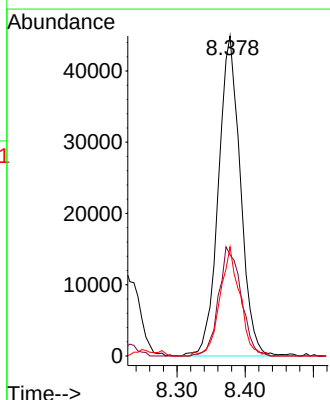
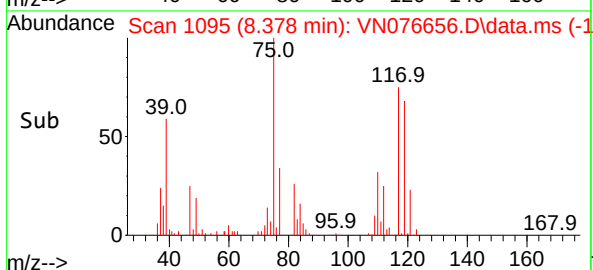
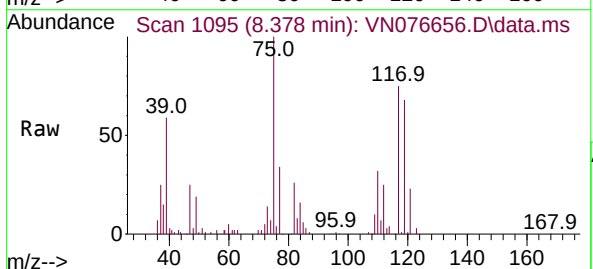
Manual Integrations
APPROVED

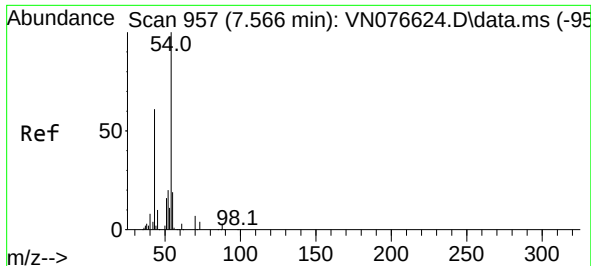
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#36
1,1-Dichloropropene
Concen: 19.744 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

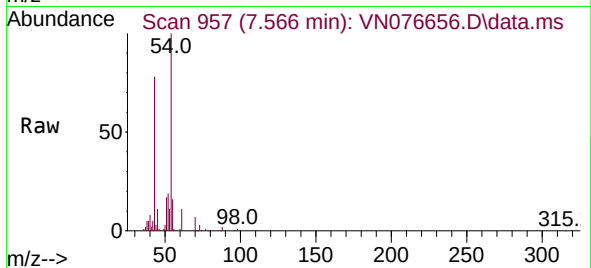
Tgt Ion: 75 Resp: 100666
Ion Ratio Lower Upper
75 100
110 34.8 17.5 52.5
77 31.1 24.5 36.7





#37
Ethyl Acetate
Concen: 22.164 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

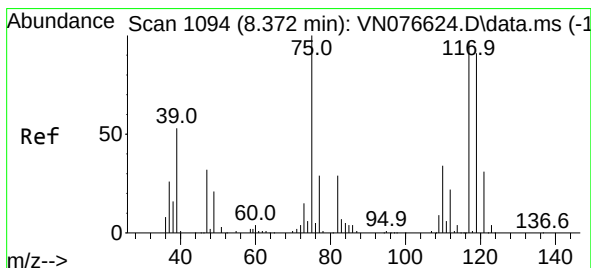
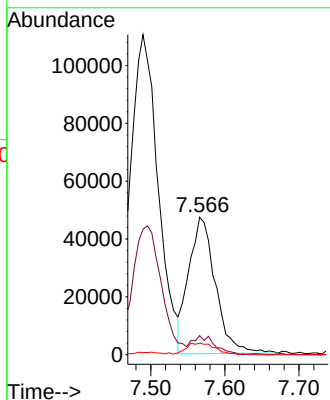
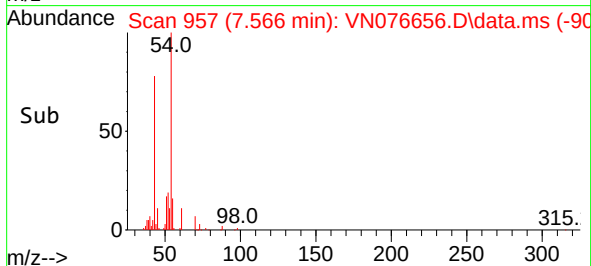
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 43 Resp: 11889
Ion Ratio Lower Upper
43 100
61 11.7 9.9 14.9
70 9.2 7.8 11.6

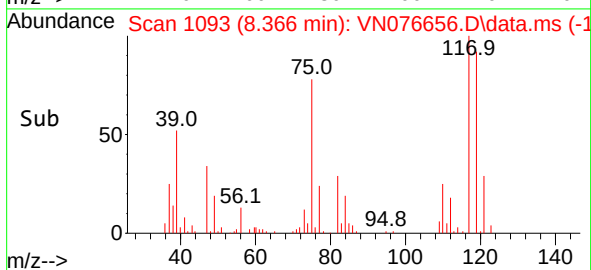
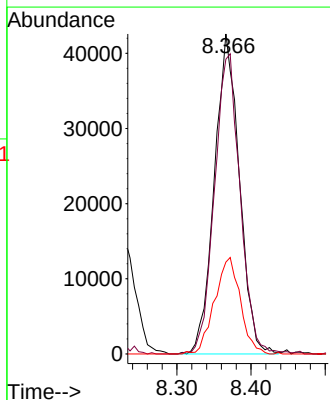
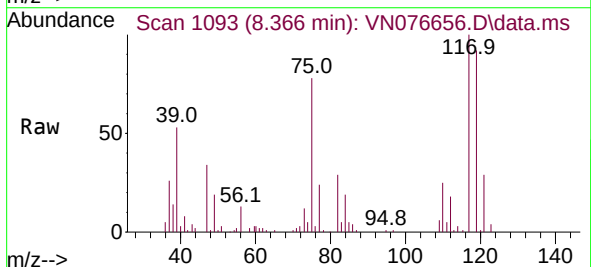
Manual Integrations
APPROVED

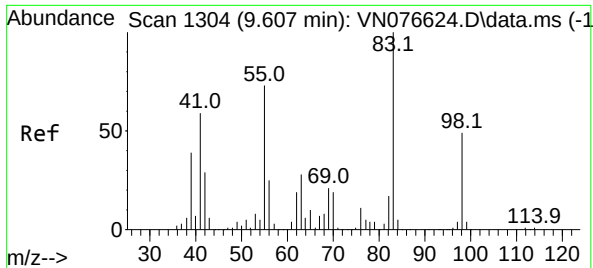
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#38
Carbon Tetrachloride
Concen: 19.394 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Tgt Ion:117 Resp: 99755
Ion Ratio Lower Upper
117 100
119 92.1 75.4 113.0
121 28.7 26.0 39.0





#39
Methylcyclohexane
Concen: 21.080 ug/l
RT: 9.601 min Scan# 11303
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBSD01

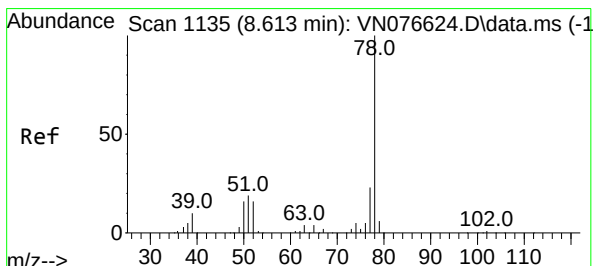
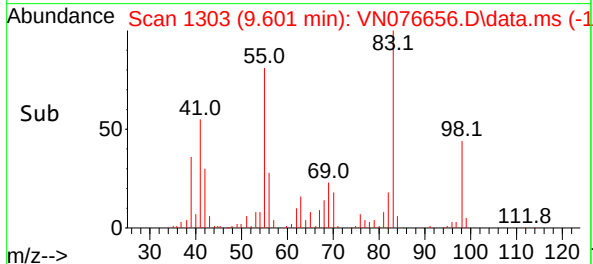
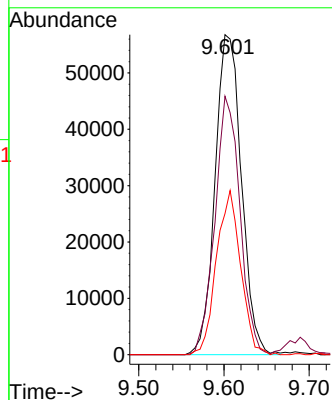
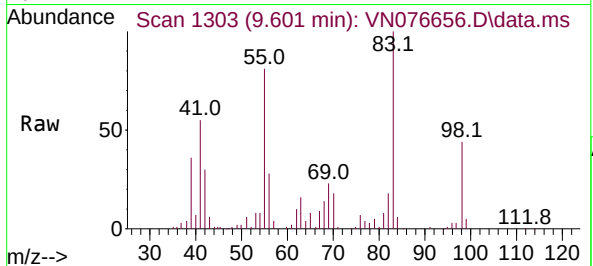
Tgt Ion: 83 Resp: 122169
Ion Ratio Lower Upper
83 100
55 80.7 58.6 88.0
98 44.1 39.4 59.2

Manual Integrations

APPROVED

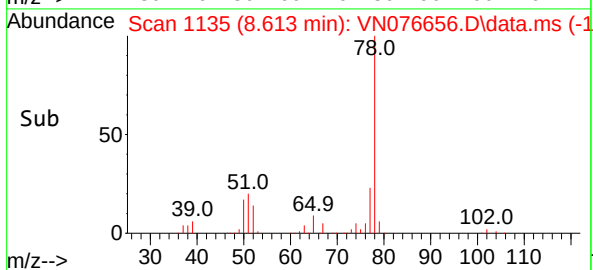
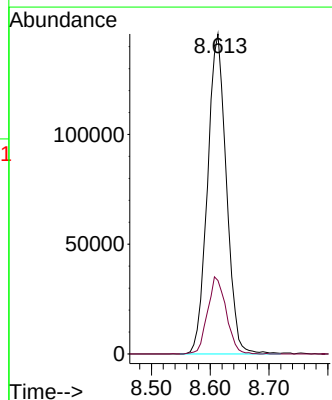
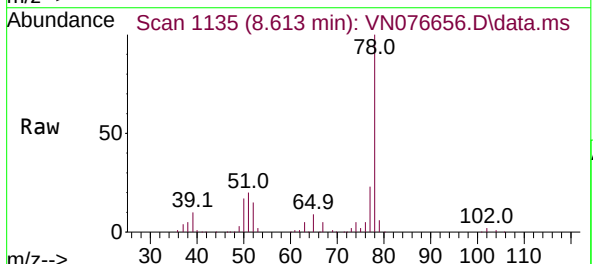
Reviewed By :John Carlone 02/14/2023

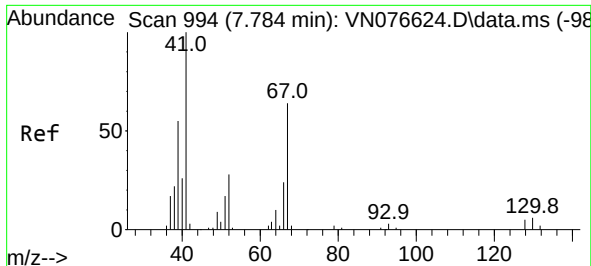
Supervised By :Mahesh Dadoda 02/15/2023



#40
Benzene
Concen: 20.715 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

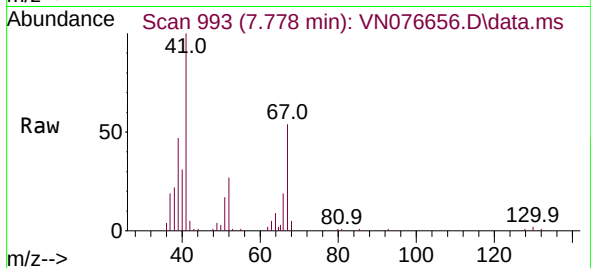
Tgt Ion: 78 Resp: 324353
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.4





#41
Methacrylonitrile
Concen: 21.262 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

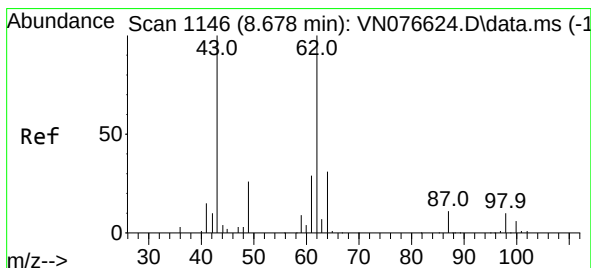
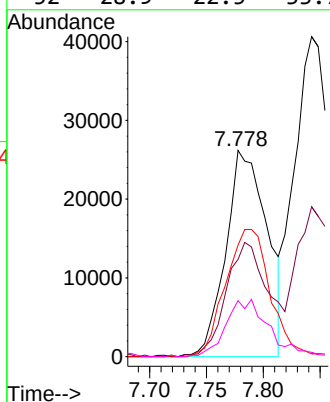
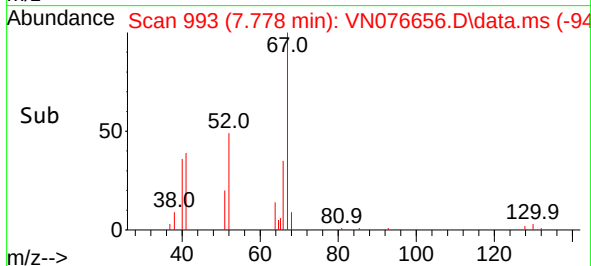
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 41 Resp: 66072
Ion Ratio Lower Upper
41 100
39 57.9 42.6 63.8
67 67.0 51.4 77.0
52 28.9 22.5 33.7

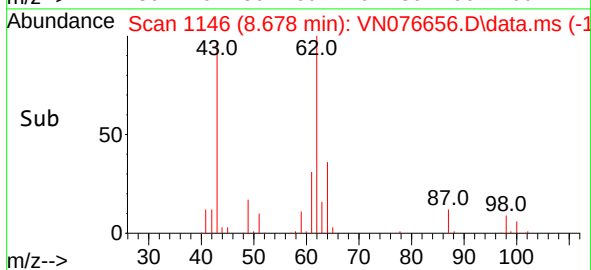
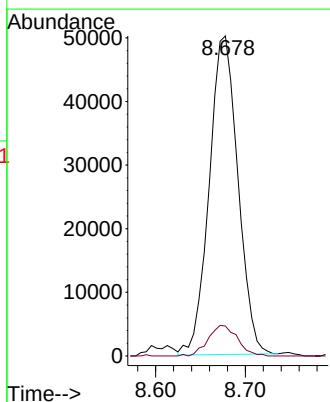
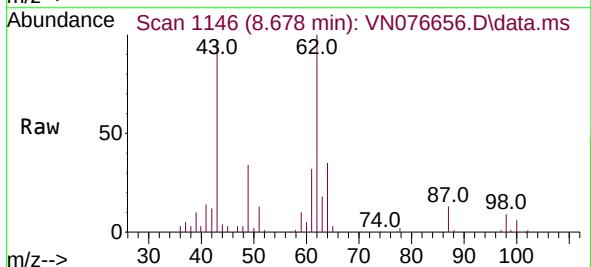
Manual Integrations
APPROVED

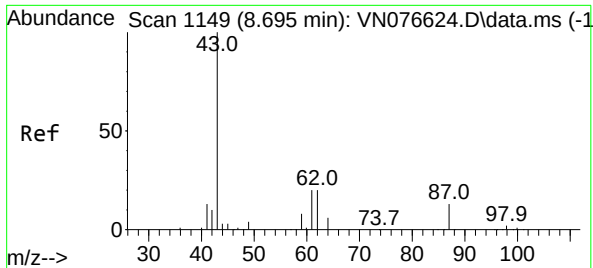
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#42
1,2-Dichloroethane
Concen: 20.402 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

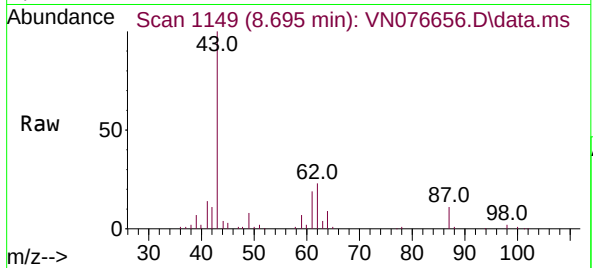
Tgt Ion: 62 Resp: 111413
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2





#43
Isopropyl Acetate
Concen: 22.053 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

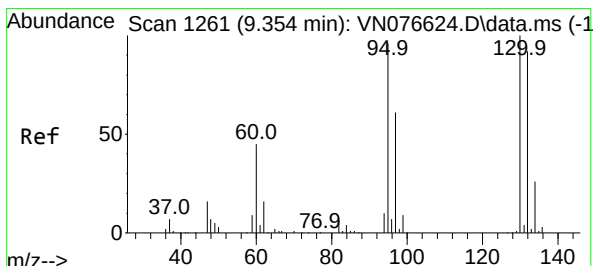
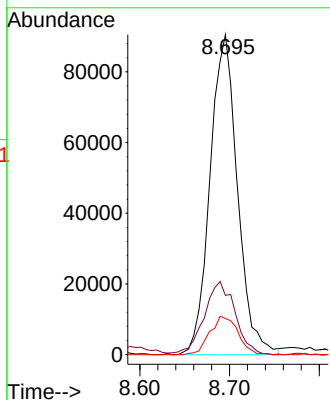
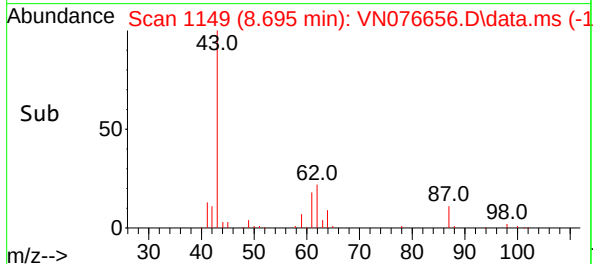
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



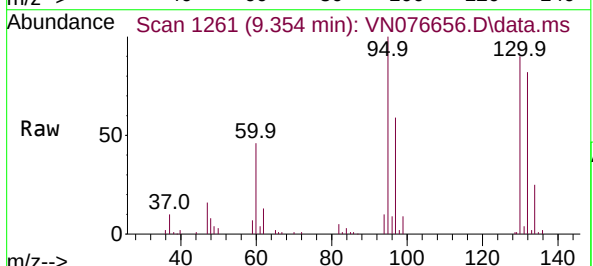
Tgt Ion: 43 Resp: 19250
Ion Ratio Lower Upper
43 100
61 25.9 20.0 30.0
87 12.3 9.9 14.9

Manual Integrations
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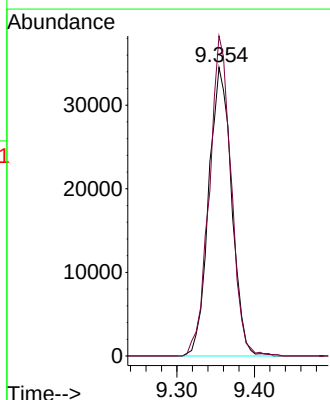
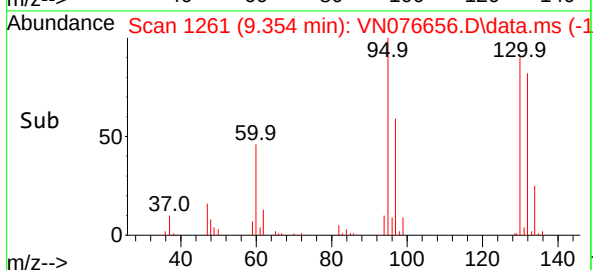
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

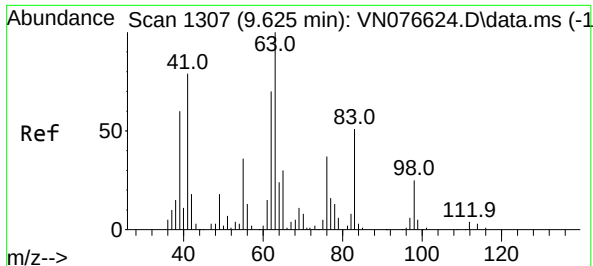


#44
Trichloroethene
Concen: 19.181 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



Tgt Ion:130 Resp: 70970
Ion Ratio Lower Upper
130 100
95 110.8 0.0 191.4





#45

1,2-Dichloropropane

Concen: 20.499 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBSD01

Tgt Ion: 63 Resp: 8496

Ion Ratio Lower Upper

63 100

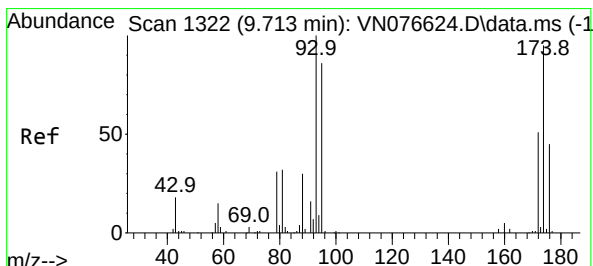
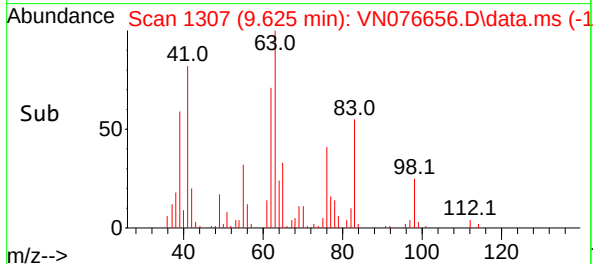
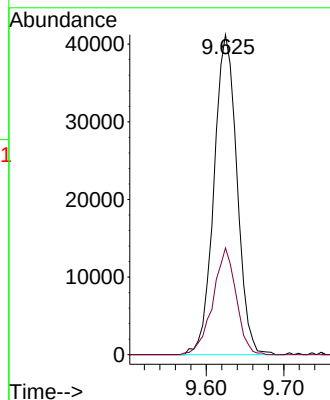
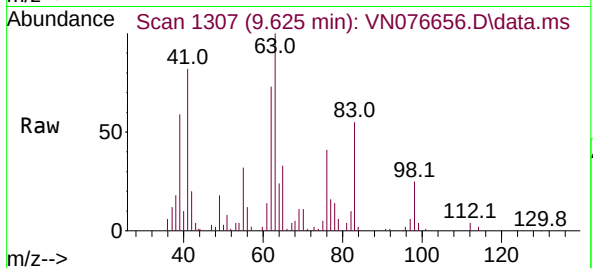
65 33.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#46

Dibromomethane

Concen: 21.593 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

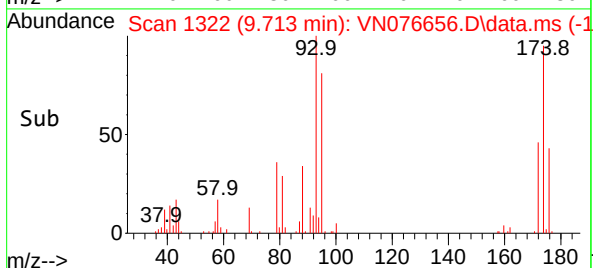
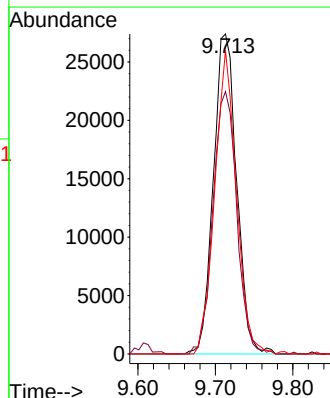
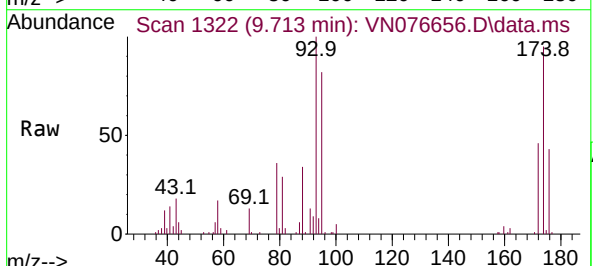
Tgt Ion: 93 Resp: 57217

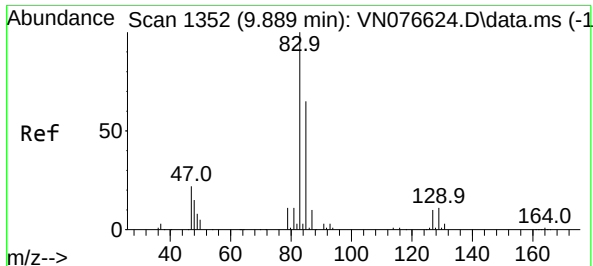
Ion Ratio Lower Upper

93 100

95 83.8 66.0 99.0

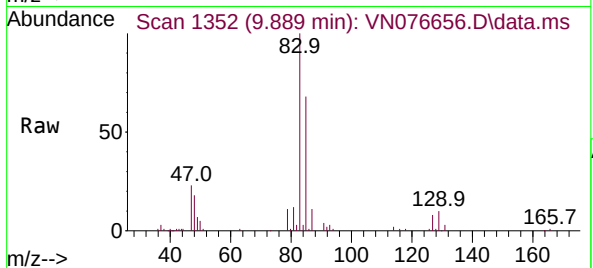
174 88.1 75.8 113.8





#47
Bromodichloromethane
Concen: 21.043 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

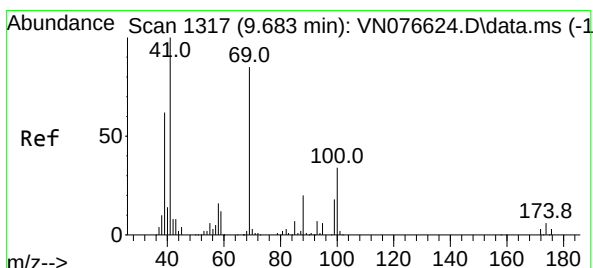
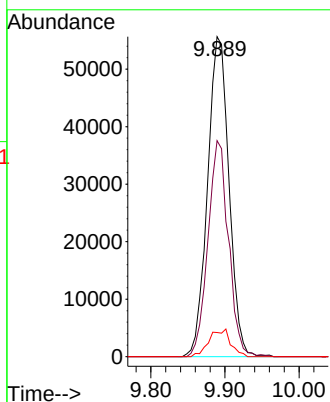
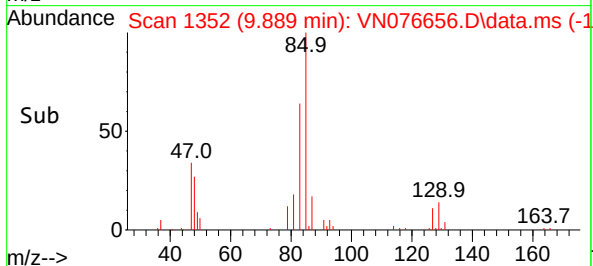
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 83 Resp: 11179
Ion Ratio Lower Upper
83 100
85 67.5 51.8 77.6
127 7.6 7.9 11.9

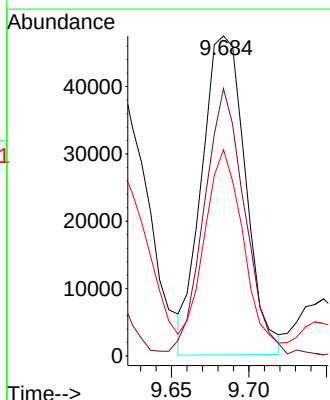
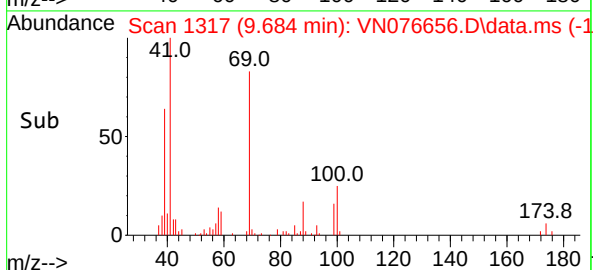
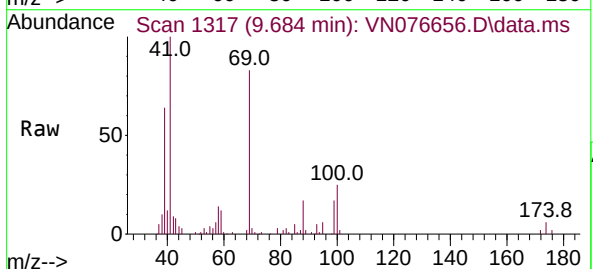
Manual Integrations
APPROVED

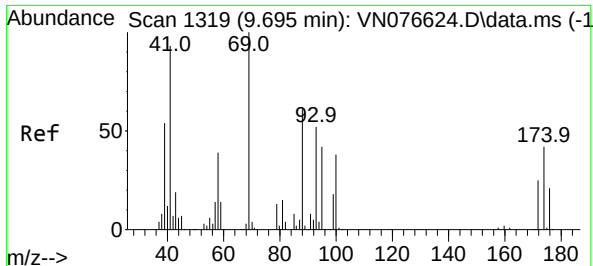
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#48
Methyl methacrylate
Concen: 22.453 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Tgt Ion: 41 Resp: 93005
Ion Ratio Lower Upper
41 100
69 77.8 65.4 98.0
39 58.9 49.3 73.9





#49

1,4-Dioxane

Concen: 455.750 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0214WBSD01

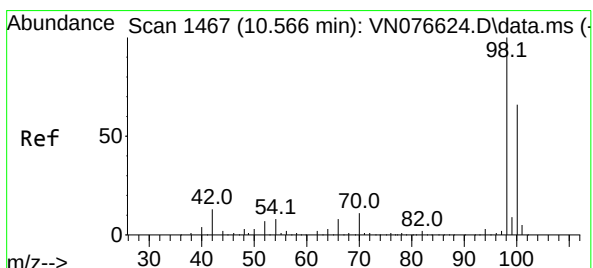
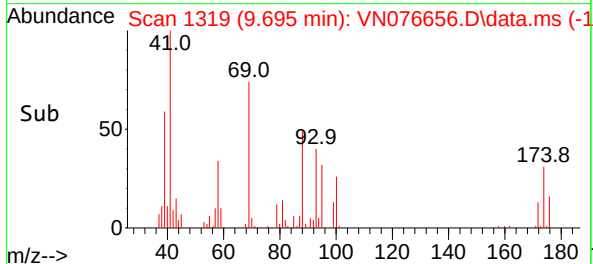
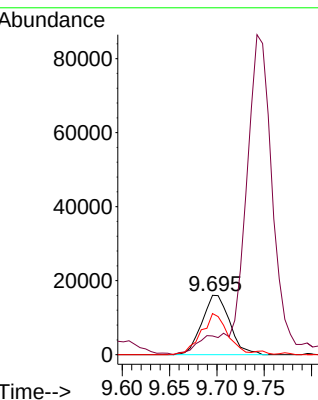
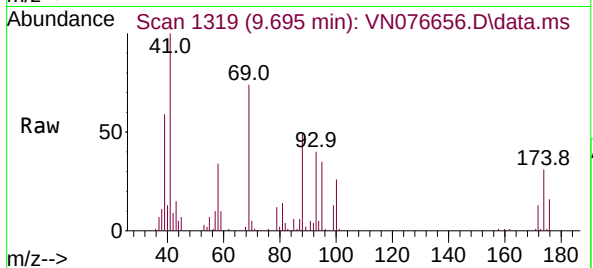
Tgt Ion: 88 Resp: 32650
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.6 33.8
 58 66.2 57.6 86.4

Manual Integrations

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Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#50

Toluene-d8

Concen: 46.752 ug/l

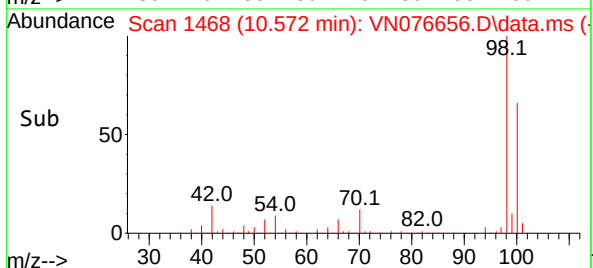
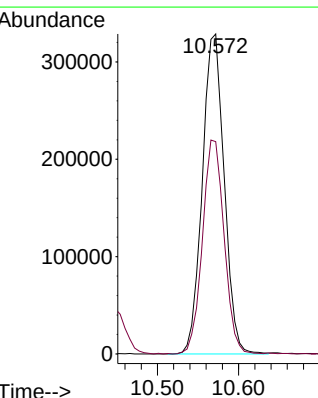
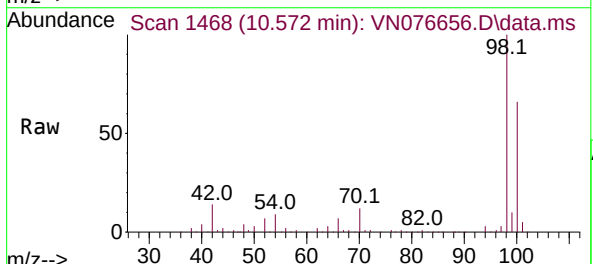
RT: 10.572 min Scan# 1468

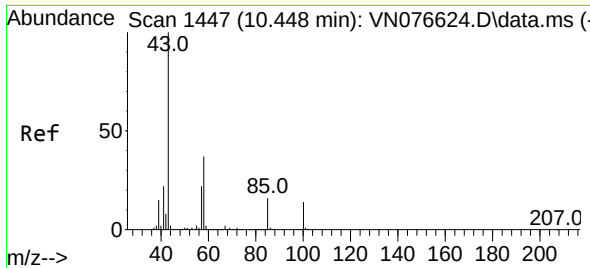
Delta R.T. 0.006 min

Lab File: VN076656.D

Acq: 14 Feb 2023 12:53

Tgt Ion: 98 Resp: 616144
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.9 79.3





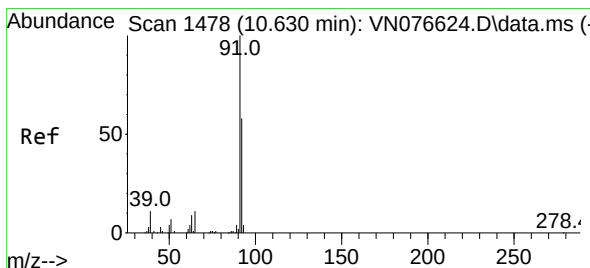
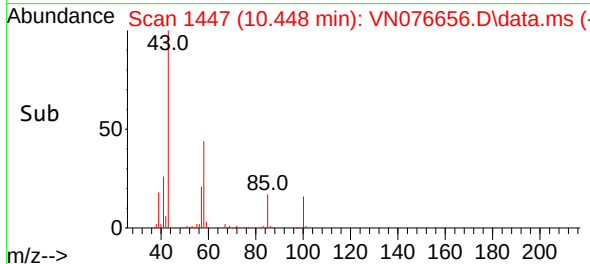
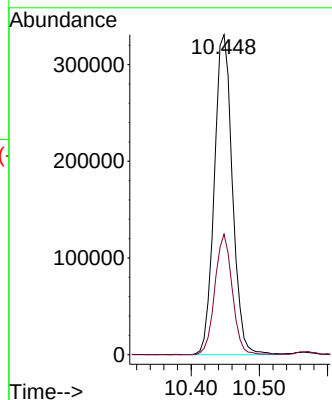
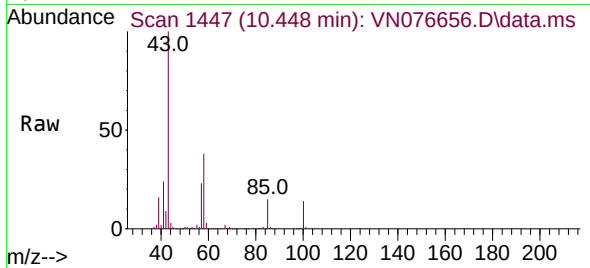
#51
4-Methyl-2-Pentanone
Concen: 110.284 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01

Tgt Ion: 43 Resp: 612510
Ion Ratio Lower Upper
43 100
58 36.2 29.5 44.3

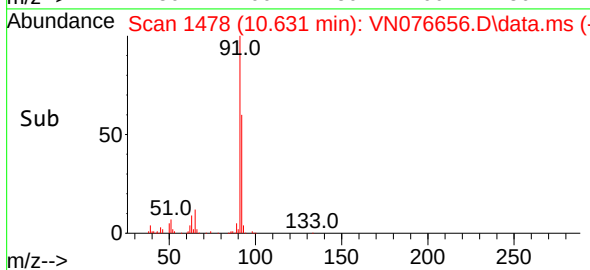
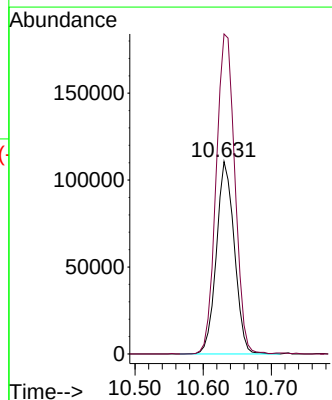
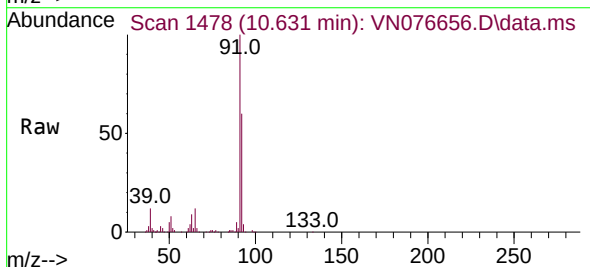
Manual Integrations
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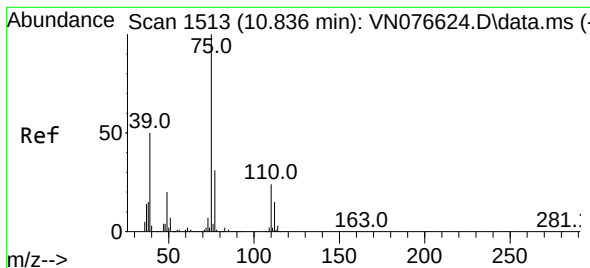
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#52
Toluene
Concen: 21.444 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

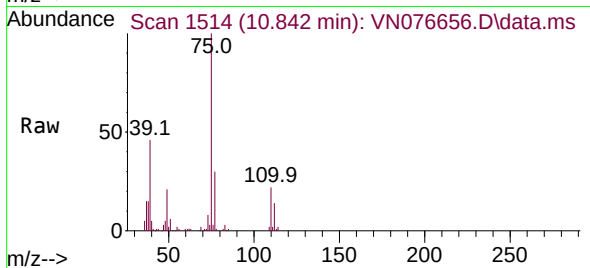
Tgt Ion: 92 Resp: 202714
Ion Ratio Lower Upper
92 100
91 173.8 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 22.362 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

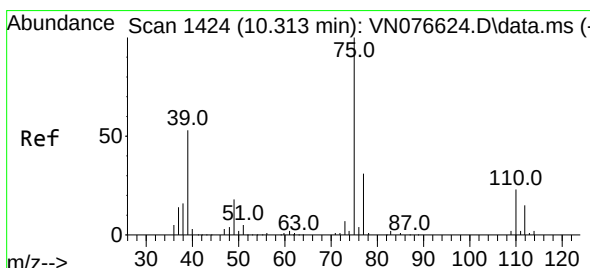
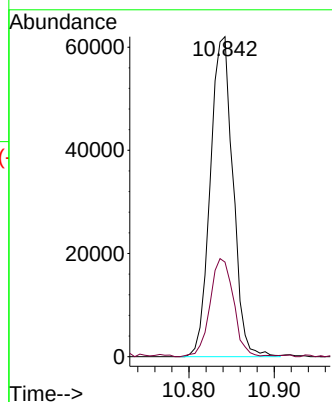
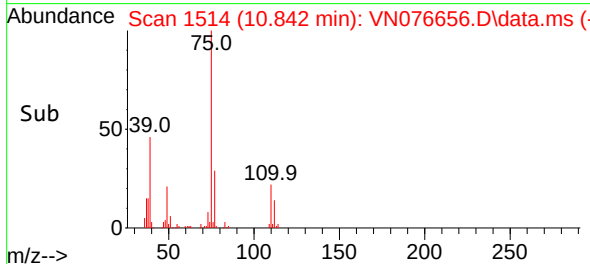
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 75 Resp: 114668
Ion Ratio Lower Upper
75 100
77 29.5 24.6 37.0

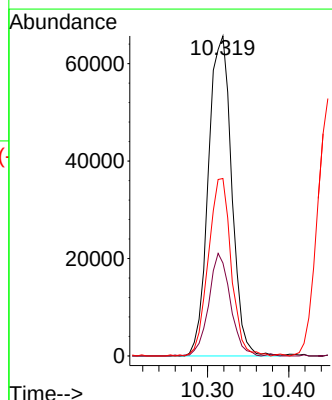
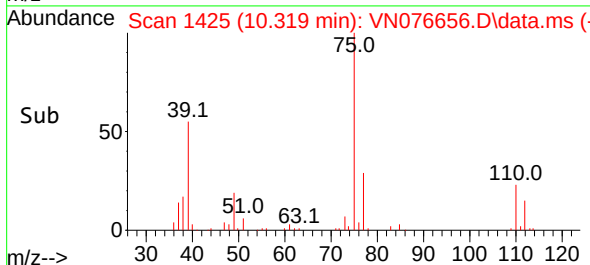
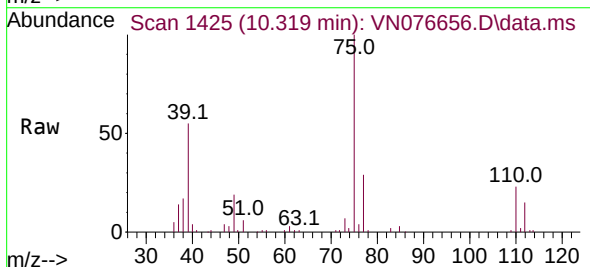
Manual Integrations
APPROVED

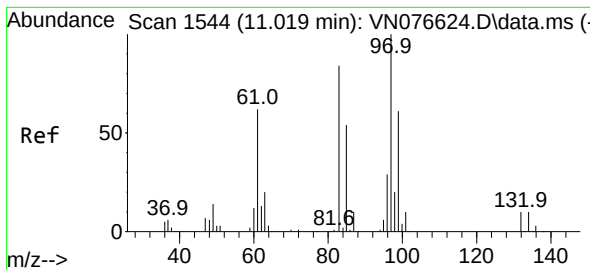
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#54
cis-1,3-Dichloropropene
Concen: 22.127 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

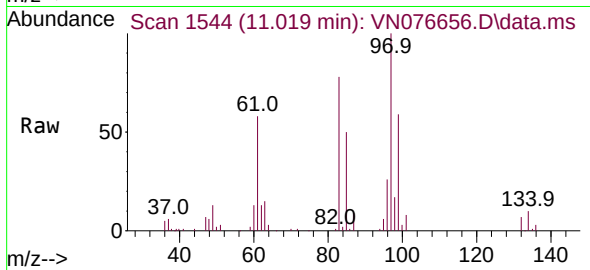
Tgt Ion: 75 Resp: 130877
Ion Ratio Lower Upper
75 100
77 29.1 25.1 37.7
39 55.1 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 21.160 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

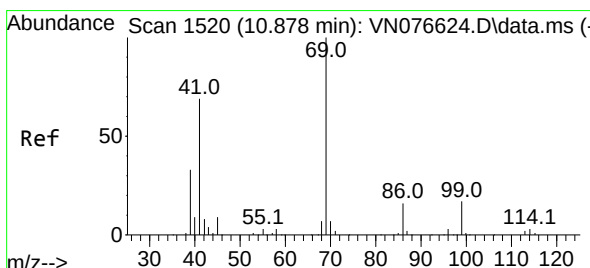
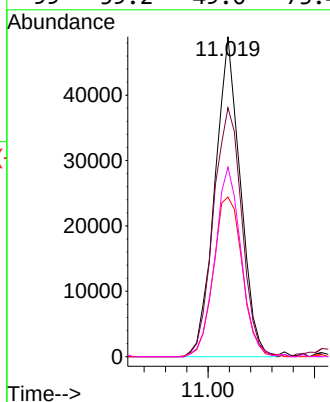
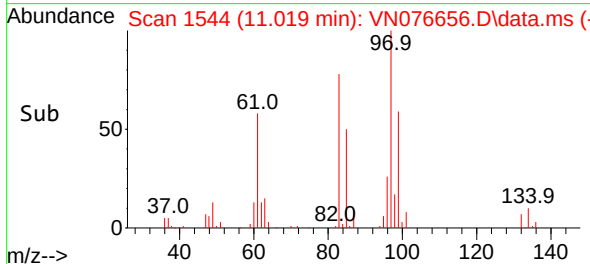
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



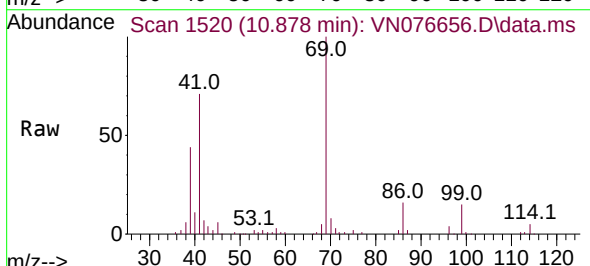
Tgt Ion: 97 Resp: 81338
Ion Ratio Lower Upper
97 100
83 77.8 67.3 100.9
85 49.9 43.2 64.8
99 59.2 49.0 73.4

Manual Integrations
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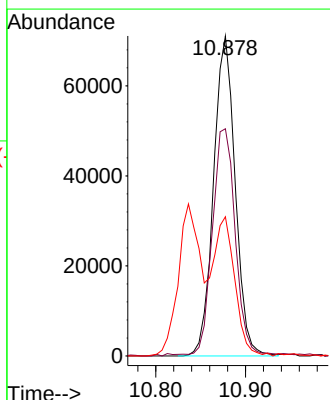
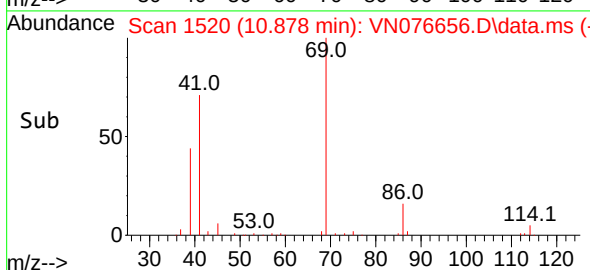
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

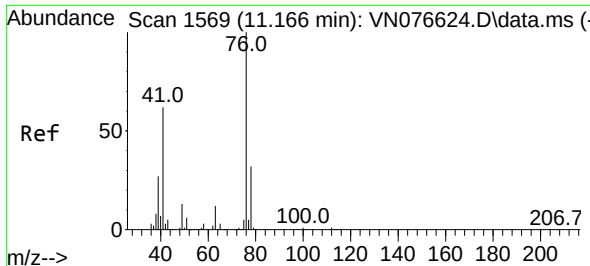


#56
Ethyl methacrylate
Concen: 22.022 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



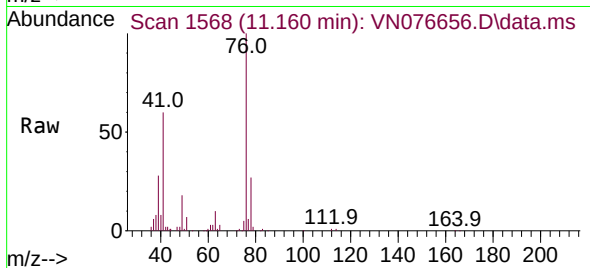
Tgt Ion: 69 Resp: 119156
Ion Ratio Lower Upper
69 100
41 73.9 55.1 82.7
39 39.7 30.7 46.1





#57
1,3-Dichloropropane
Concen: 21.448 ug/l
RT: 11.160 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

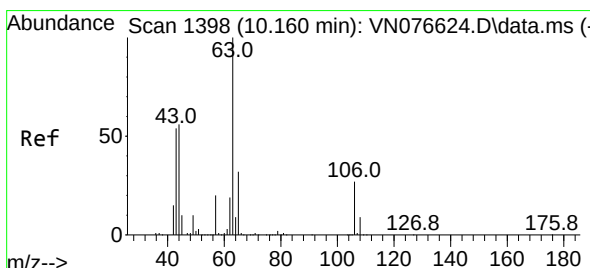
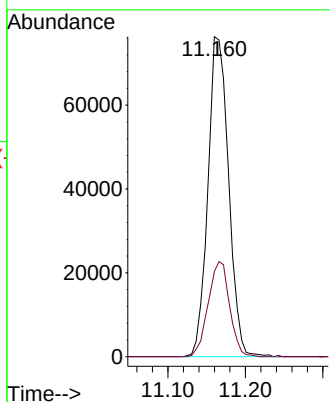
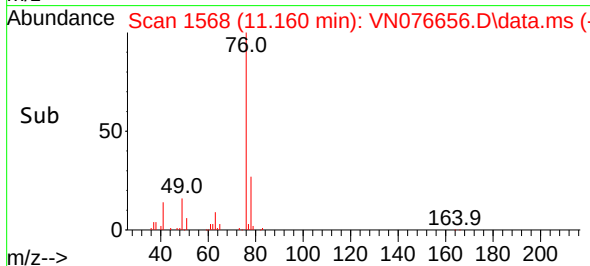
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 76 Resp: 14164
Ion Ratio Lower Upper
76 100
78 30.7 26.1 39.1

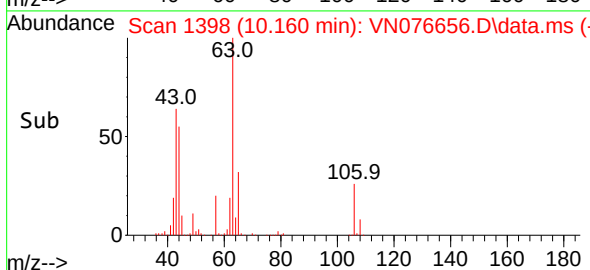
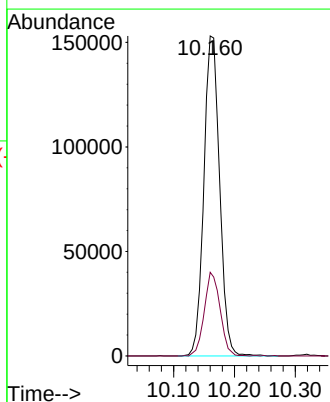
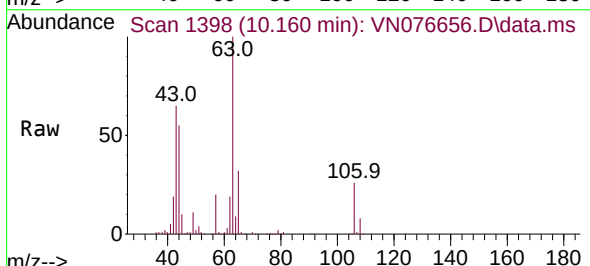
Manual Integrations
APPROVED

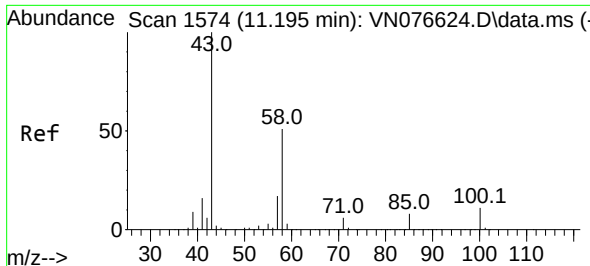
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 111.177 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

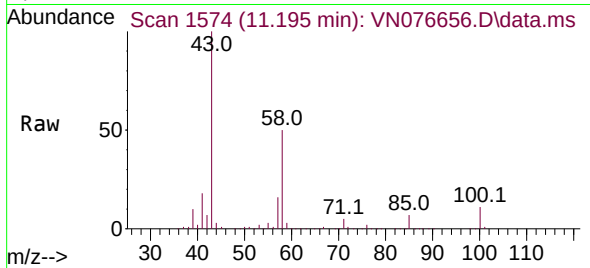
Tgt Ion: 63 Resp: 275493
Ion Ratio Lower Upper
63 100
106 26.3 22.3 33.5





#59
2-Hexanone
Concen: 111.544 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

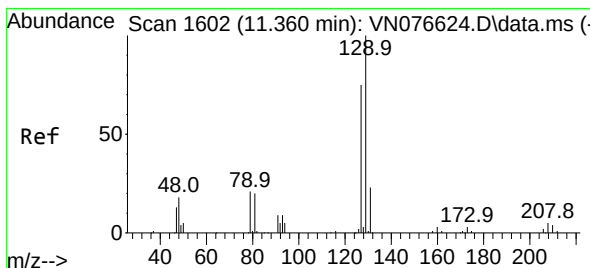
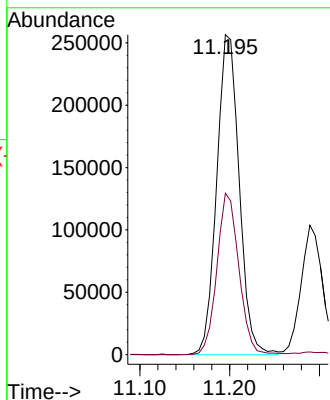
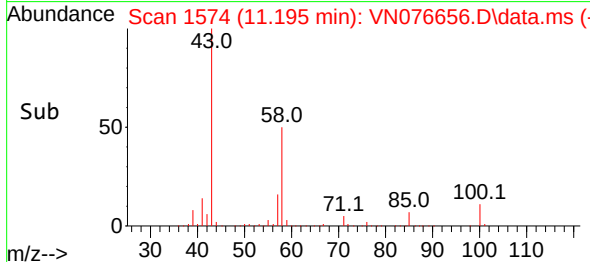
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



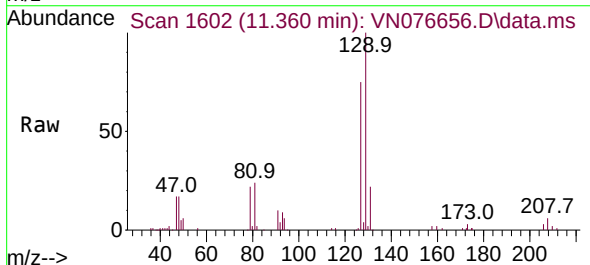
Tgt Ion: 43 Resp: 446692
Ion Ratio Lower Upper
43 100
58 49.2 25.4 76.0

Manual Integrations
APPROVED

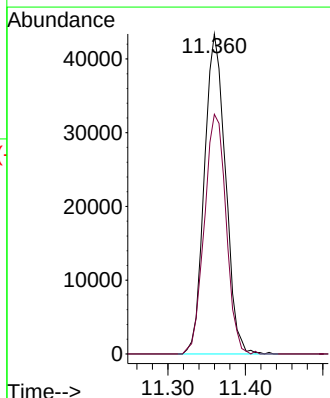
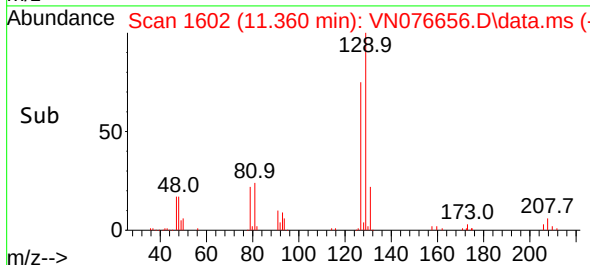
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

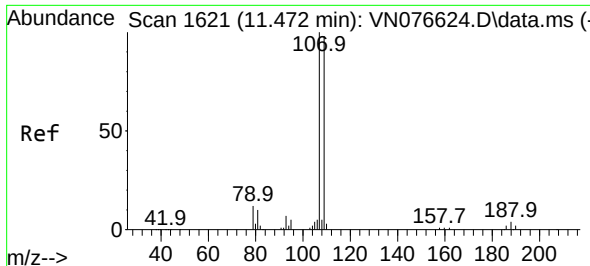


#60
Dibromochloromethane
Concen: 20.275 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



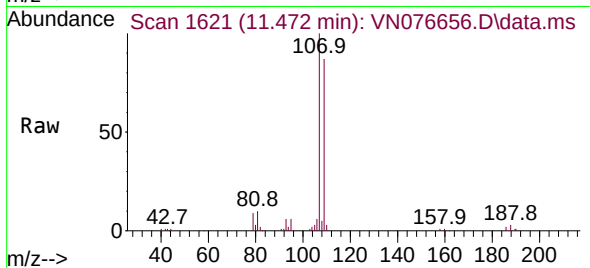
Tgt Ion:129 Resp: 82138
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.015 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

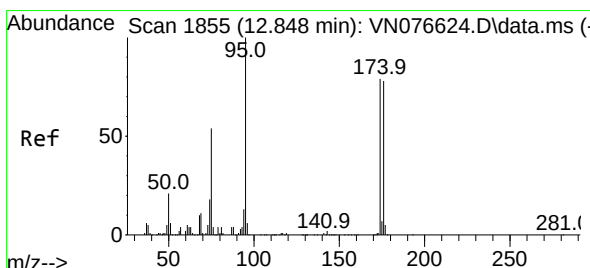
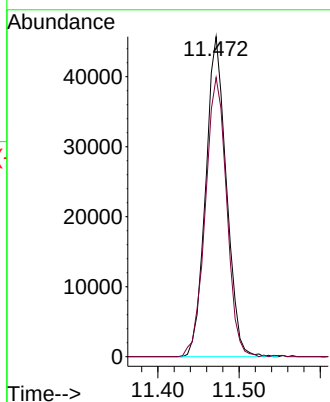
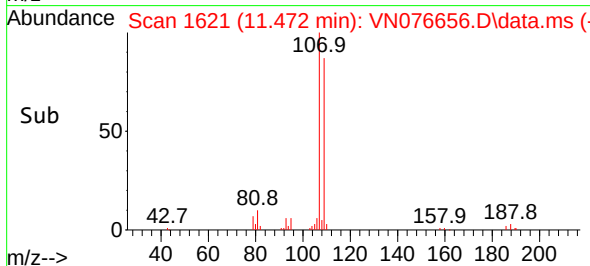
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



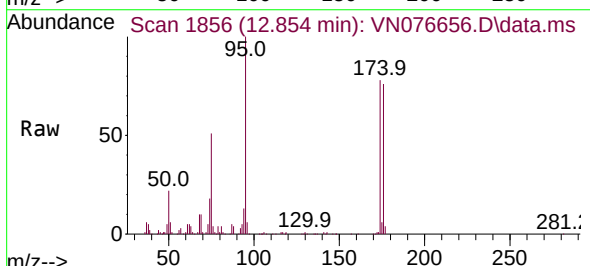
Tgt Ion:107 Resp: 80859
Ion Ratio Lower Upper
107 100
109 89.9 76.8 115.2

Manual Integrations
APPROVED

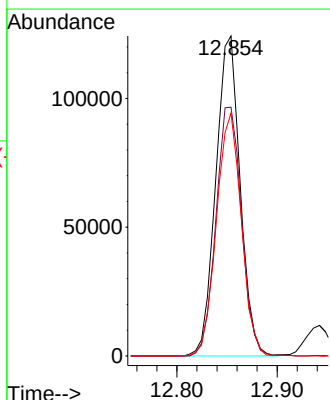
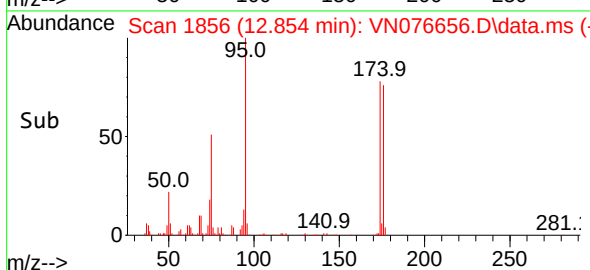
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

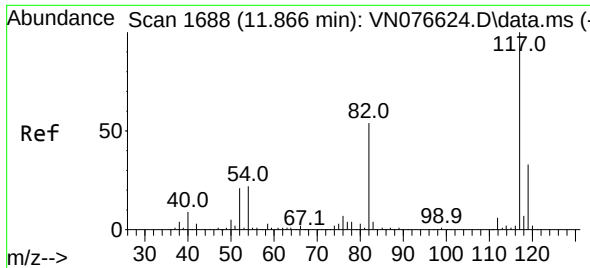


#62
4-Bromofluorobenzene
Concen: 47.966 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



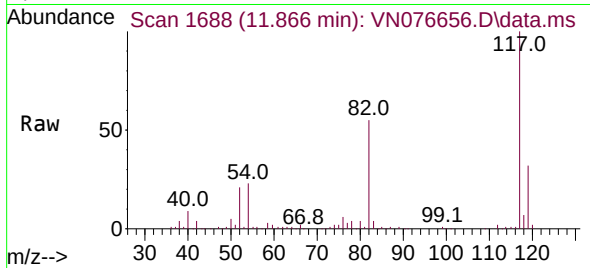
Tgt Ion: 95 Resp: 209368
Ion Ratio Lower Upper
95 100
174 81.5 0.0 169.2
176 77.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

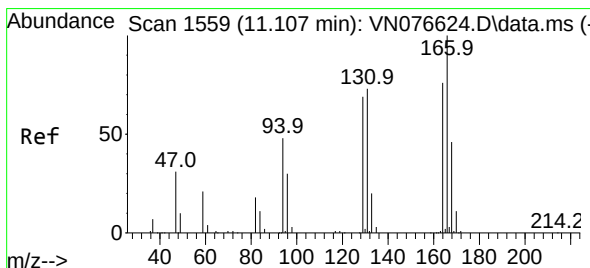
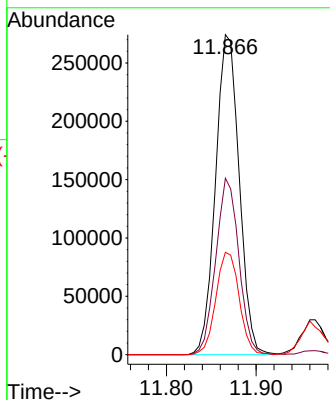
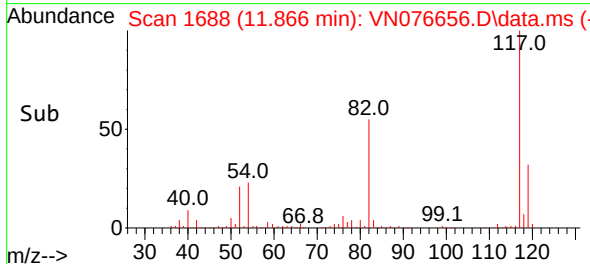
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



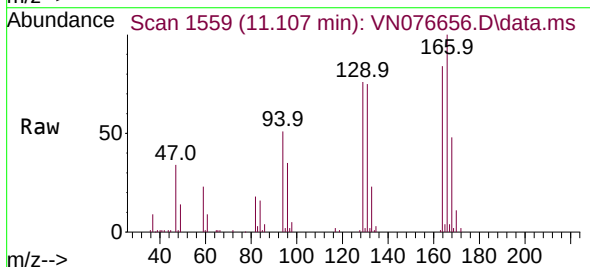
Tgt Ion:117 Resp: 502410
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.2
119 32.0 26.1 39.1

Manual Integrations
APPROVED

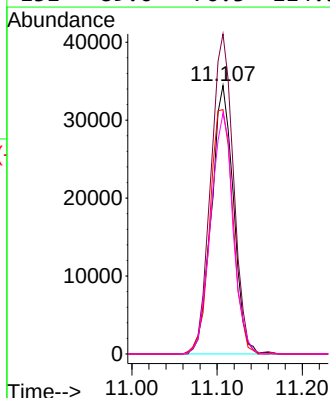
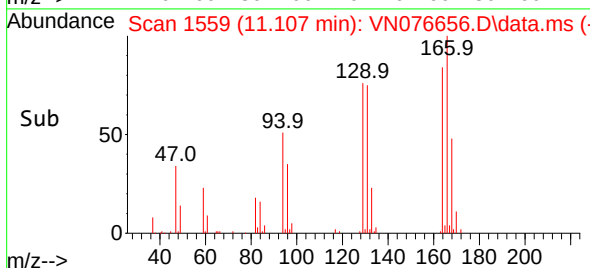
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

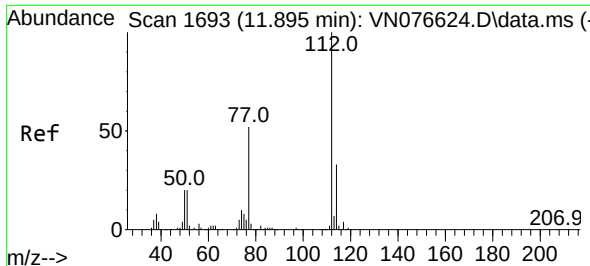


#64
Tetrachloroethene
Concen: 19.543 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



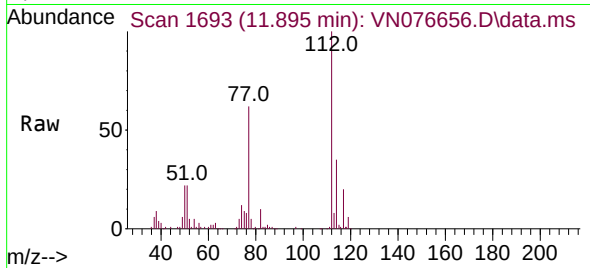
Tgt Ion:164 Resp: 61878
Ion Ratio Lower Upper
164 100
166 119.2 104.8 157.2
129 91.0 72.2 108.2
131 89.6 76.3 114.5





#65
Chlorobenzene
Concen: 20.074 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

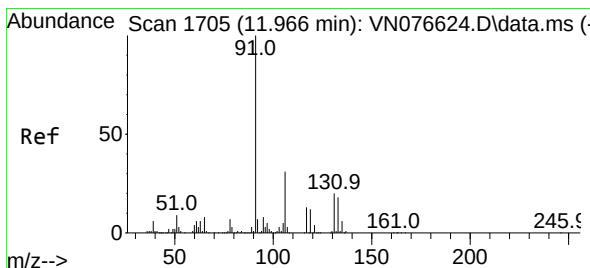
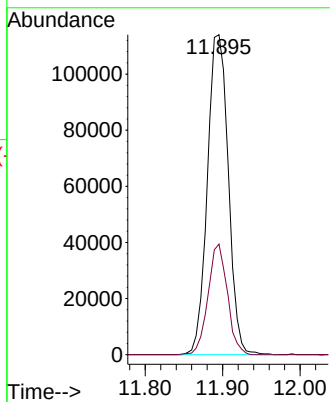
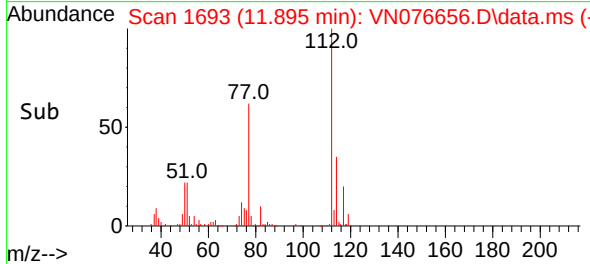
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



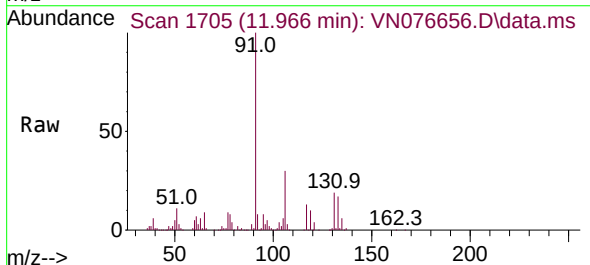
Tgt Ion:112 Resp: 21373
Ion Ratio Lower Upper
112 100
114 34.5 26.4 39.6

Manual Integrations
APPROVED

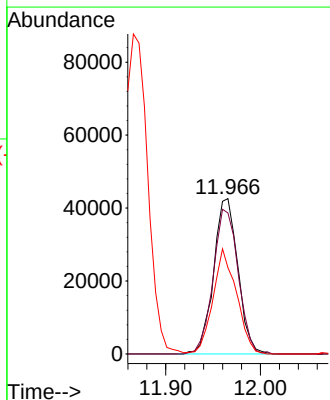
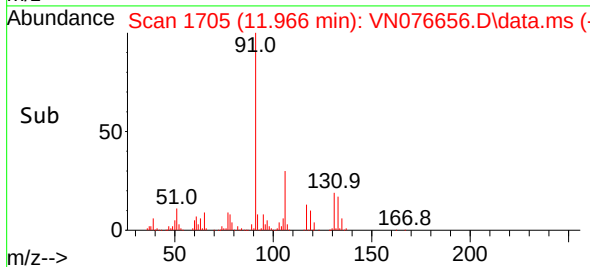
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

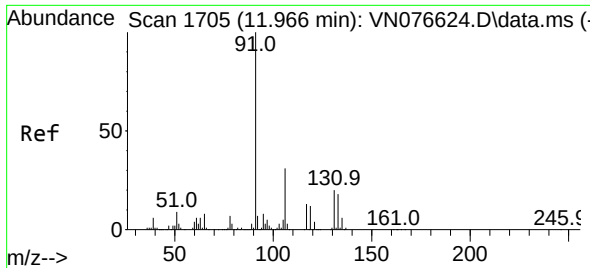


#66
1,1,1,2-Tetrachloroethane
Concen: 19.625 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



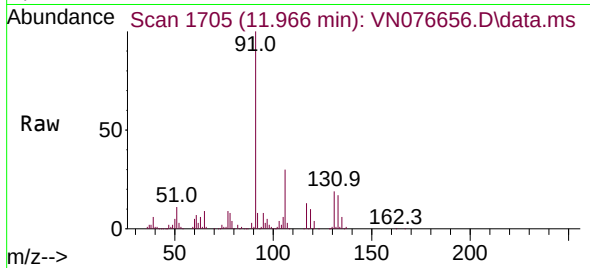
Tgt Ion:131 Resp: 75901
Ion Ratio Lower Upper
131 100
133 96.4 47.0 141.0
119 65.8 32.3 96.8





#67
Ethyl Benzene
Concen: 20.621 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

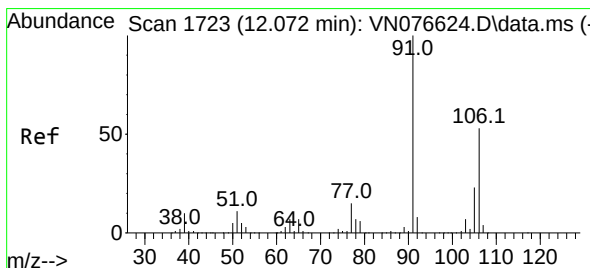
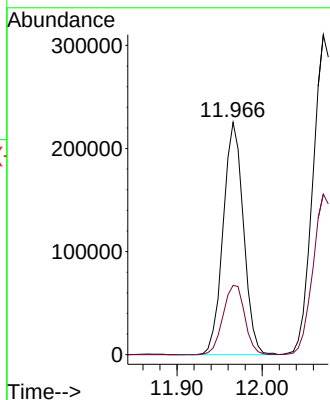
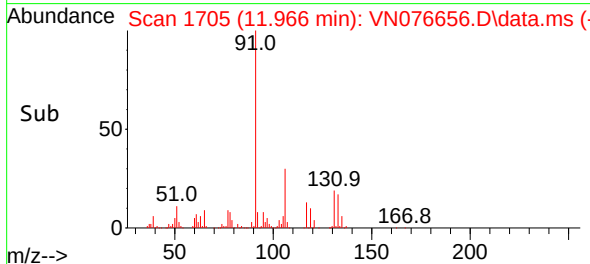
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



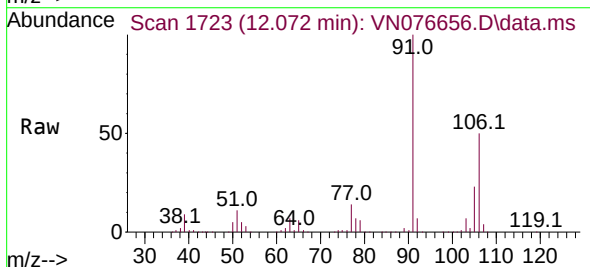
Tgt Ion: 91 Resp: 374060
Ion Ratio Lower Upper
91 100
106 29.8 25.1 37.7

Manual Integrations
APPROVED

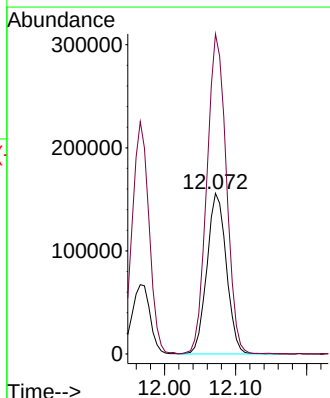
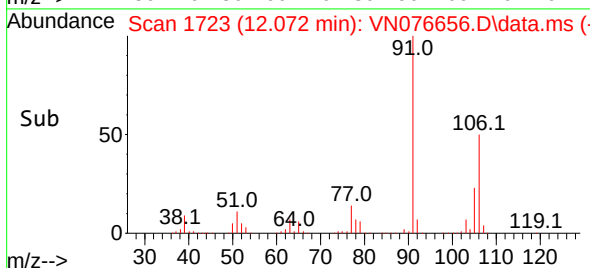
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

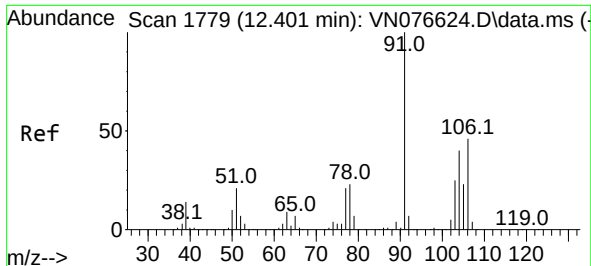


#68
m/p-Xylenes
Concen: 42.378 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



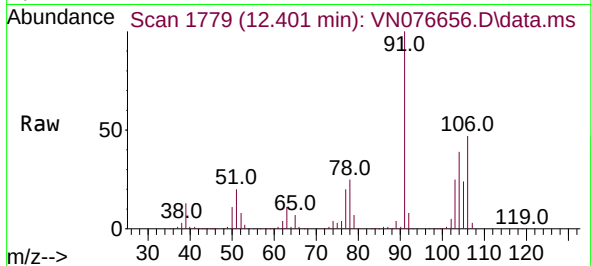
Tgt Ion:106 Resp: 296316
Ion Ratio Lower Upper
106 100
91 198.7 154.7 232.1





#69
o-Xylene
Concen: 21.280 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

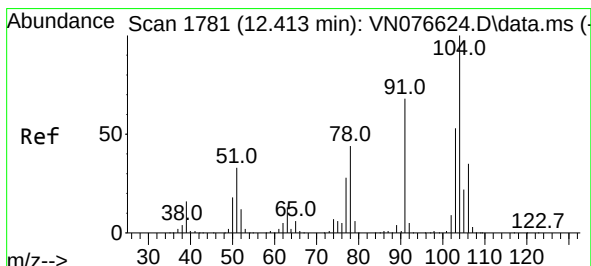
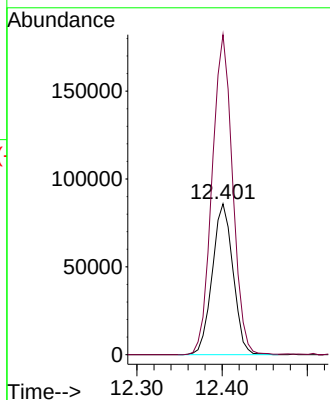
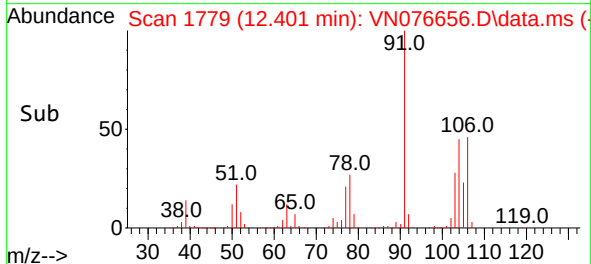
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



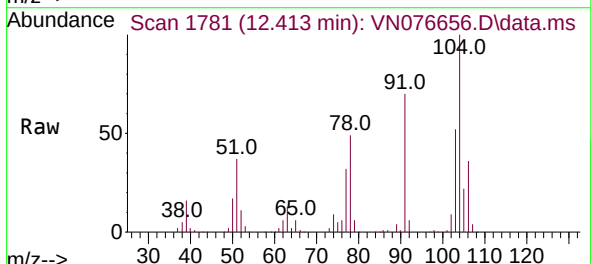
Tgt Ion:106 Resp: 145114
Ion Ratio Lower Upper
106 100
91 209.9 105.8 317.4

Manual Integrations
APPROVED

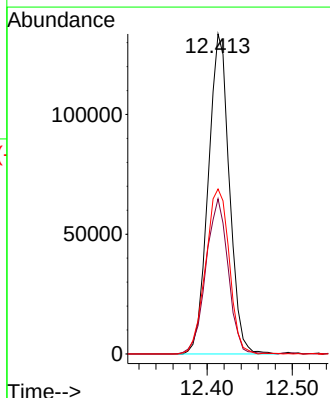
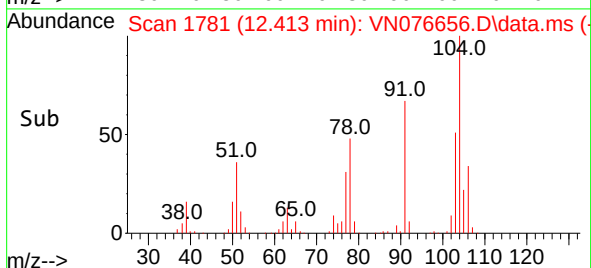
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

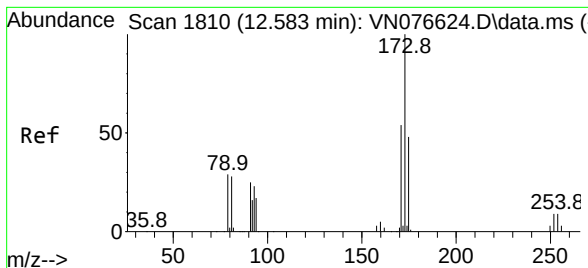


#70
Styrene
Concen: 20.843 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



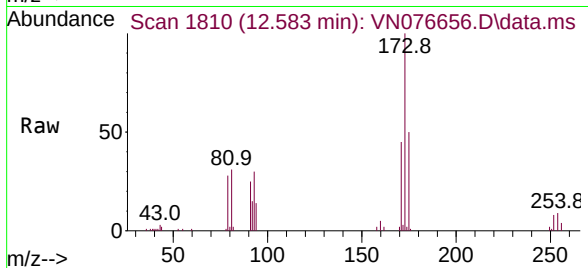
Tgt Ion:104 Resp: 229838
Ion Ratio Lower Upper
104 100
78 51.1 38.2 57.4
103 57.5 44.2 66.4





#71
Bromoform
Concen: 20.584 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

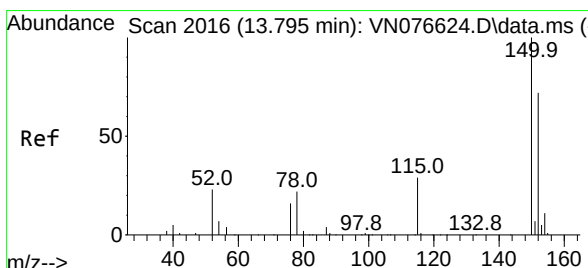
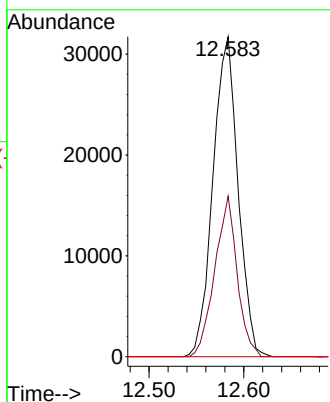
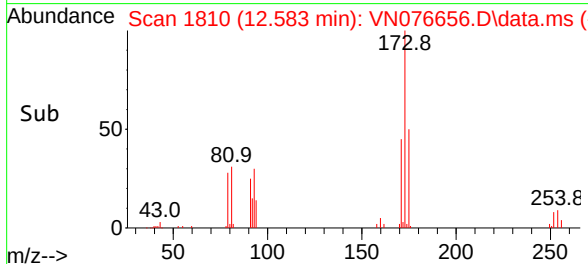
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



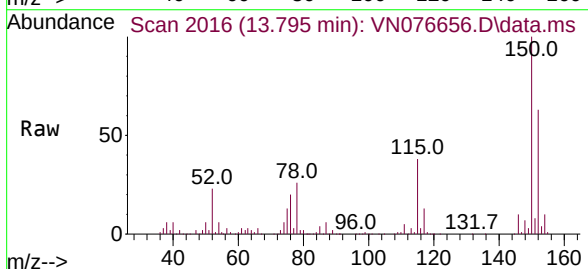
Tgt Ion:173 Resp: 58391
Ion Ratio Lower Upper
173 100
175 44.8 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

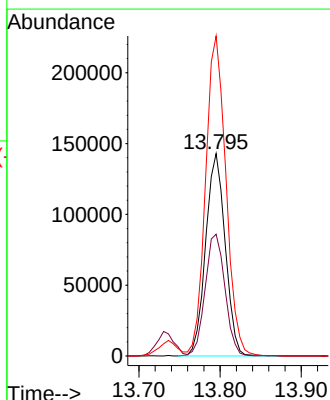
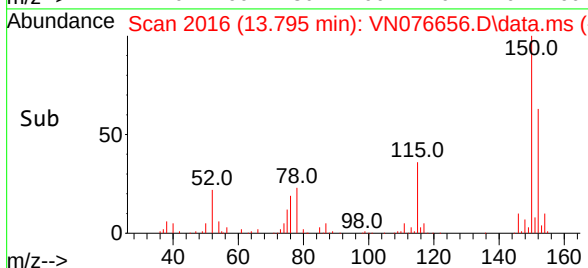
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

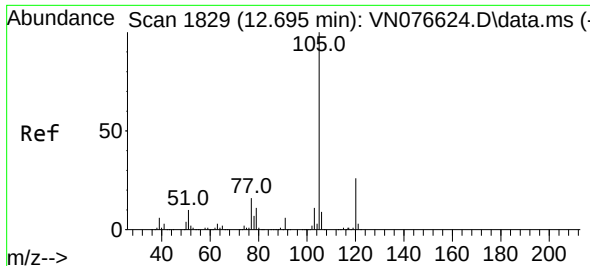


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



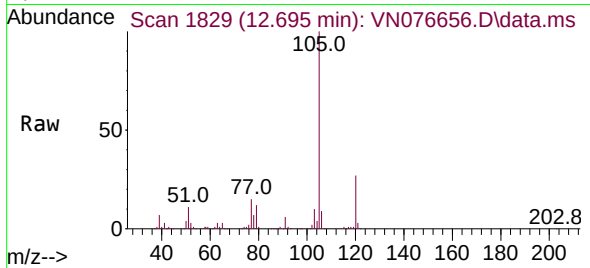
Tgt Ion:152 Resp: 238941
Ion Ratio Lower Upper
152 100
115 60.7 29.3 87.9
150 164.3 0.0 349.8





#73
Isopropylbenzene
Concen: 20.621 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

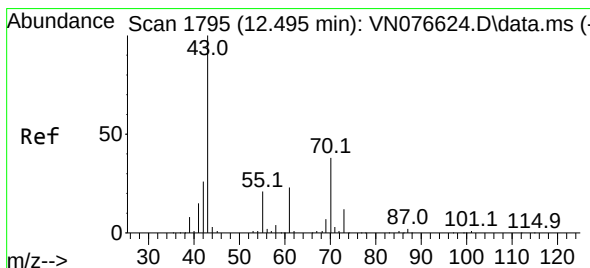
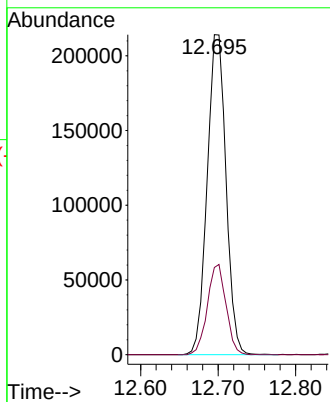
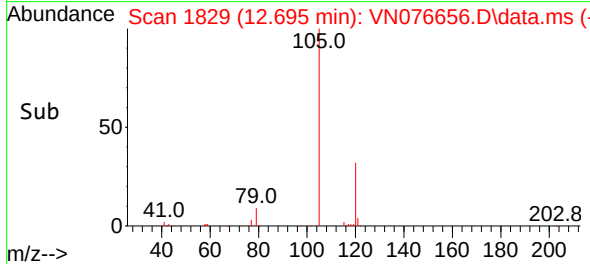
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



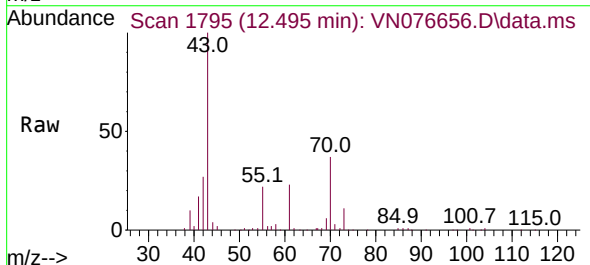
Tgt Ion:105 Resp: 36114
Ion Ratio Lower Upper
105 100
120 27.9 13.7 41.0

Manual Integrations
APPROVED

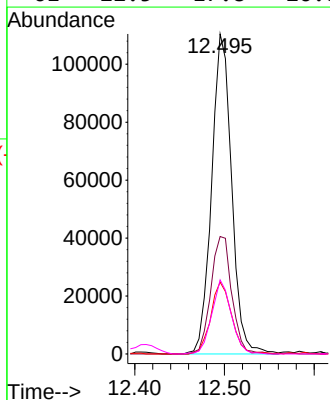
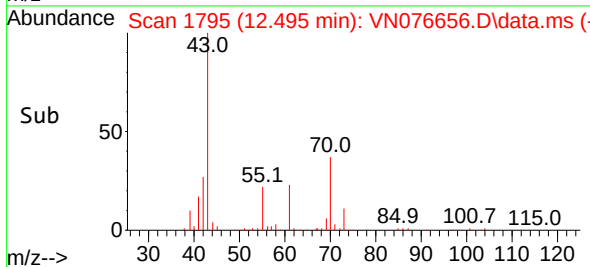
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

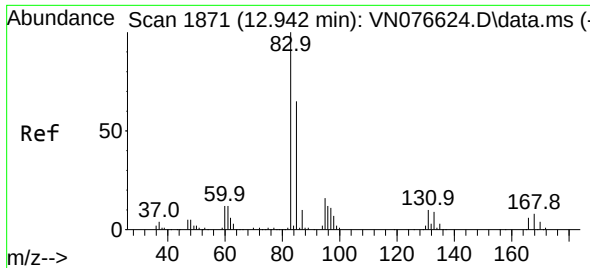


#74
N-ethyl acetate
Concen: 21.701 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



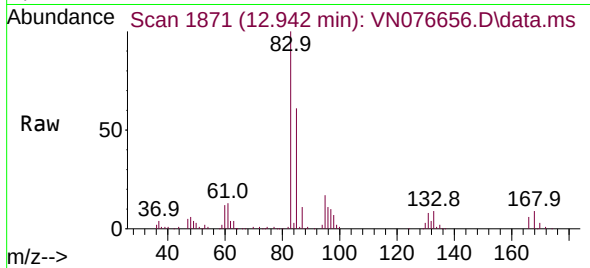
Tgt Ion: 43 Resp: 171313
Ion Ratio Lower Upper
43 100
70 38.4 30.5 45.7
55 23.4 17.8 26.8
61 22.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.458 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

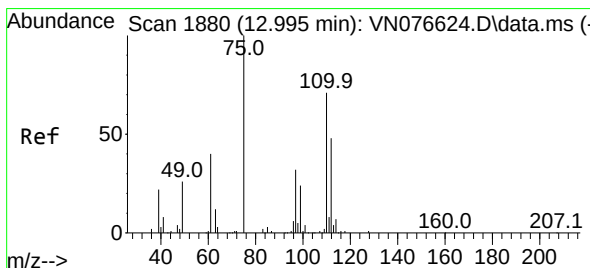
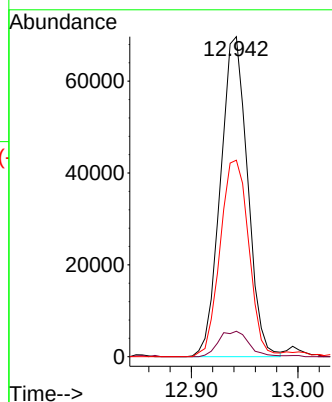
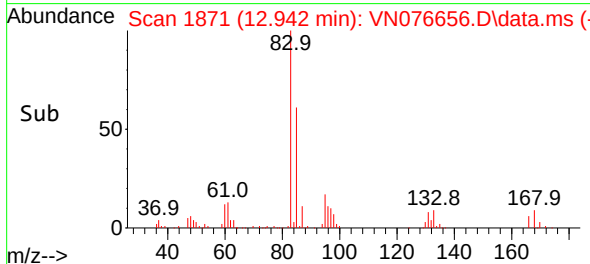
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



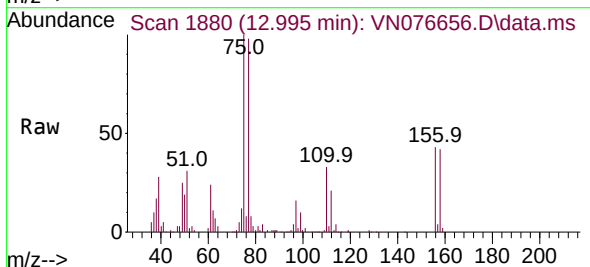
Tgt Ion: 83 Resp: 12335
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 64.8 31.8 95.3

Manual Integrations
APPROVED

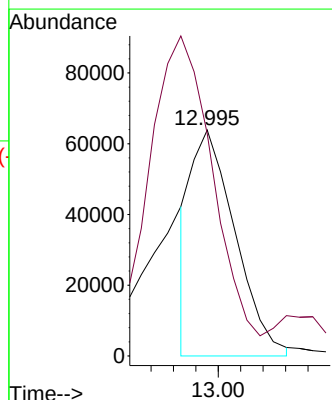
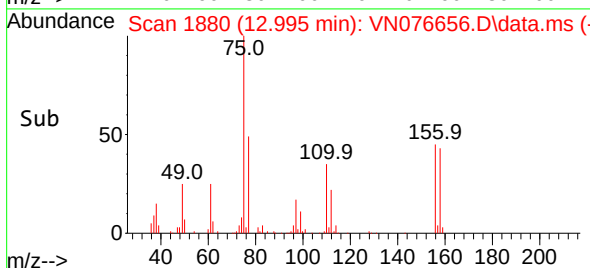
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

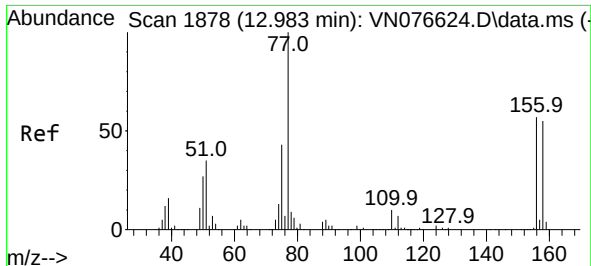


#76
1,2,3-Trichloropropane
Concen: 18.015 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



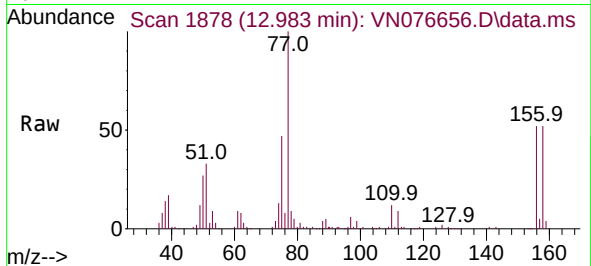
Tgt Ion: 75 Resp: 87023
Ion Ratio Lower Upper
75 100
77 211.0 93.1 279.3





#77
Bromobenzene
Concen: 19.984 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

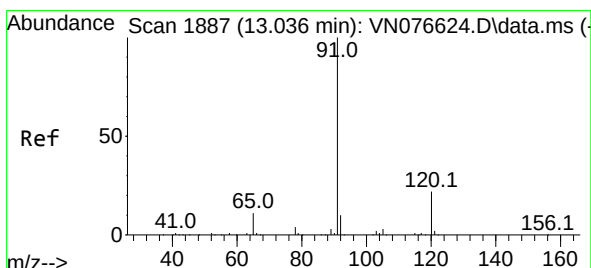
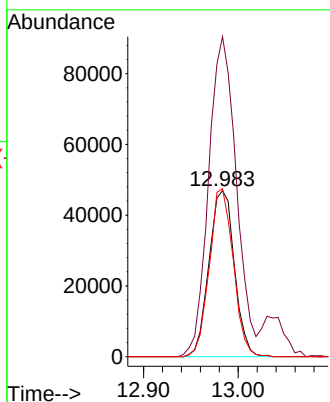
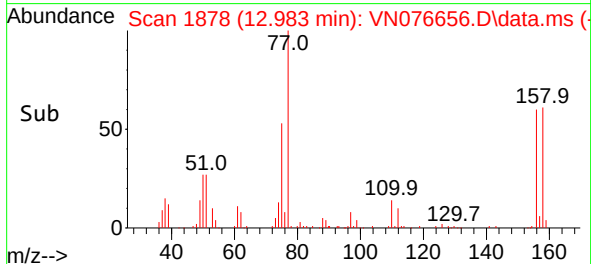
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion:156 Resp: 8732
Ion Ratio Lower Upper
156 100
77 210.2 102.8 308.4
158 95.2 48.9 146.6

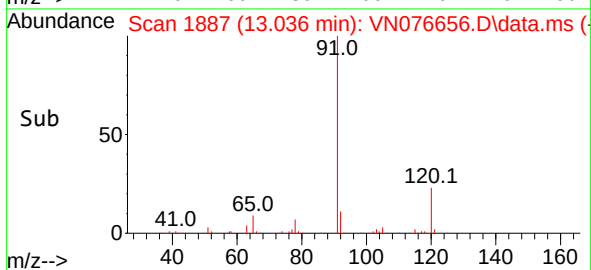
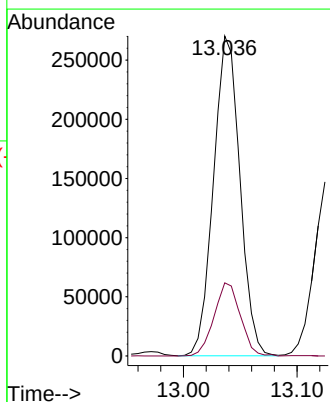
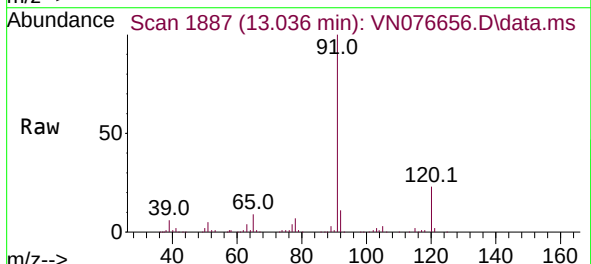
Manual Integrations
APPROVED

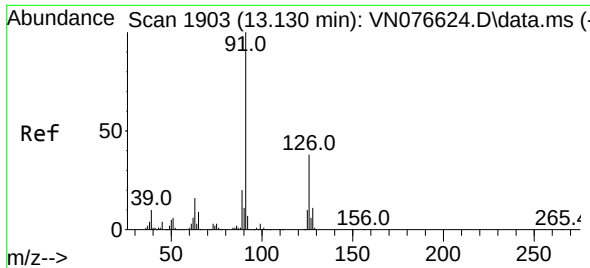
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#78
n-propylbenzene
Concen: 21.257 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Tgt Ion: 91 Resp: 437156
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





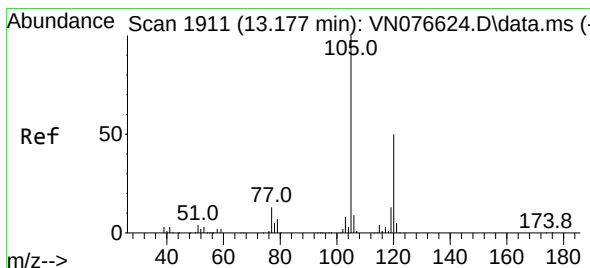
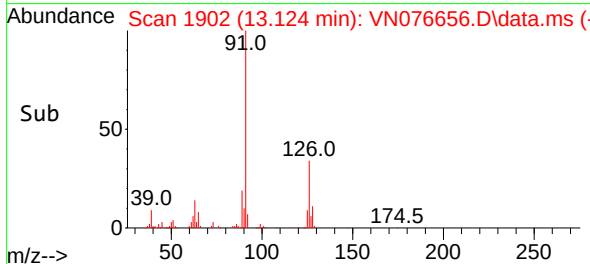
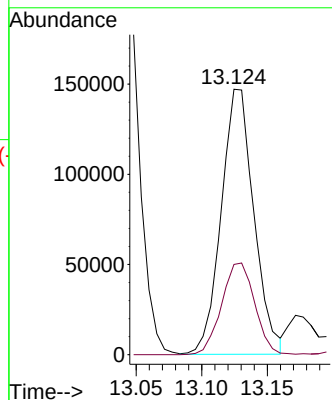
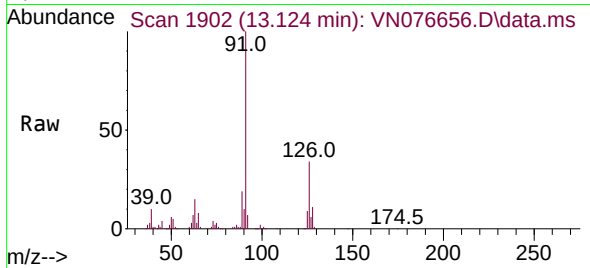
#79
2-Chlorotoluene
Concen: 20.247 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01

Tgt Ion: 91 Resp: 254949
Ion Ratio Lower Upper
91 100
126 35.1 17.7 53.1

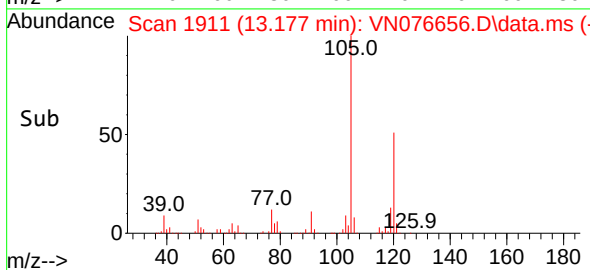
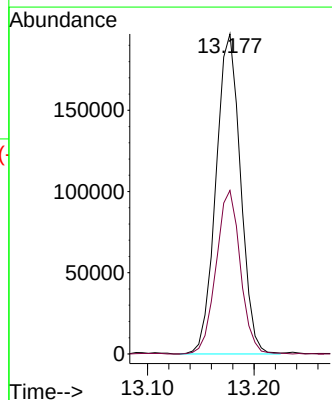
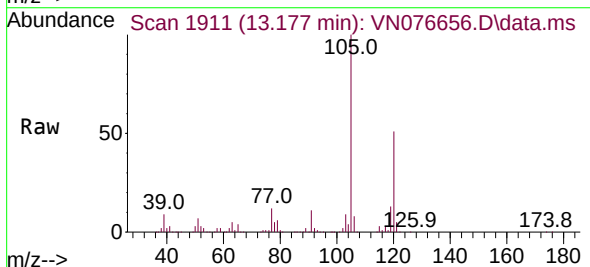
Manual Integrations
APPROVED

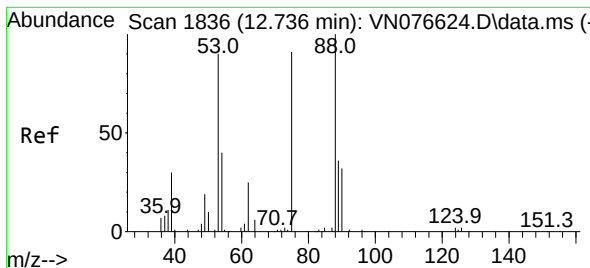
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.750 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

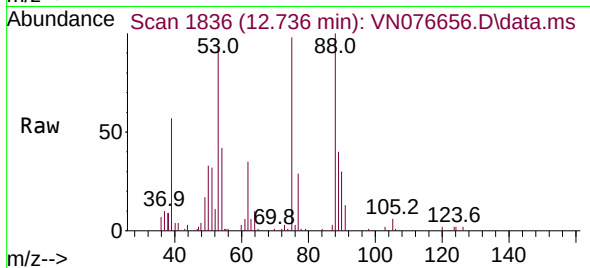
Tgt Ion:105 Resp: 314803
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 23.373 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

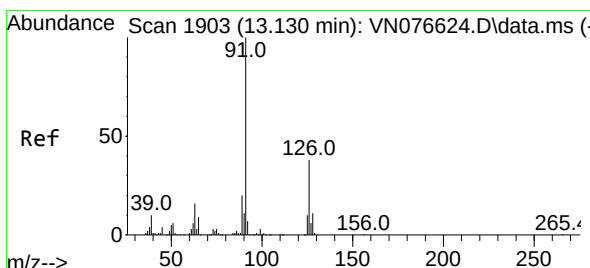
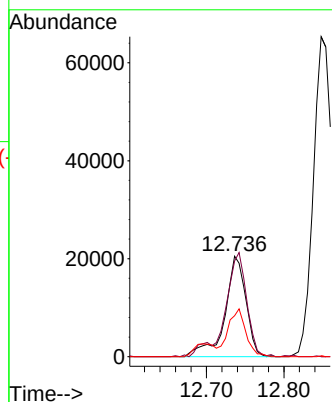
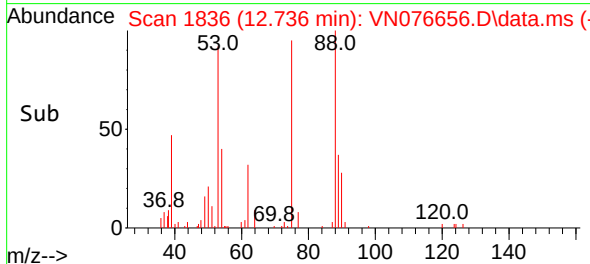
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



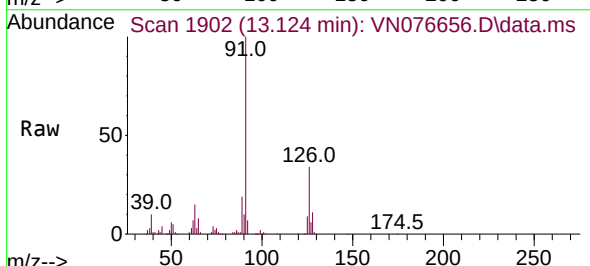
Tgt Ion: 75 Resp: 38760
Ion Ratio Lower Upper
75 100
53 106.9 92.1 138.1
89 40.5 37.5 56.3

Manual Integrations
APPROVED

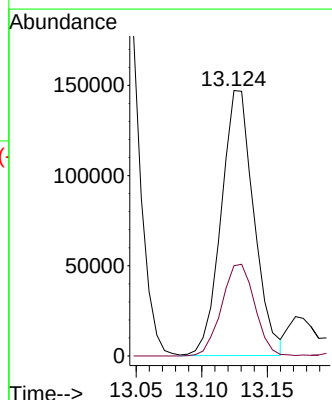
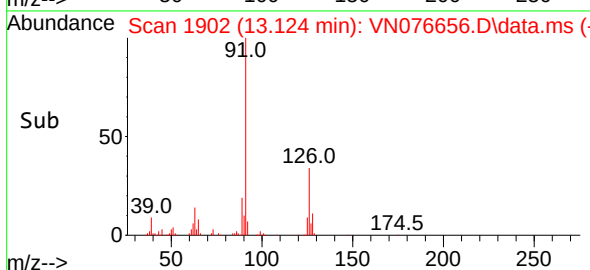
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

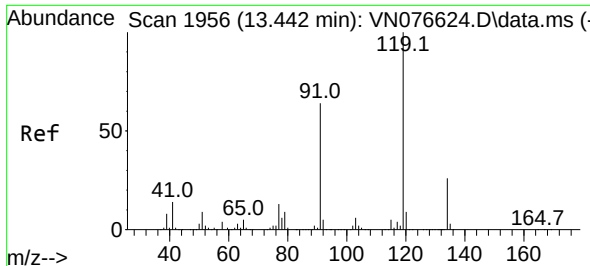


#82
4-Chlorotoluene
Concen: 20.247 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



Tgt Ion: 91 Resp: 254949
Ion Ratio Lower Upper
91 100
126 35.1 17.7 53.1





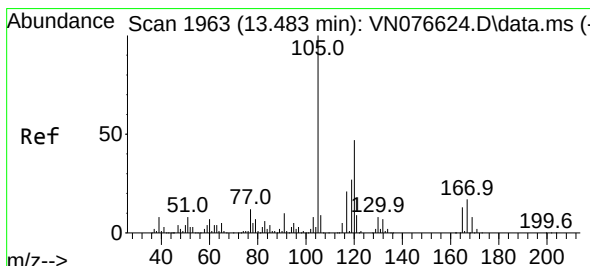
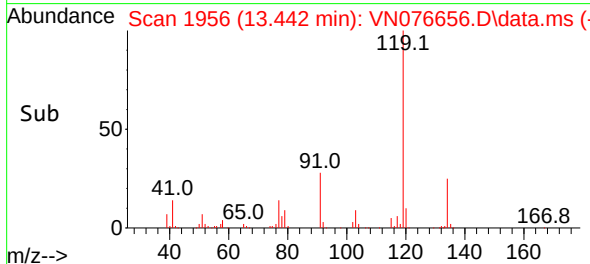
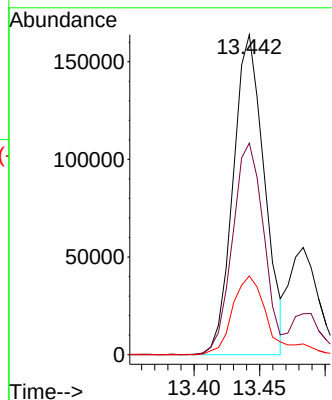
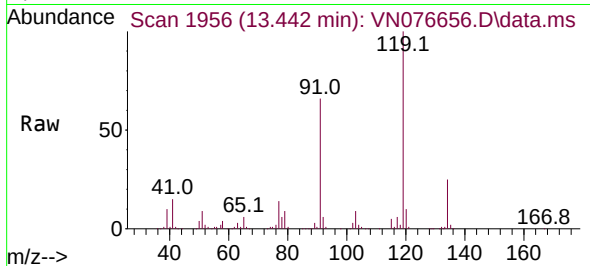
#83
tert-Butylbenzene
Concen: 20.715 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01

Tgt Ion:119 Resp: 271229
Ion Ratio Lower Upper
119 100
91 66.2 32.0 96.2
134 28.2 13.8 41.4

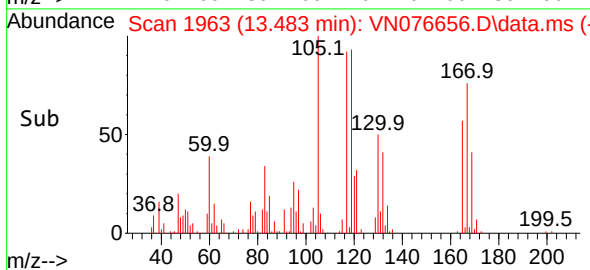
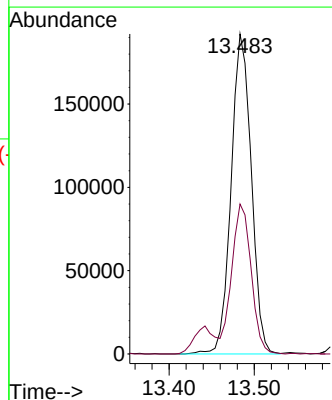
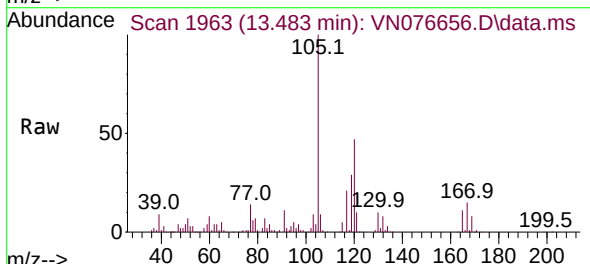
Manual Integrations
APPROVED

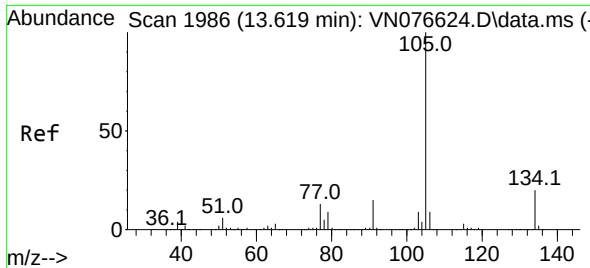
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.862 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

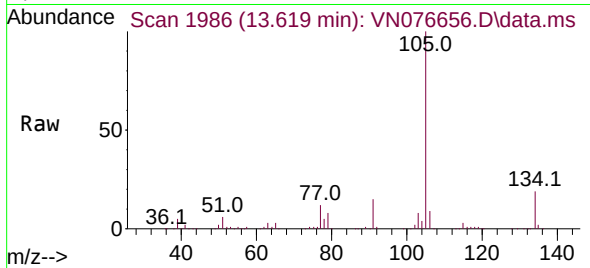
Tgt Ion:105 Resp: 315351
Ion Ratio Lower Upper
105 100
120 45.1 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 21.711 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076656.D
 Acq: 14 Feb 2023 12:53

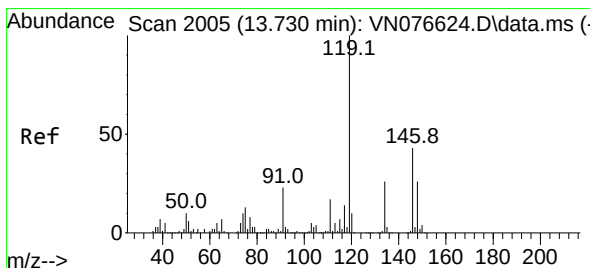
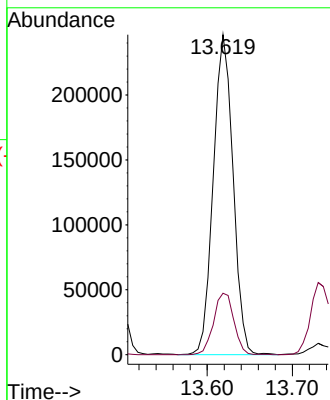
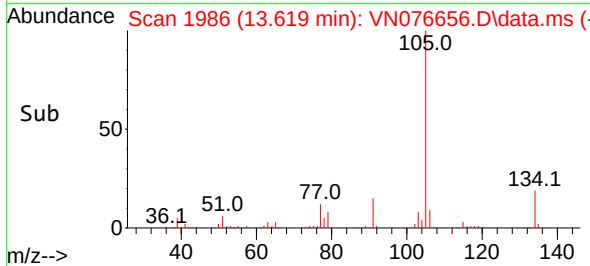
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBSD01



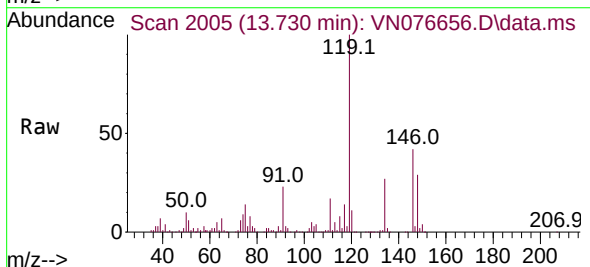
Tgt Ion:105 Resp: 396884
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.5 31.5

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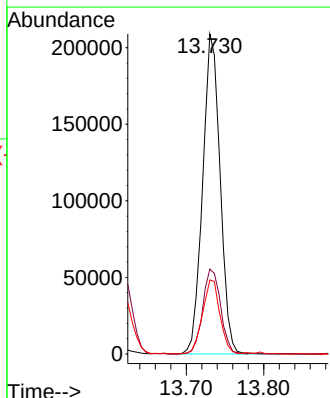
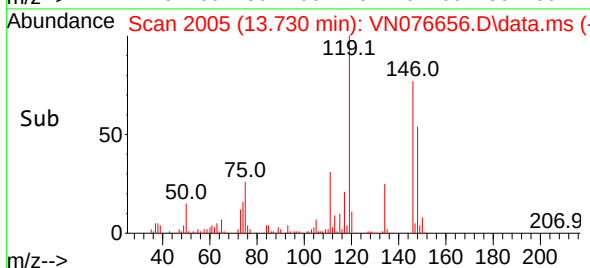
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/15/2023

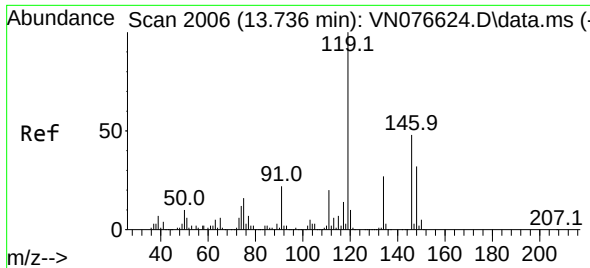


#86
 p-Isopropyltoluene
 Concen: 22.432 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076656.D
 Acq: 14 Feb 2023 12:53



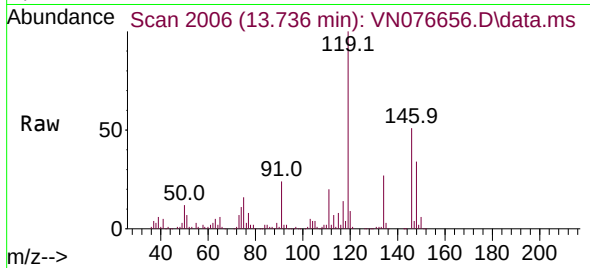
Tgt Ion:119 Resp: 327451
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 23.0 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 20.103 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

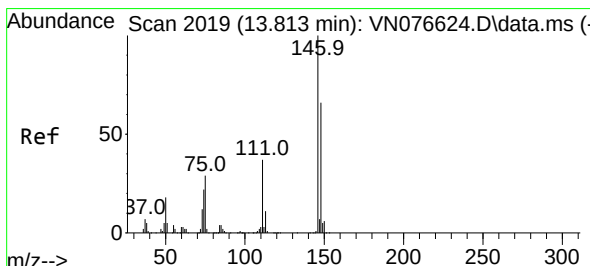
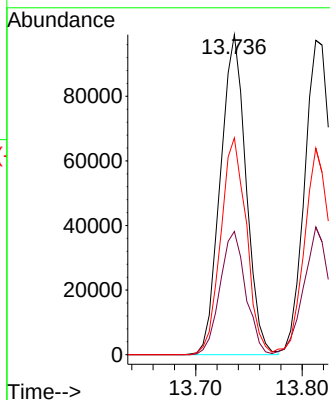
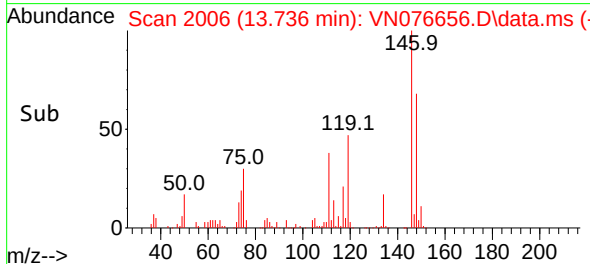
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



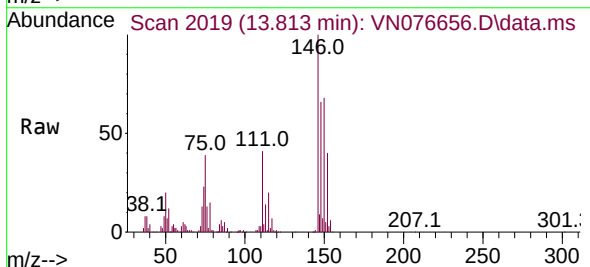
Tgt Ion:146 Resp: 166049
Ion Ratio Lower Upper
146 100
111 38.4 19.8 59.4
148 67.6 32.0 96.2

Manual Integrations
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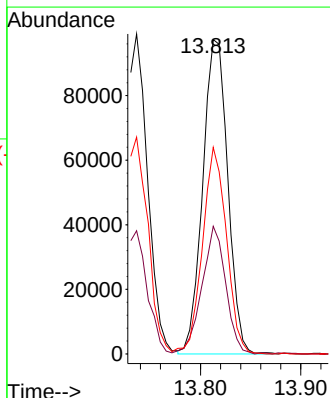
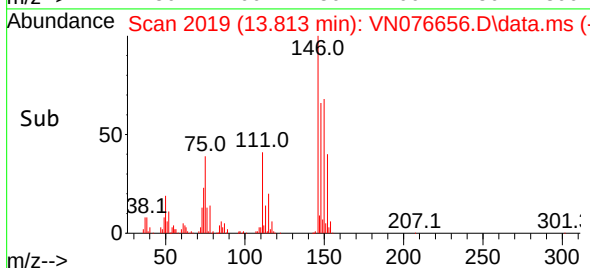
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

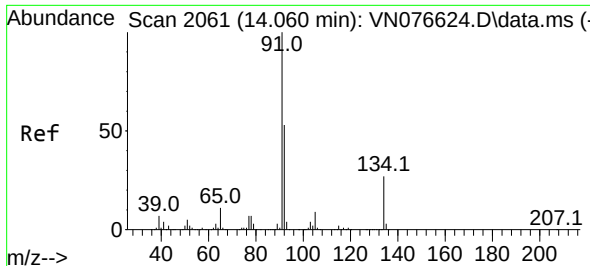


#88
1,4-Dichlorobenzene
Concen: 20.585 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



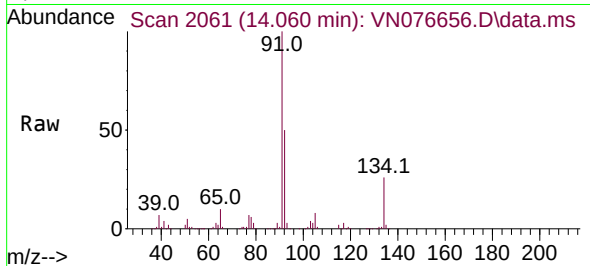
Tgt Ion:146 Resp: 169318
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.1
148 62.9 32.7 98.1





#89
n-Butylbenzene
Concen: 21.879 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

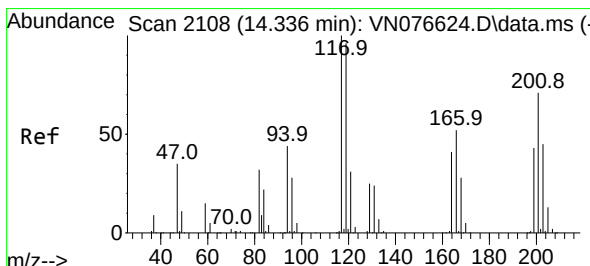
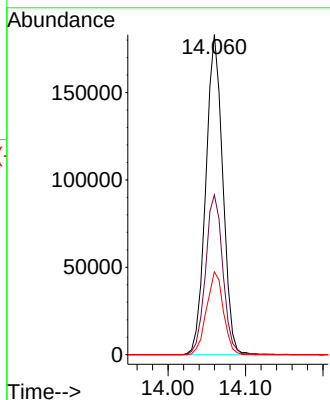
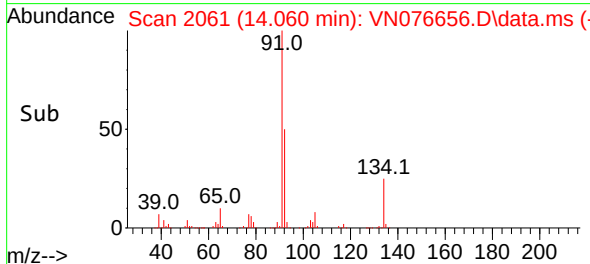
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion: 91 Resp: 277780
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.7 13.2 39.5

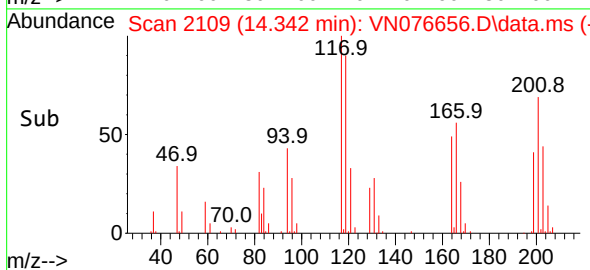
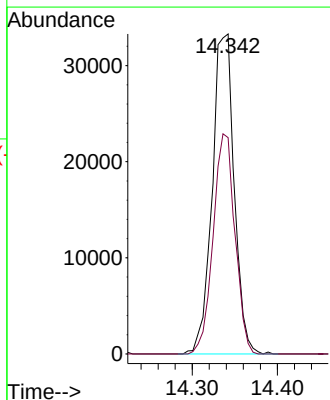
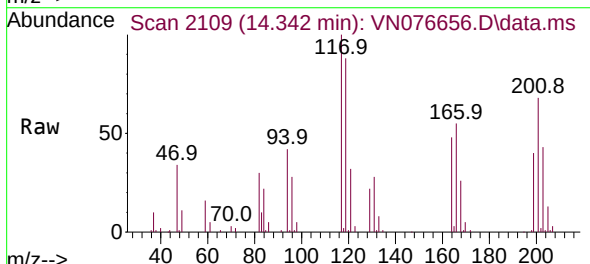
Manual Integrations
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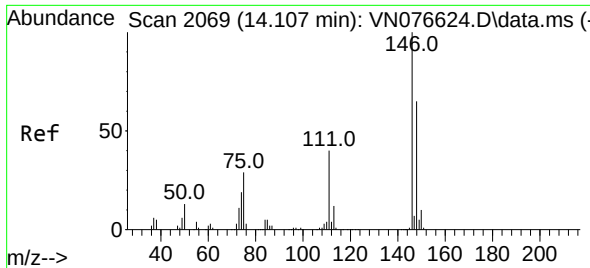
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#90
Hexachloroethane
Concen: 19.572 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Tgt Ion:117 Resp: 59820
Ion Ratio Lower Upper
117 100
201 68.1 35.5 106.7





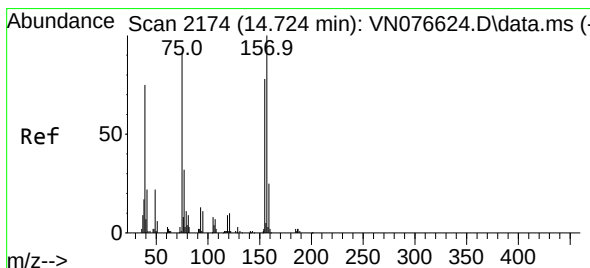
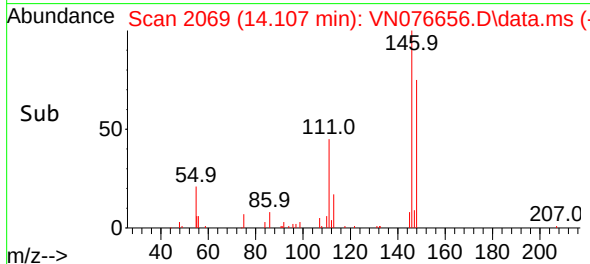
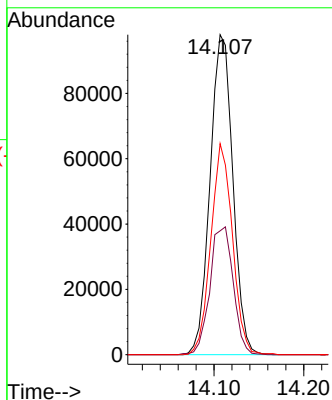
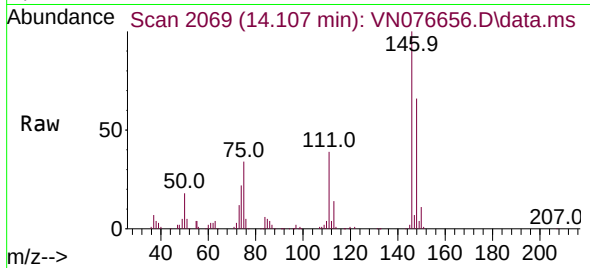
#91
1,2-Dichlorobenzene
Concen: 20.383 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01

Tgt Ion:146 Resp: 172598
Ion Ratio Lower Upper
146 100
111 41.0 20.0 59.9
148 62.8 32.4 97.2

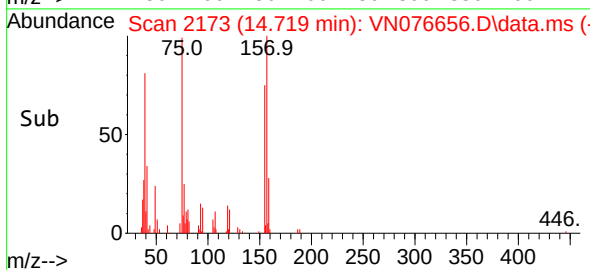
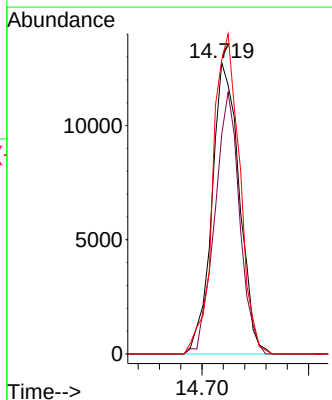
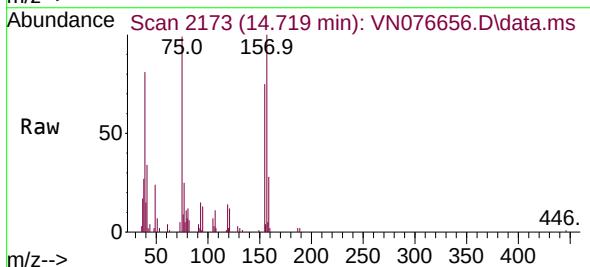
Manual Integrations
APPROVED

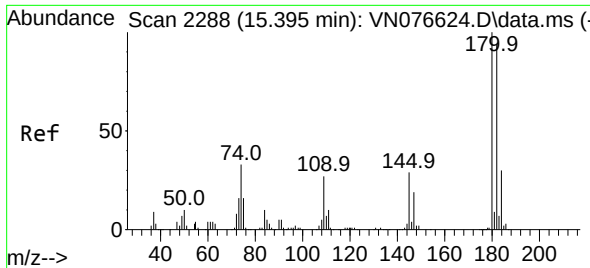
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.480 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

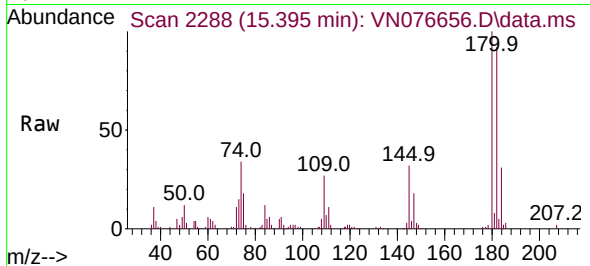
Tgt Ion: 75 Resp: 22697
Ion Ratio Lower Upper
75 100
155 81.7 43.4 130.2
157 106.5 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 20.406 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

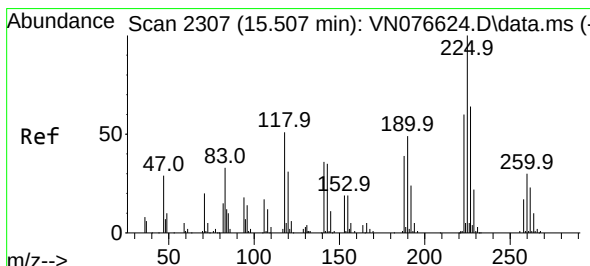
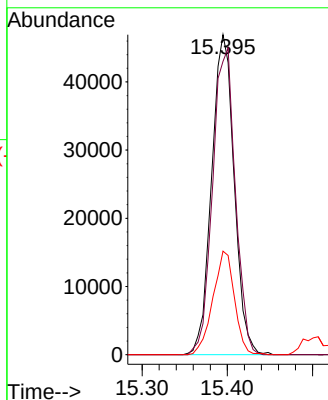
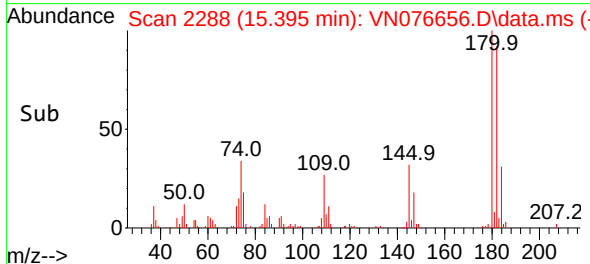
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



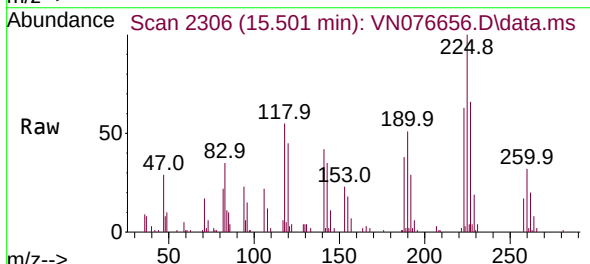
Tgt Ion:180 Resp: 8619
Ion Ratio Lower Upper
180 100
182 96.6 48.0 144.0
145 31.0 15.2 45.6

Manual Integrations
APPROVED

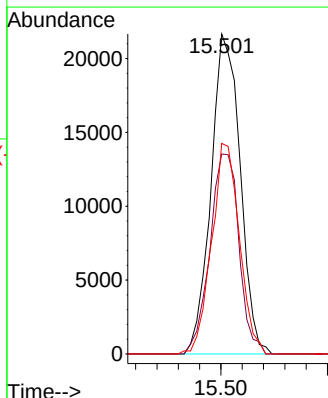
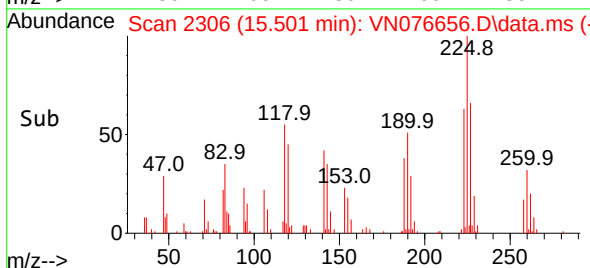
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

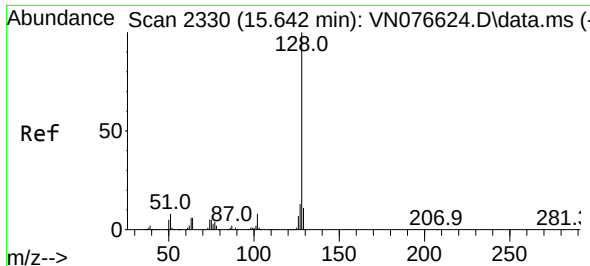


#94
Hexachlorobutadiene
Concen: 19.830 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53



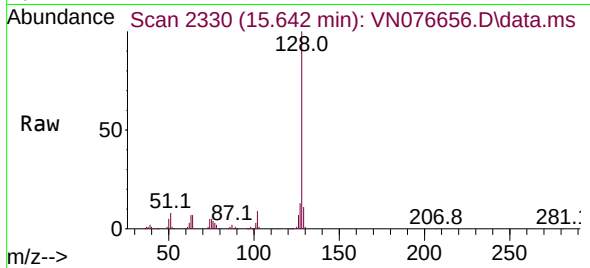
Tgt Ion:225 Resp: 41052
Ion Ratio Lower Upper
225 100
223 62.4 31.6 95.0
227 62.8 31.3 93.9





#95
Naphthalene
Concen: 21.824 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

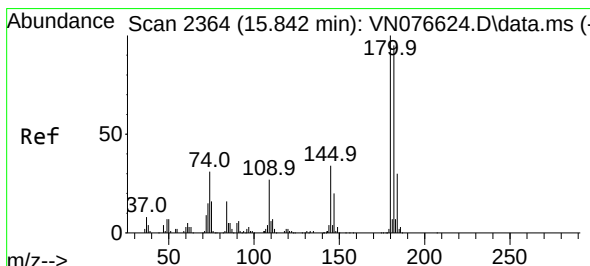
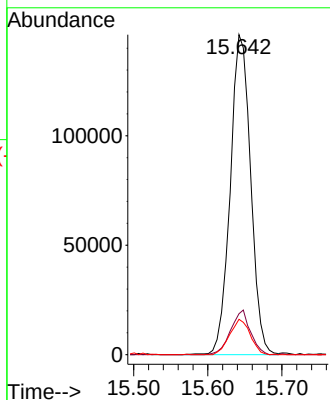
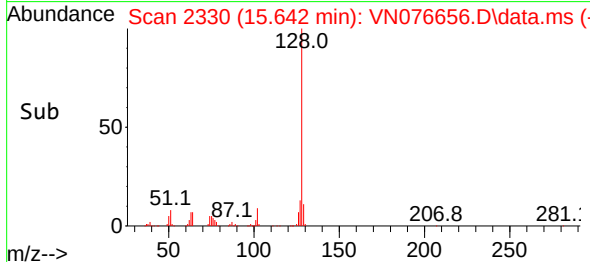
Instrument :
MSVOA_N
ClientSampleId :
VN0214WBSD01



Tgt Ion:128 Resp: 279733
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.1 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 21.017 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN076656.D
Acq: 14 Feb 2023 12:53

Tgt Ion:180 Resp: 86006
Ion Ratio Lower Upper
180 100
182 94.8 46.7 140.1
145 34.2 16.0 47.9

