

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076703.D
 Acq On : 16 Feb 2023 11:41
 Operator : JC\MD
 Sample : VN0216WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBS01

Quant Time: Feb 17 00:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2023
 Supervised By : Mahesh Dadoda 02/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	293027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	521499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	472699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	222484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	221259	54.682	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.360%			
35) Dibromofluoromethane	8.178	113	176839	51.780	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	10.572	98	690512	54.140	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.280%			
62) 4-Bromofluorobenzene	12.848	95	226715	53.670	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	61219	19.675	ug/l	99
3) Chloromethane	2.378	50	72656	17.898	ug/l	99
4) Vinyl Chloride	2.525	62	77033	19.281	ug/l	95
5) Bromomethane	2.966	94	51361	21.217	ug/l	93
6) Chloroethane	3.125	64	54934	21.757	ug/l	98
7) Trichlorofluoromethane	3.507	101	100089	18.412	ug/l	98
8) Diethyl Ether	3.972	74	38898	18.570	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.390	101	58450	18.299	ug/l	97
10) Methyl Iodide	4.602	142	67257	17.051	ug/l	99
11) Tert butyl alcohol	5.531	59	58722	109.947	ug/l	99
12) 1,1-Dichloroethene	4.354	96	53057	17.542	ug/l #	72
13) Acrolein	4.196	56	79470	99.109	ug/l	99
14) Allyl chloride	5.037	41	105853	20.198	ug/l	93
15) Acrylonitrile	5.725	53	195829	103.314	ug/l	98
16) Acetone	4.443	43	179040	99.058	ug/l	94
17) Carbon Disulfide	4.719	76	139000	17.406	ug/l	97
18) Methyl Acetate	5.037	43	122671	20.793	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	199676	19.581	ug/l	99
20) Methylene Chloride	5.290	84	68843	18.174	ug/l	91
21) trans-1,2-Dichloroethene	5.801	96	60583	17.794	ug/l	93
22) Diisopropyl ether	6.678	45	246890	20.086	ug/l	95
23) Vinyl Acetate	6.619	43	805456	110.751	ug/l	99
24) 1,1-Dichloroethane	6.578	63	127662	18.950	ug/l	97
25) 2-Butanone	7.490	43	275177	103.214	ug/l	98
26) 2,2-Dichloropropane	7.495	77	93846	19.314	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	73102	18.103	ug/l	91
28) Bromochloromethane	7.825	49	65448	20.413	ug/l #	91
29) Tetrahydrofuran	7.842	42	187738	107.778	ug/l	98
30) Chloroform	7.972	83	127374	18.924	ug/l	92
31) Cyclohexane	8.266	56	127196	20.040	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	104590	18.481	ug/l	96
36) 1,1-Dichloropropene	8.372	75	92767	18.800	ug/l	99
37) Ethyl Acetate	7.572	43	113226	21.809	ug/l	98
38) Carbon Tetrachloride	8.366	117	89588	17.998	ug/l	97
39) Methylcyclohexane	9.607	83	107354	19.140	ug/l	98
40) Benzene	8.613	78	292973	19.334	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	59698	19.849	ug/l	93
42) 1,2-Dichloroethane	8.678	62	102336	19.364	ug/l	100
43) Isopropyl Acetate	8.695	43	176295	20.868	ug/l	97
44) Trichloroethene	9.360	130	63846	17.830	ug/l	90
45) 1,2-Dichloropropane	9.625	63	75646	18.858	ug/l	100
46) Dibromomethane	9.713	93	51194	19.963	ug/l	92
47) Bromodichloromethane	9.889	83	97819	19.025	ug/l #	98
48) Methyl methacrylate	9.684	41	84239	21.014	ug/l	97
49) 1,4-Dioxane	9.695	88	28332	408.568	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	589068	109.593	ug/l	98
52) Toluene	10.636	92	186268	20.360	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	97972	19.742	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	112662	19.682	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	74087	19.915	ug/l	95
56) Ethyl methacrylate	10.878	69	106485	20.336	ug/l	94
57) 1,3-Dichloropropane	11.166	76	125090	19.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	225578	94.064	ug/l	97
59) 2-Hexanone	11.201	43	431761	111.406	ug/l	100
60) Dibromochloromethane	11.366	129	72134	18.398	ug/l	98
61) 1,2-Dibromoethane	11.472	107	69623	18.698	ug/l	100
64) Tetrachloroethene	11.107	164	54764	18.384	ug/l	96
65) Chlorobenzene	11.895	112	189259	18.892	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	68801	18.908	ug/l	96
67) Ethyl Benzene	11.966	91	342312	20.057	ug/l	98
68) m/p-Xylenes	12.072	106	265933	40.424	ug/l	94
69) o-Xylene	12.401	106	132171	20.600	ug/l	98
70) Styrene	12.413	104	216733	20.890	ug/l	99
71) Bromoform	12.583	173	50795	19.031	ug/l #	95
73) Isopropylbenzene	12.695	105	338823	20.777	ug/l	98
74) N-amyl acetate	12.495	43	148177	20.159	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.936	83	115664	19.595	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	87107m	19.366	ug/l	
77) Bromobenzene	12.983	156	75637	18.590	ug/l	91
78) n-propylbenzene	13.036	91	401764	20.981	ug/l	97
79) 2-Chlorotoluene	13.130	91	239876	20.459	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	285204	21.162	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	31971	20.702	ug/l	96
82) 4-Chlorotoluene	13.130	91	239876	20.459	ug/l	94
83) tert-Butylbenzene	13.442	119	248726	20.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	285087	21.225	ug/l	99
85) sec-Butylbenzene	13.619	105	355379	20.878	ug/l	98
86) p-Isopropyltoluene	13.730	119	283354	20.847	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	144235	18.754	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	149113	19.469	ug/l	97
89) n-Butylbenzene	14.060	91	234613	19.846	ug/l	98
90) Hexachloroethane	14.336	117	53914	18.944	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	150115	19.039	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.719	75	20385	17.825	ug/l	99
93) 1,2,4-Trichlorobenzene	15.401	180	70934	18.036	ug/l	96
94) Hexachlorobutadiene	15.507	225	34896	18.103	ug/l	99
95) Naphthalene	15.642	128	231786	19.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	67832	17.802	ug/l	95

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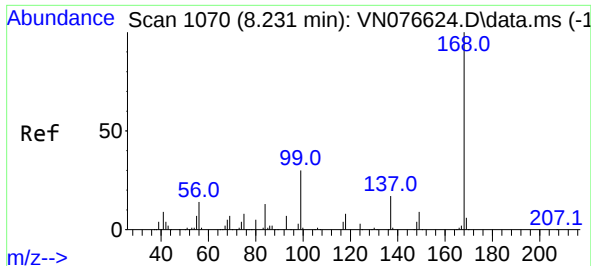
Manual Integrations
APPROVED

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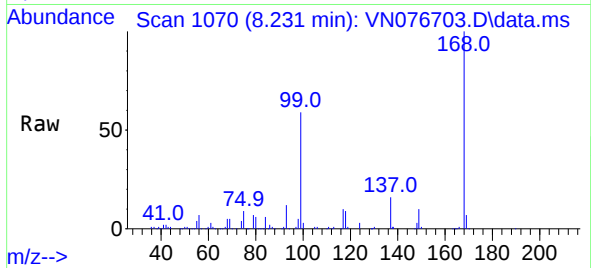
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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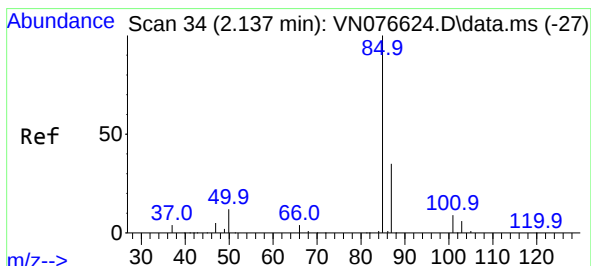
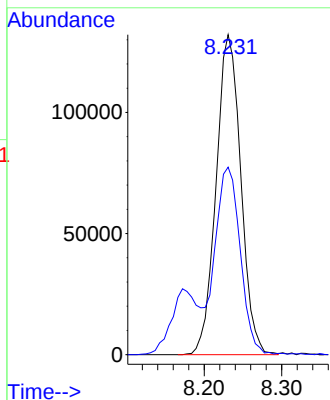
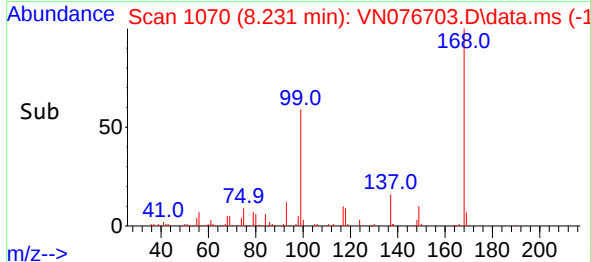
Instrument :
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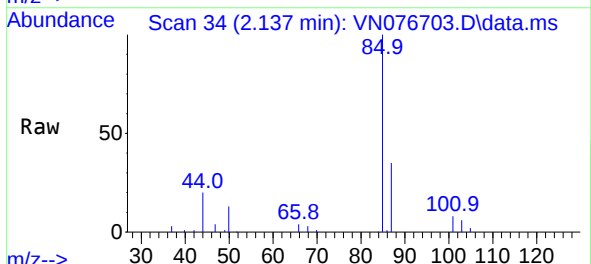
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Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2

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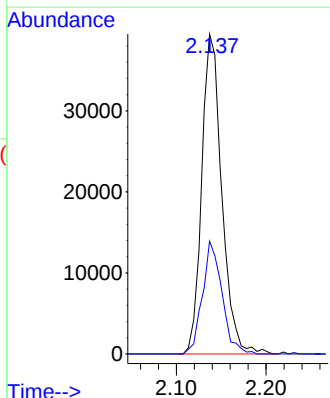
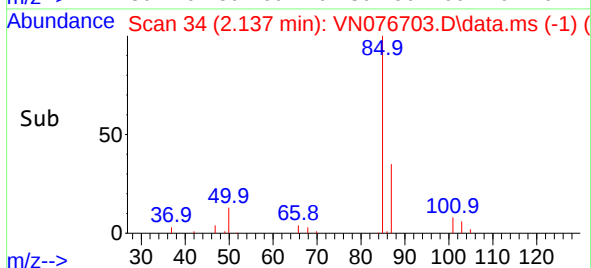
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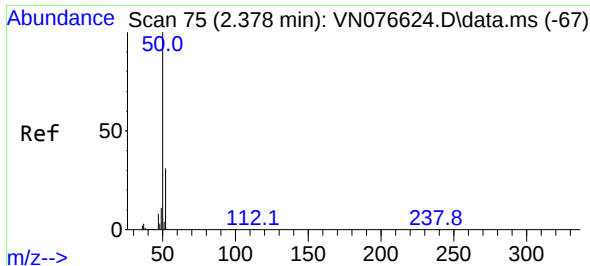


#2
Dichlorodifluoromethane
Concen: 19.675 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



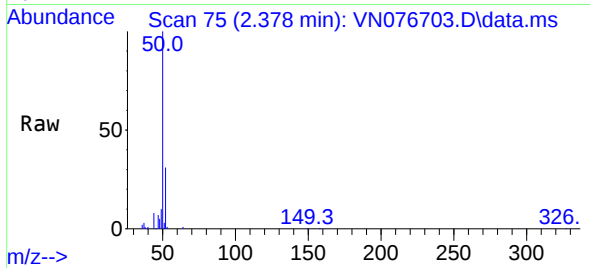
Tgt Ion: 85 Resp: 61219
Ion Ratio Lower Upper
85 100
87 35.3 17.4 52.2





#3
Chloromethane
Concen: 17.898 ug/l
RT: 2.378 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

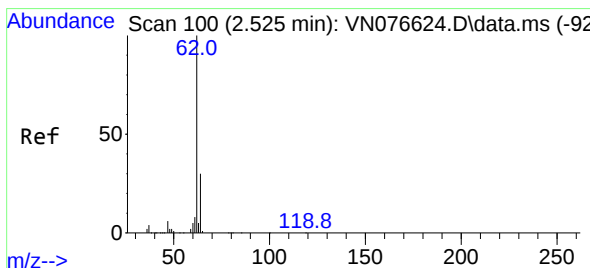
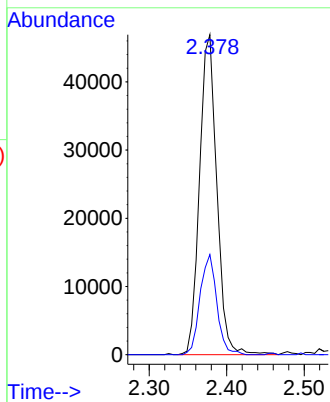
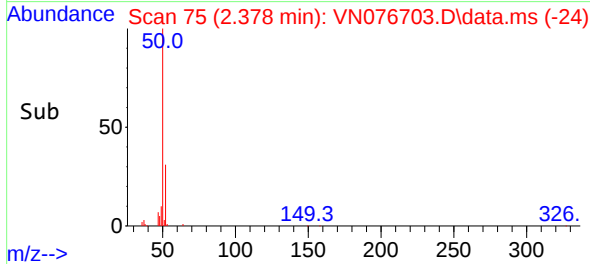
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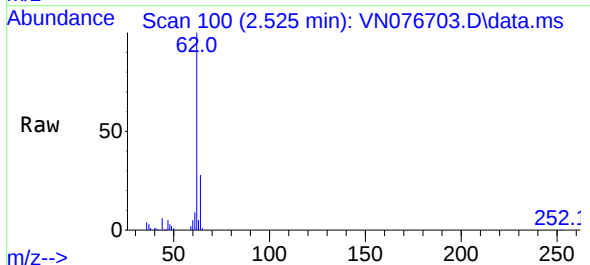
Tgt Ion: 50 Resp: 72650
Ion Ratio Lower Upper
50 100
52 31.3 24.7 37.1

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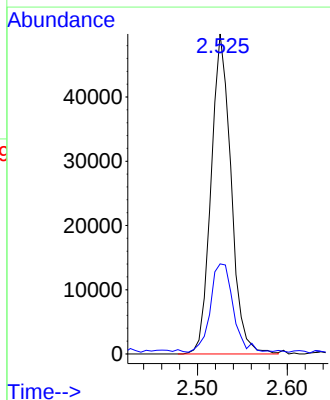
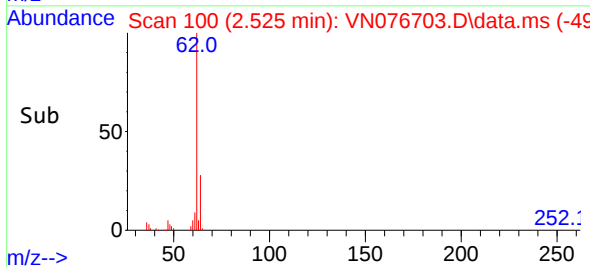
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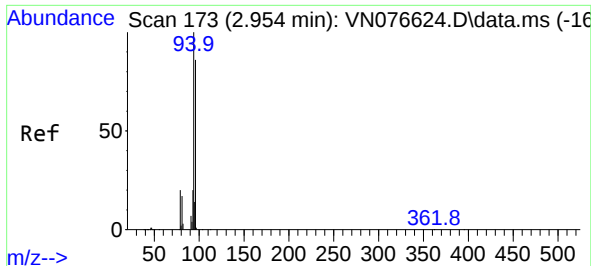


#4
Vinyl Chloride
Concen: 19.281 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



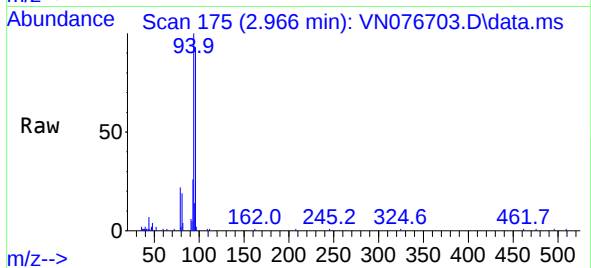
Tgt Ion: 62 Resp: 77033
Ion Ratio Lower Upper
62 100
64 27.0 23.9 35.9





#5
Bromomethane
Concen: 21.217 ug/l
RT: 2.966 min Scan# 173
Delta R.T. 0.012 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

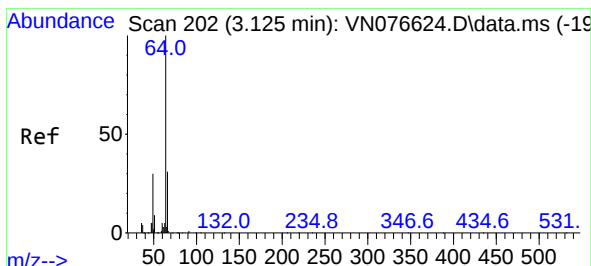
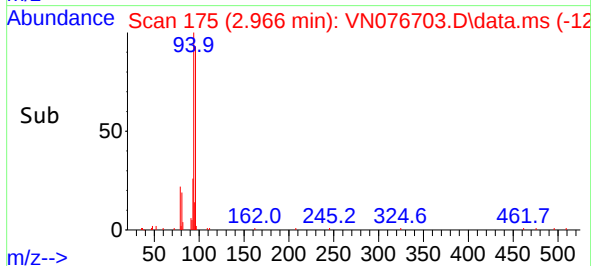
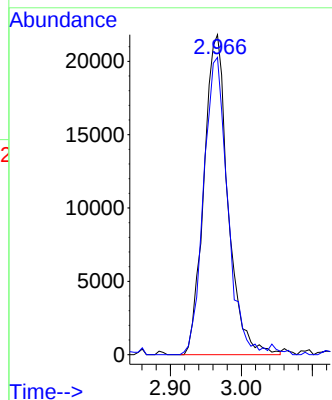
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Tgt Ion: 94 Resp: 5136
Ion Ratio Lower Upper
94 100
96 92.9 69.0 103.4

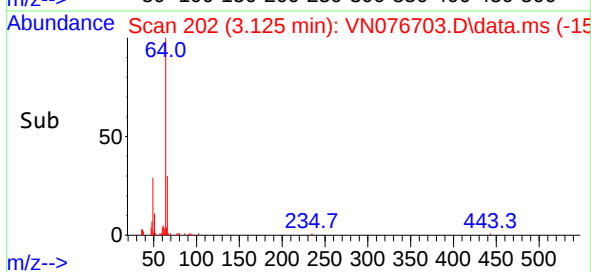
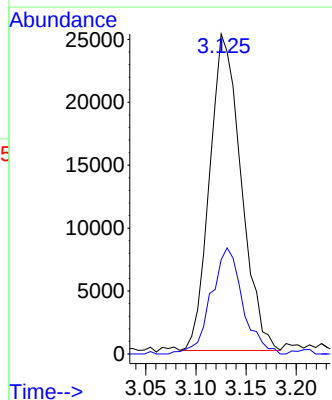
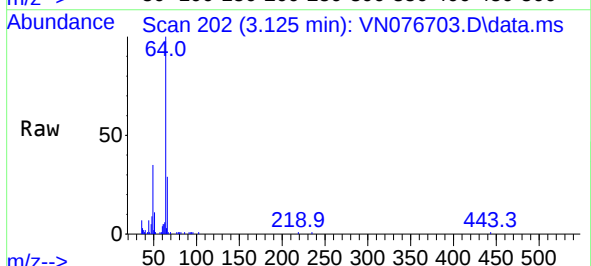
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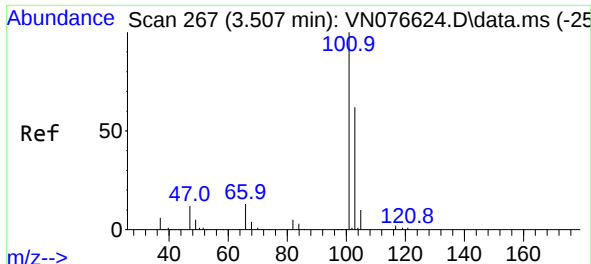
Reviewed By :John Carlone 02/17/2023
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#6
Chloroethane
Concen: 21.757 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076703.D
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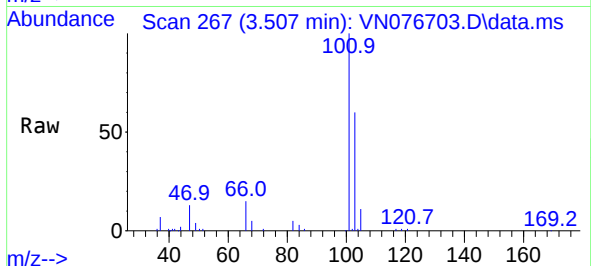
Tgt Ion: 64 Resp: 54934
Ion Ratio Lower Upper
64 100
66 29.8 24.6 37.0





#7
Trichlorofluoromethane
Concen: 18.412 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

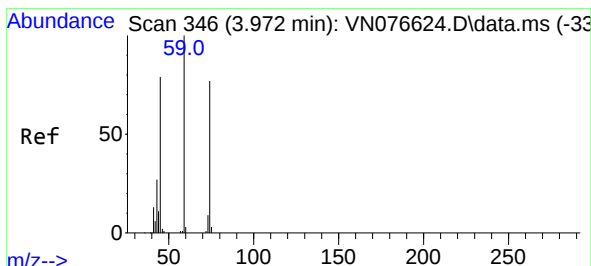
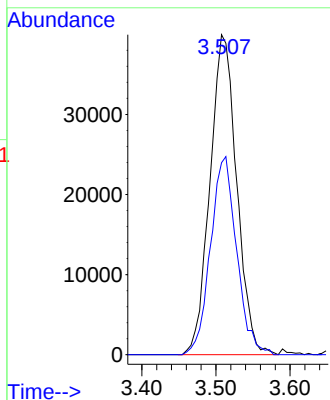
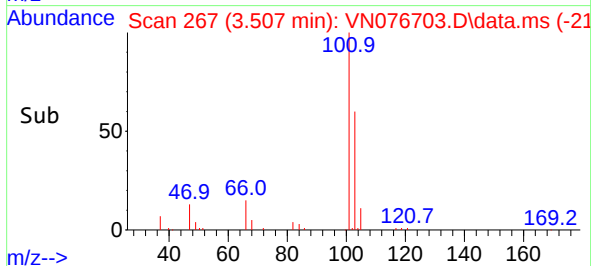
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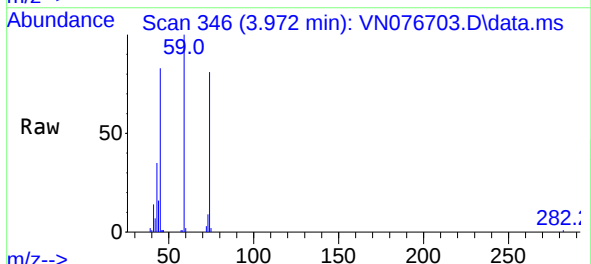
Tgt Ion:101 Resp: 100089
Ion Ratio Lower Upper
101 100
103 60.0 49.4 74.2

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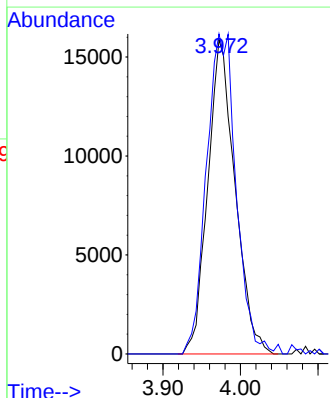
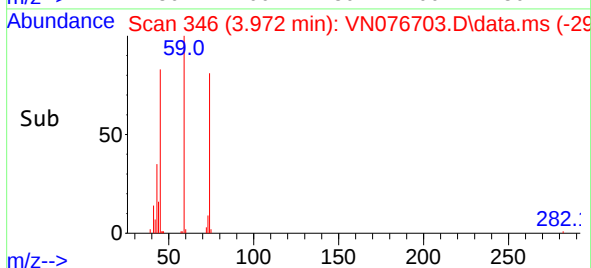
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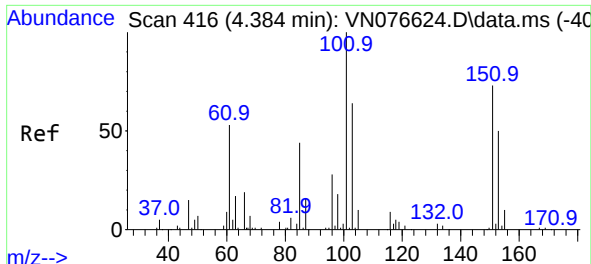


#8
Diethyl Ether
Concen: 18.570 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076703.D
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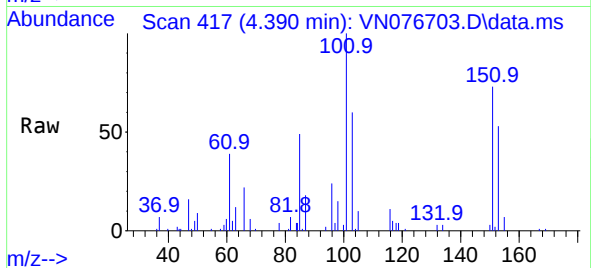
Tgt Ion: 74 Resp: 38898
Ion Ratio Lower Upper
74 100
45 111.1 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.299 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076703.D
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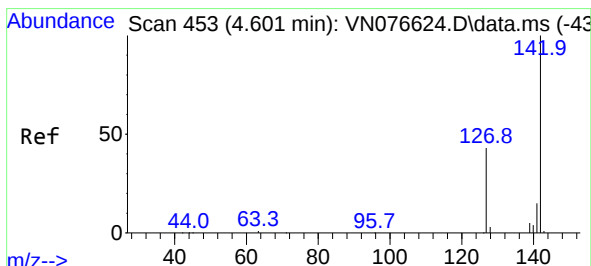
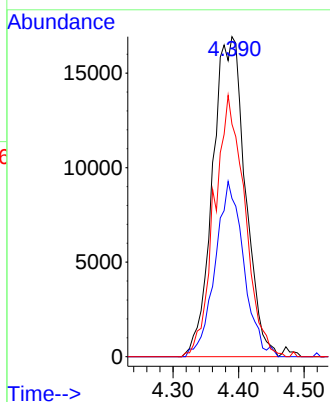
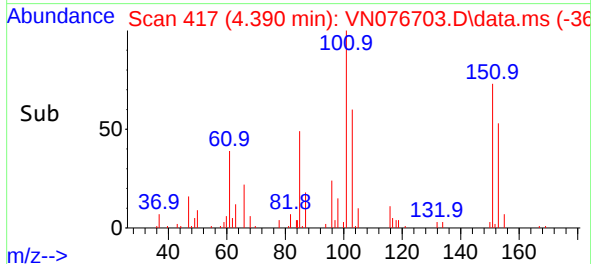
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



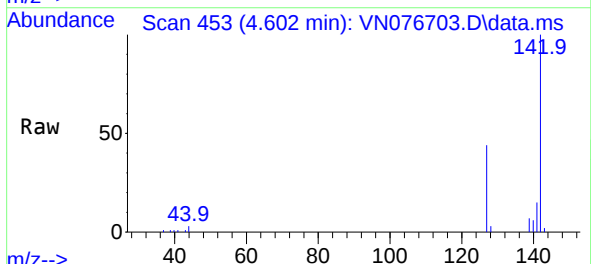
Tgt Ion:101 Resp: 58450
Ion Ratio Lower Upper
101 100
85 48.1 37.4 56.0
151 76.6 58.7 88.1

Manual Integrations
APPROVED

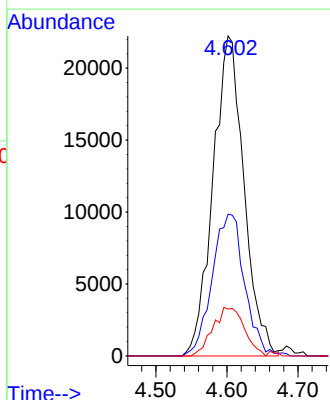
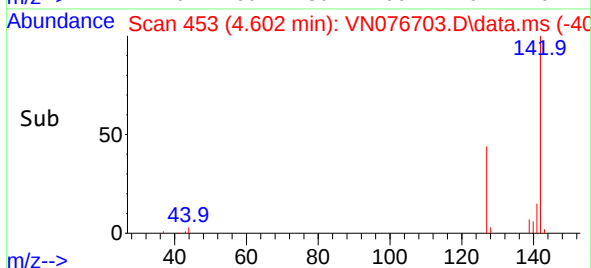
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

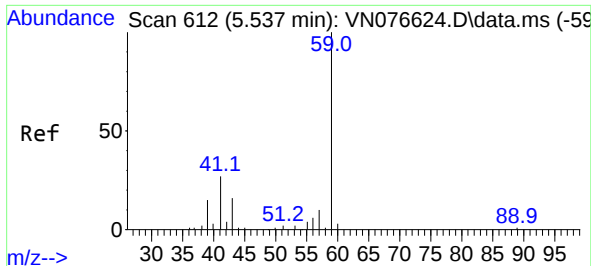


#10
Methyl Iodide
Concen: 17.051 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.001 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



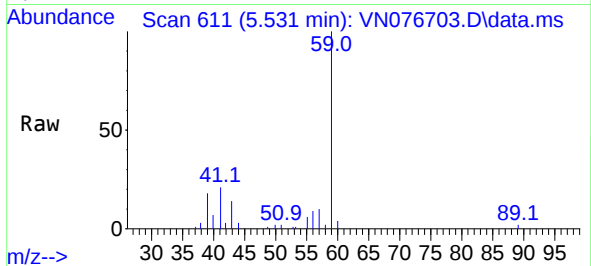
Tgt Ion:142 Resp: 67257
Ion Ratio Lower Upper
142 100
127 44.3 34.6 51.8
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 109.947 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

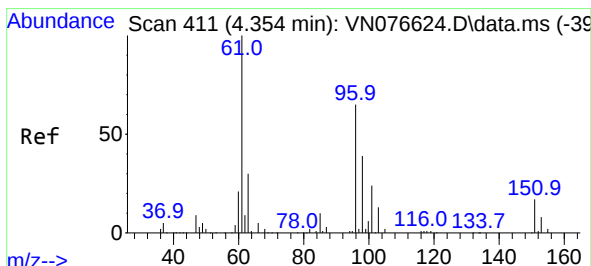
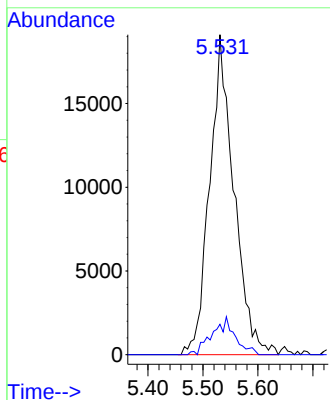
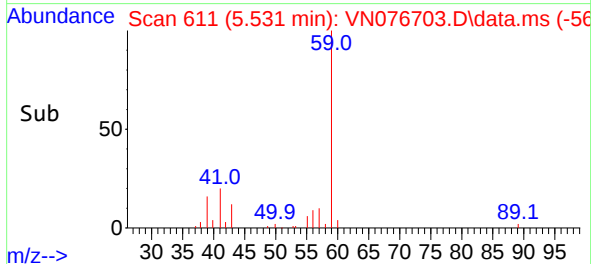
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



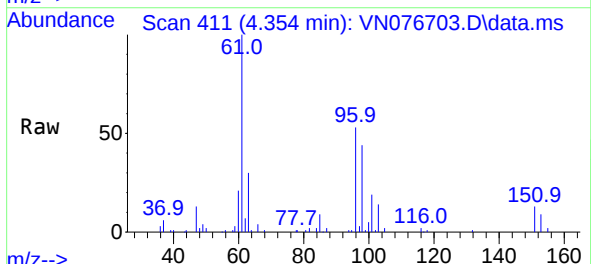
Tgt Ion: 59 Resp: 5872
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1

Manual Integrations
APPROVED

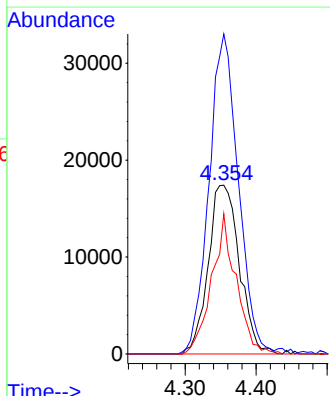
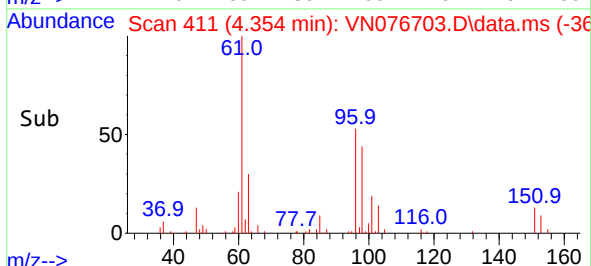
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

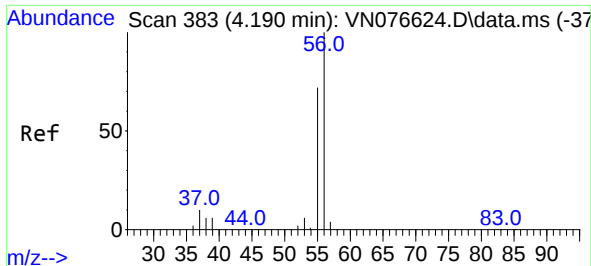


#12
1,1-Dichloroethene
Concen: 17.542 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



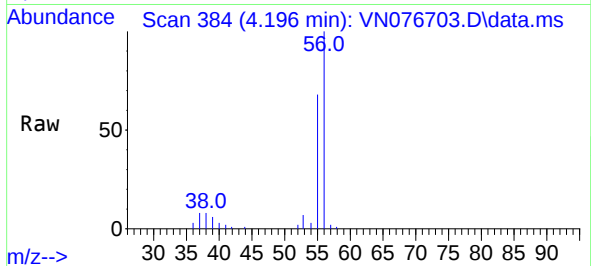
Tgt Ion: 96 Resp: 53057
Ion Ratio Lower Upper
96 100
61 189.6 123.8 185.6#
98 83.0 48.4 72.6#





#13
Acrolein
Concen: 99.109 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

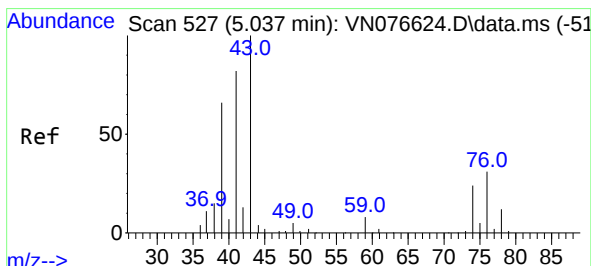
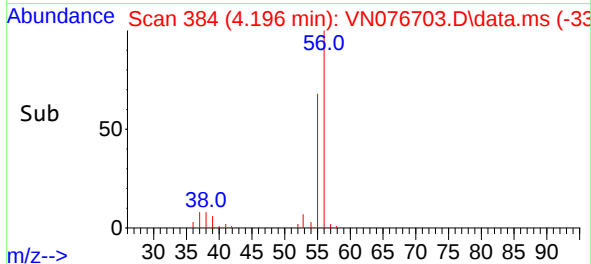
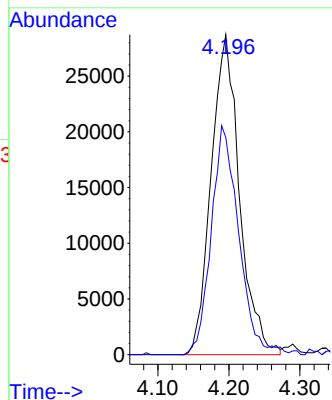
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



Tgt Ion: 56 Resp: 79470
Ion Ratio Lower Upper
56 100
55 69.6 56.3 84.5

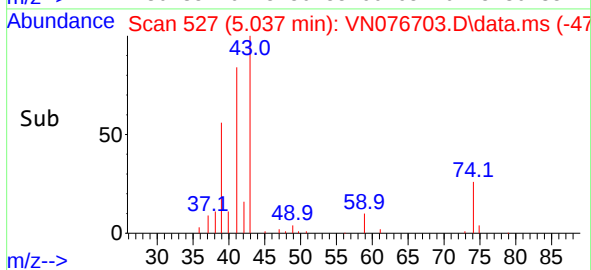
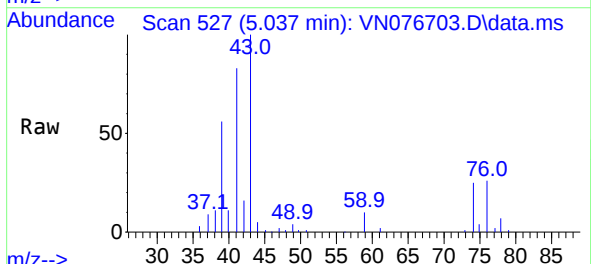
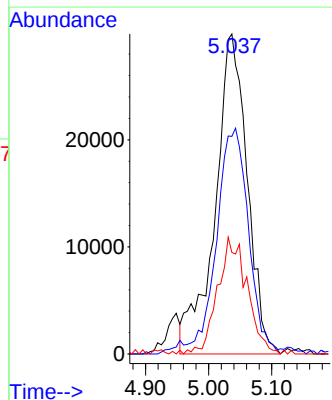
Manual Integrations
APPROVED

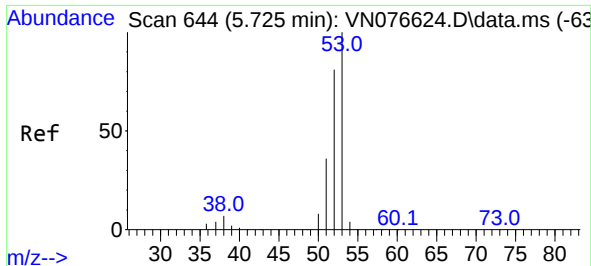
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#14
Allyl chloride
Concen: 20.198 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

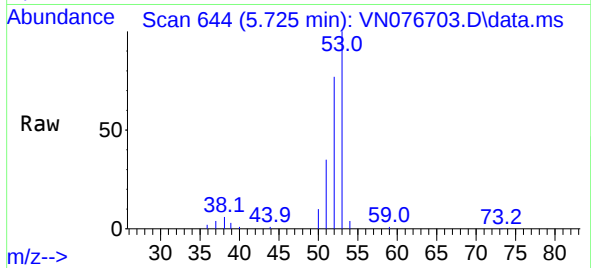
Tgt Ion: 41 Resp: 105853
Ion Ratio Lower Upper
41 100
39 69.5 62.3 93.5
76 33.3 27.0 40.6





#15
Acrylonitrile
Concen: 103.314 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

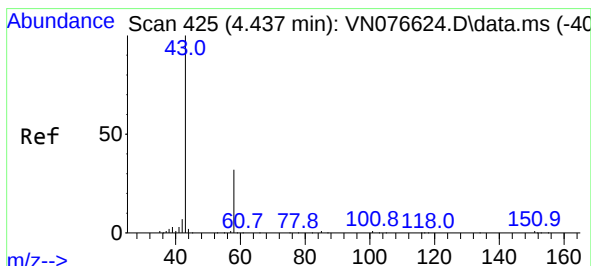
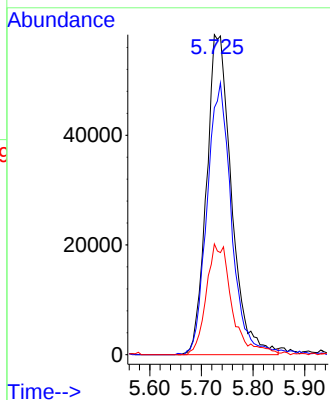
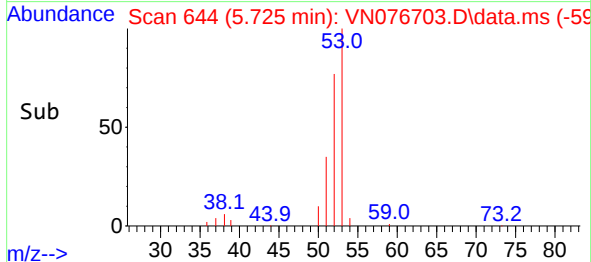
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



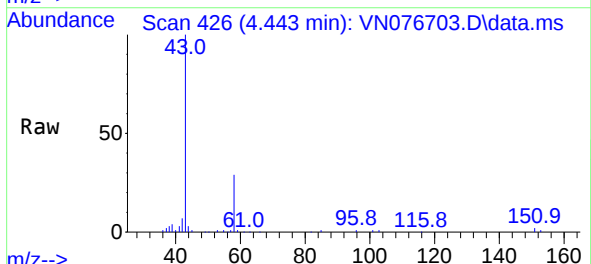
Tgt Ion: 53 Resp: 195829
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 35.4 29.2 43.8

Manual Integrations
APPROVED

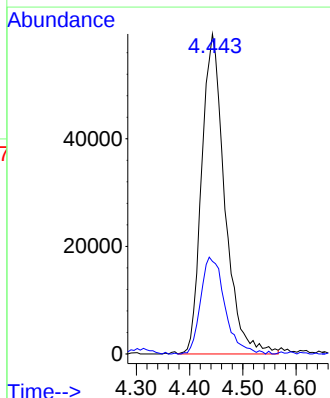
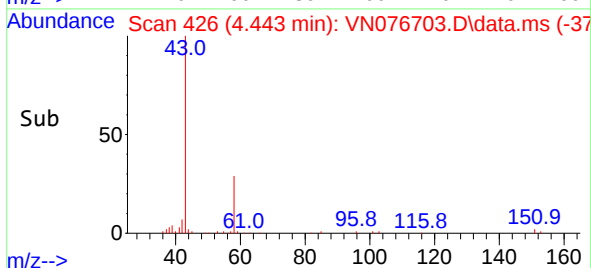
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

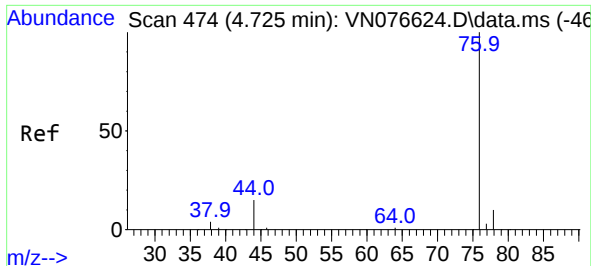


#16
Acetone
Concen: 99.058 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



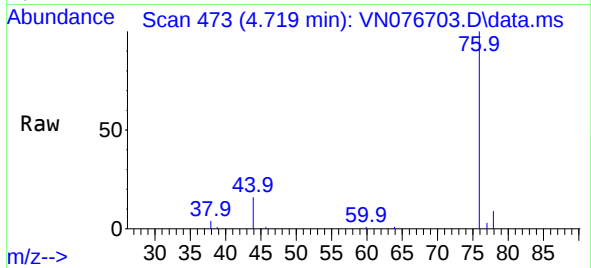
Tgt Ion: 43 Resp: 179040
Ion Ratio Lower Upper
43 100
58 29.2 25.9 38.9





#17
Carbon Disulfide
Concen: 17.406 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

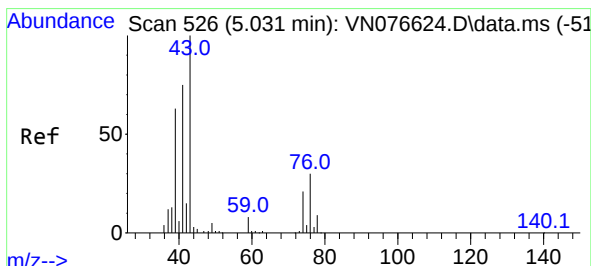
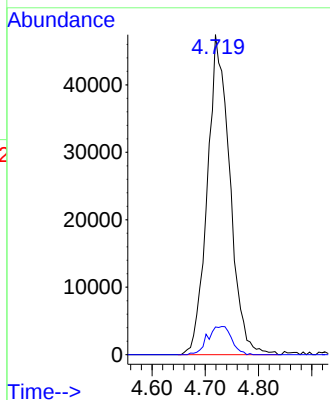
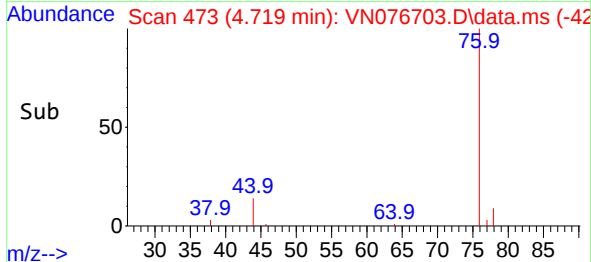
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



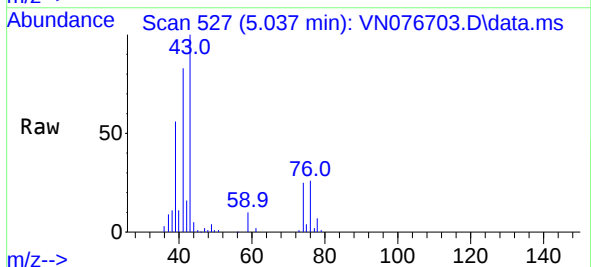
Tgt Ion: 76 Resp: 139000
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

Manual Integrations
APPROVED

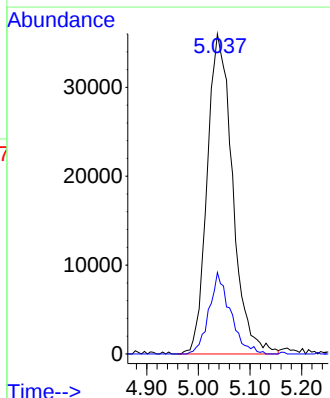
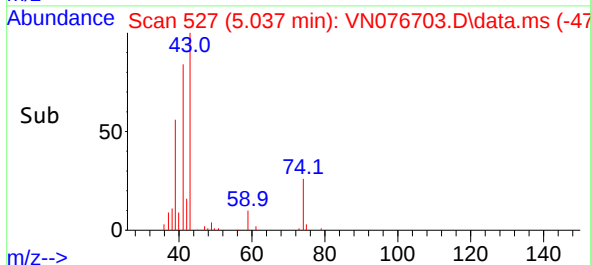
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

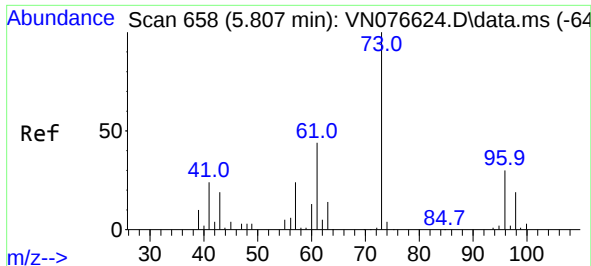


#18
Methyl Acetate
Concen: 20.793 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



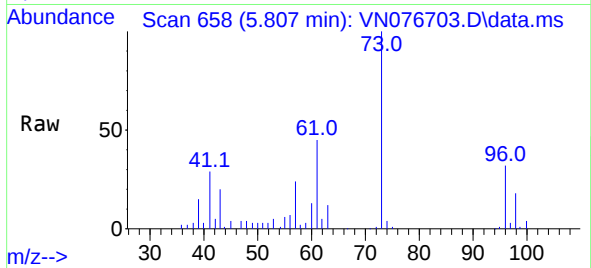
Tgt Ion: 43 Resp: 122671
Ion Ratio Lower Upper
43 100
74 21.5 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 19.581 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

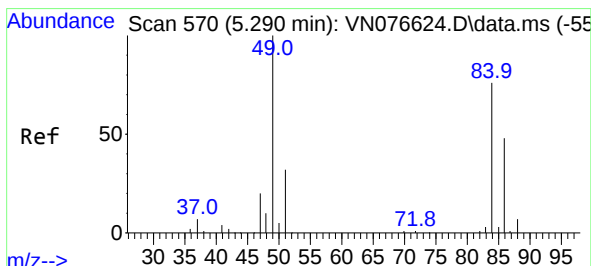
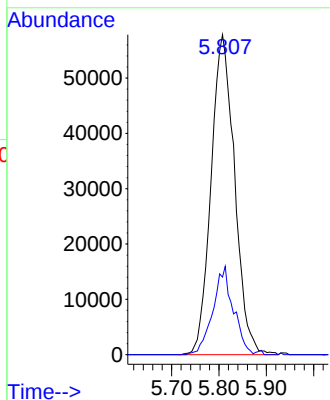
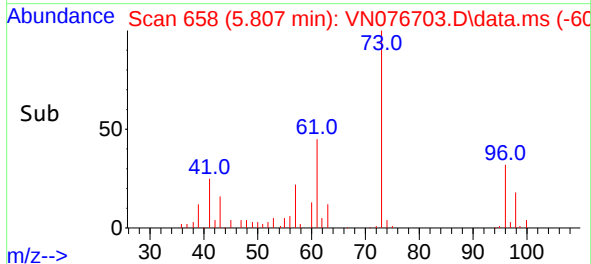
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



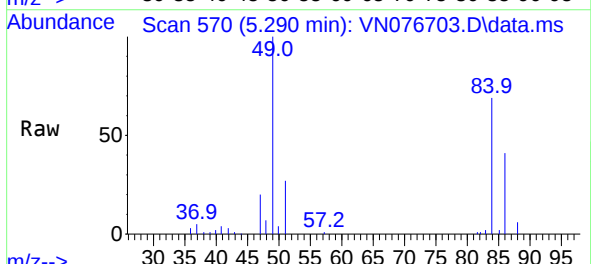
Tgt Ion: 73 Resp: 199670
Ion Ratio Lower Upper
73 100
57 24.3 19.0 28.4

Manual Integrations
APPROVED

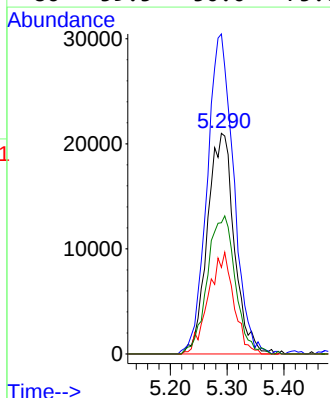
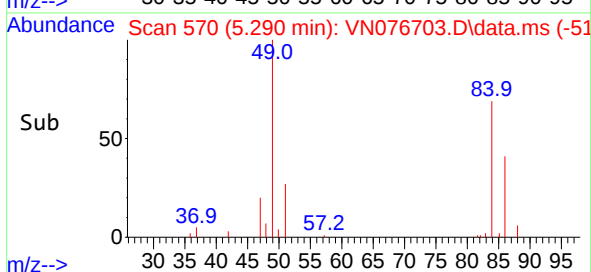
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

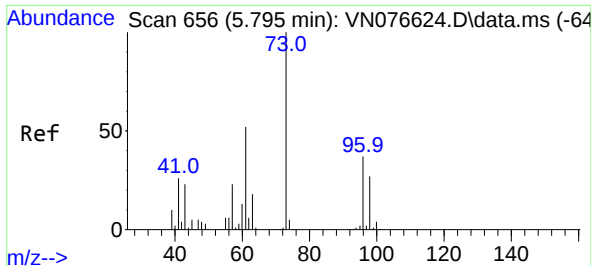


#20
Methylene Chloride
Concen: 18.174 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



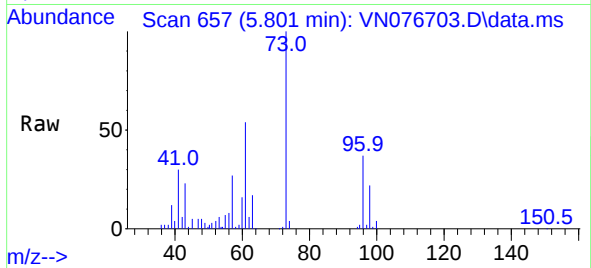
Tgt Ion: 84 Resp: 68843
Ion Ratio Lower Upper
84 100
49 145.0 104.9 157.3
51 39.2 33.8 50.8
86 59.5 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 17.794 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

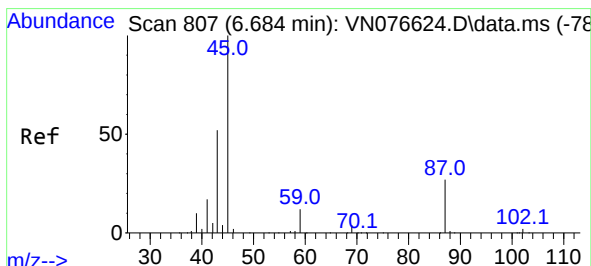
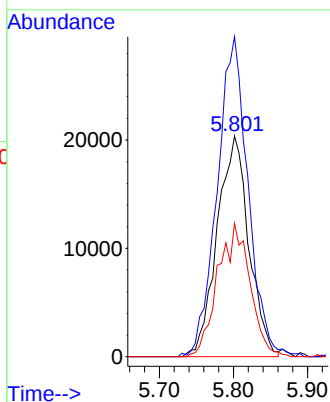
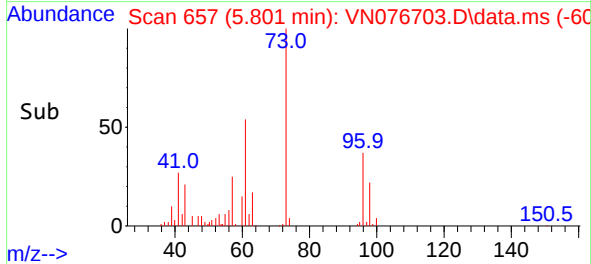
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



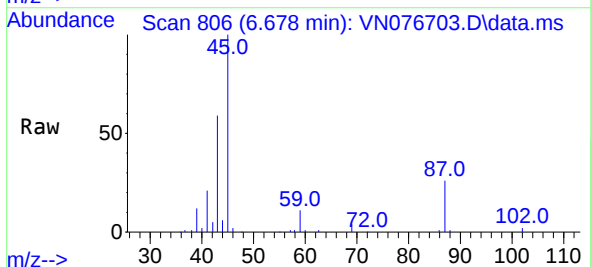
Tgt Ion: 96 Resp: 6058
Ion Ratio Lower Upper
96 100
61 145.1 113.9 170.9
98 60.4 59.4 89.0

Manual Integrations
APPROVED

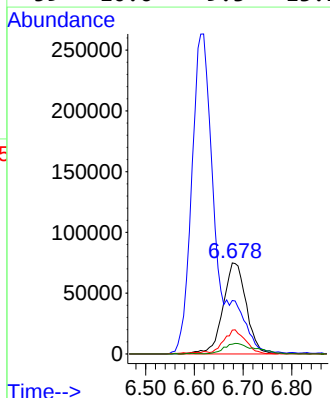
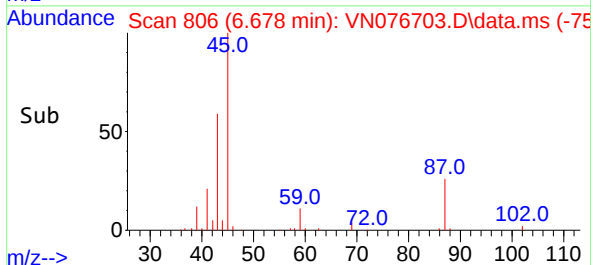
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

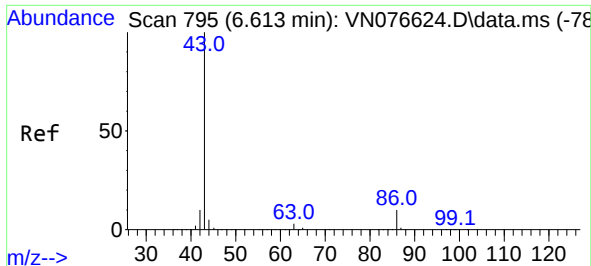


#22
Diisopropyl ether
Concen: 20.086 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



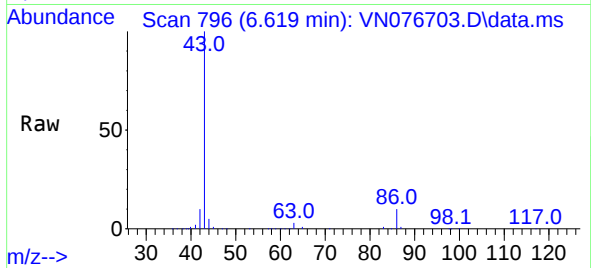
Tgt Ion: 45 Resp: 246890
Ion Ratio Lower Upper
45 100
43 56.5 41.8 62.6
87 25.9 21.8 32.8
59 10.6 9.3 13.9





#23
 Vinyl Acetate
 Concen: 110.751 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076703.D
 Acq: 16 Feb 2023 11:41

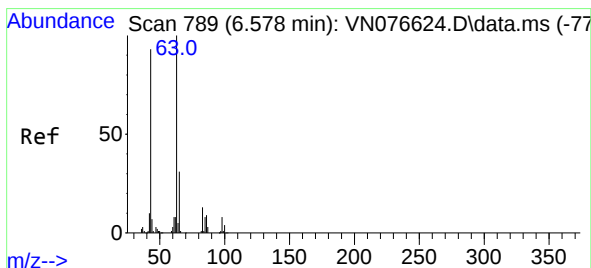
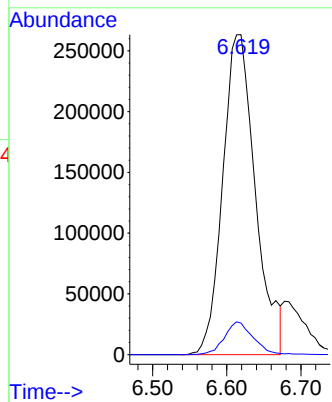
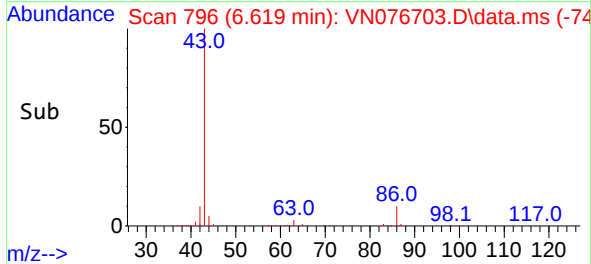
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBS01



Tgt Ion: 43 Resp: 805450
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2

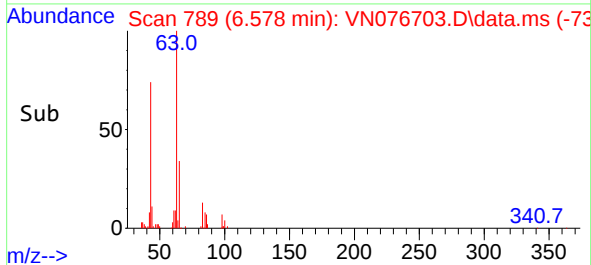
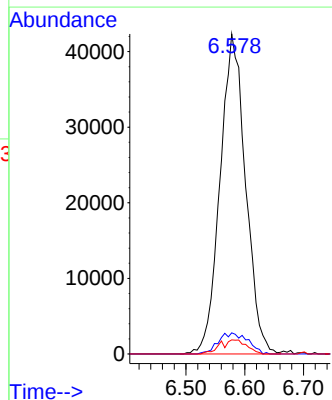
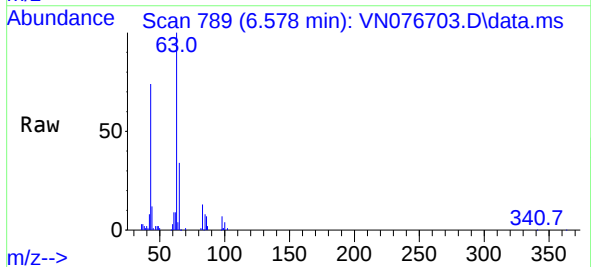
Manual Integrations
 APPROVED

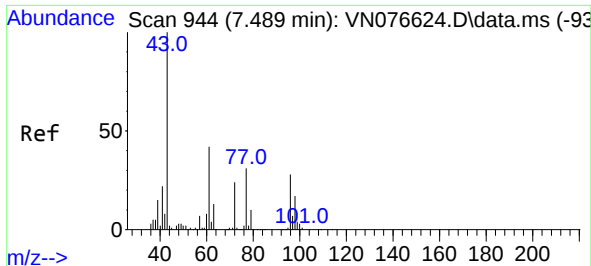
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#24
 1,1-Dichloroethane
 Concen: 18.950 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076703.D
 Acq: 16 Feb 2023 11:41

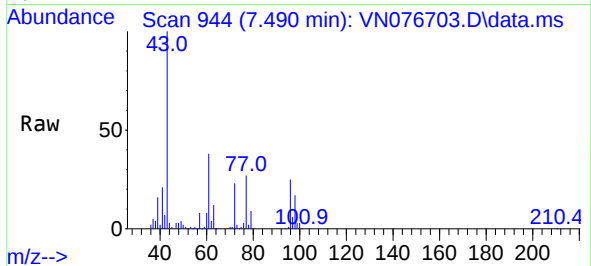
Tgt Ion: 63 Resp: 127662
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.1 12.3
 100 4.4 2.0 5.8





#25
2-Butanone
Concen: 103.214 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

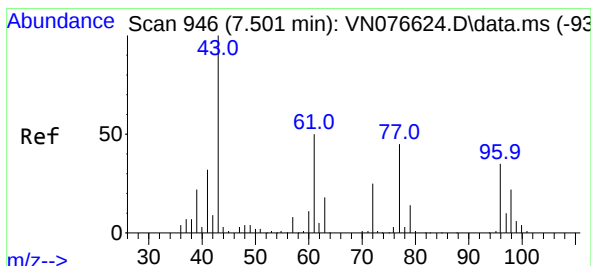
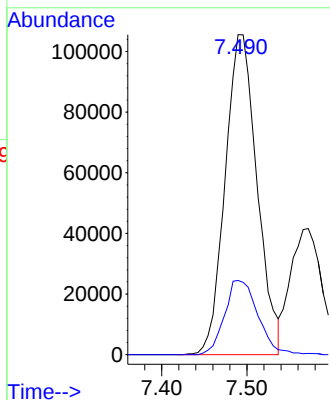
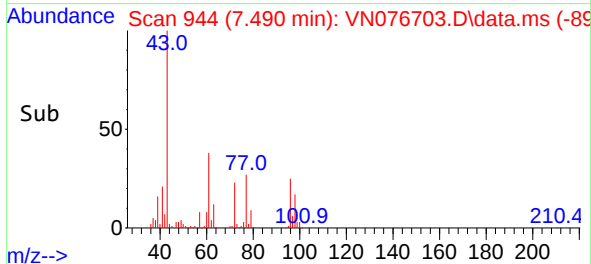
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



Tgt Ion: 43 Resp: 27517
Ion Ratio Lower Upper
43 100
72 23.2 19.4 29.2

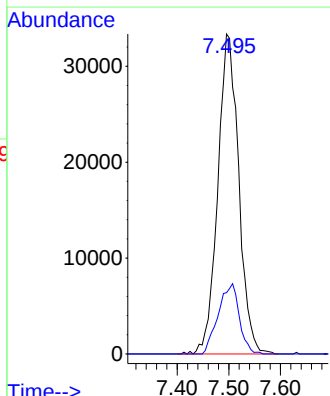
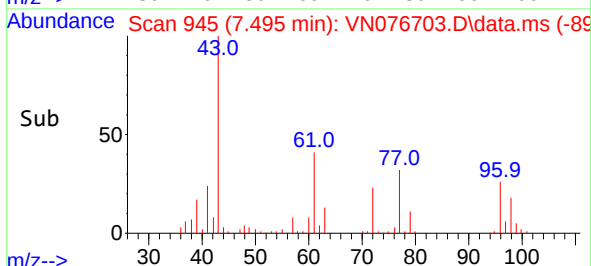
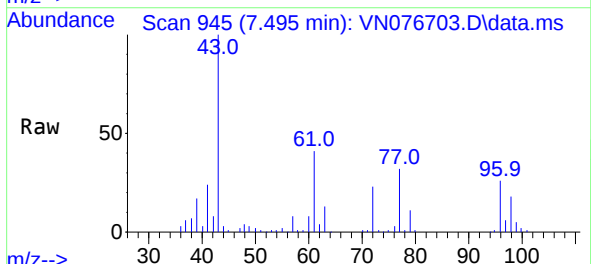
Manual Integrations
APPROVED

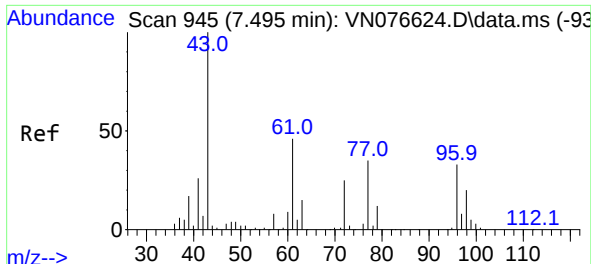
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#26
2,2-Dichloropropane
Concen: 19.314 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

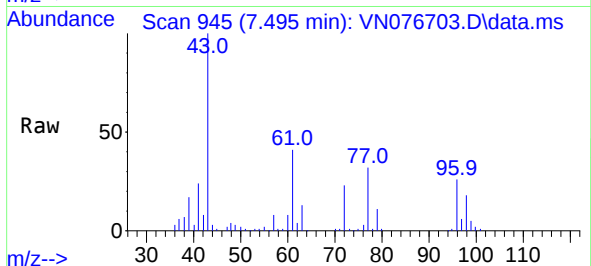
Tgt Ion: 77 Resp: 93846
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.103 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076703.D
 Acq: 16 Feb 2023 11:41

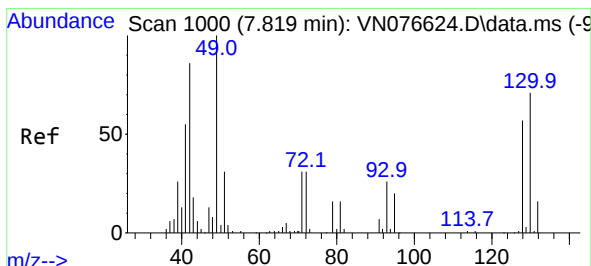
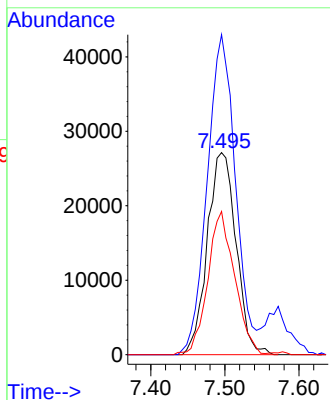
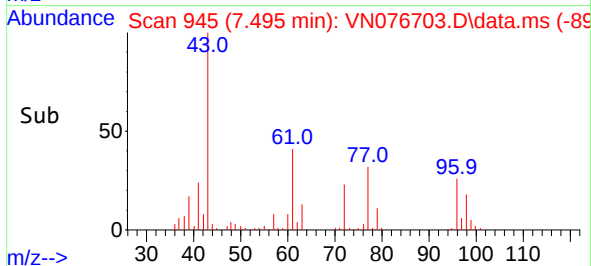
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBS01



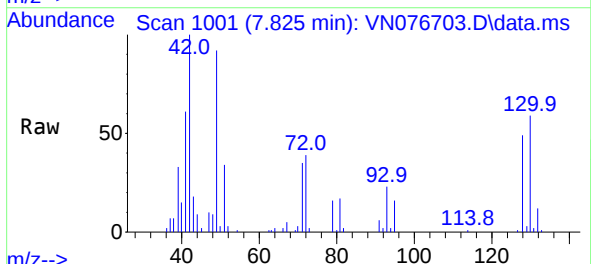
Tgt Ion: 96 Resp: 73102
 Ion Ratio Lower Upper
 96 100
 61 155.4 0.0 286.8
 98 66.4 0.0 124.0

Manual Integrations
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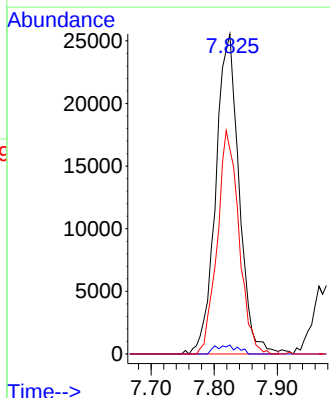
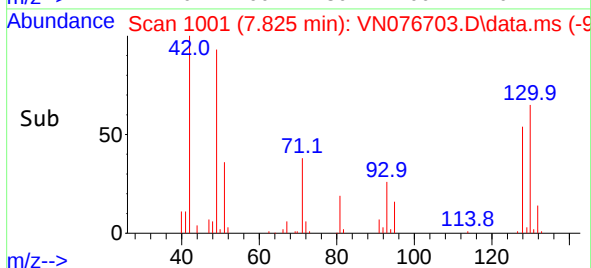
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023

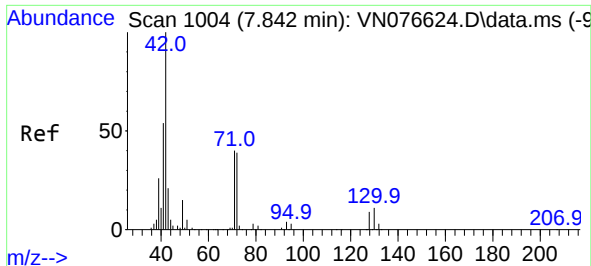


#28
 Bromochloromethane
 Concen: 20.413 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076703.D
 Acq: 16 Feb 2023 11:41



Tgt Ion: 49 Resp: 65448
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 64.9 57.8 86.8





#29

Tetrahydrofuran

Concen: 107.778 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076703.D

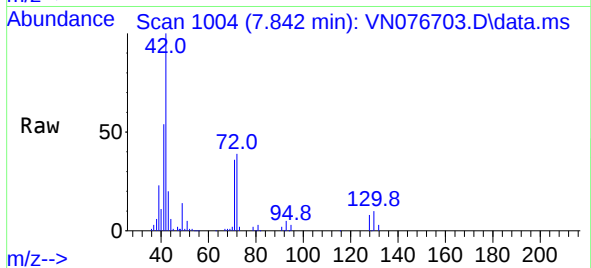
Acq: 16 Feb 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0216WBS01



Tgt Ion: 42 Resp: 187738

Ion Ratio Lower Upper

42 100

72 38.3 31.5 47.3

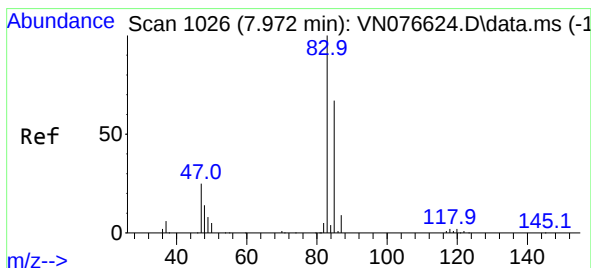
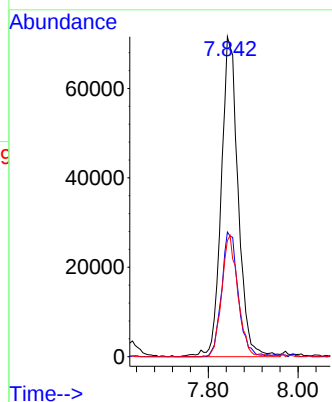
71 35.9 29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#30

Chloroform

Concen: 18.924 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076703.D

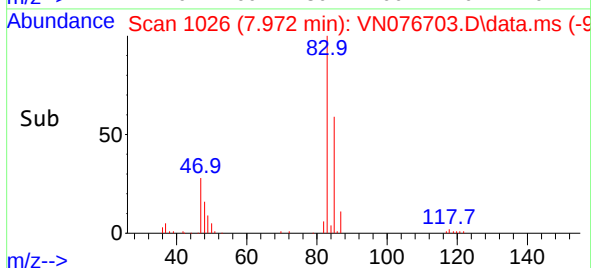
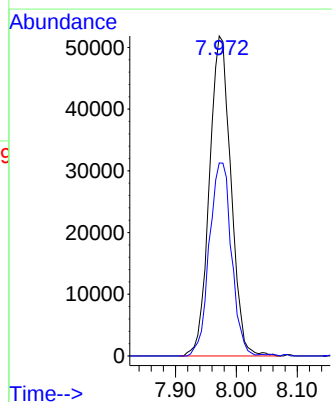
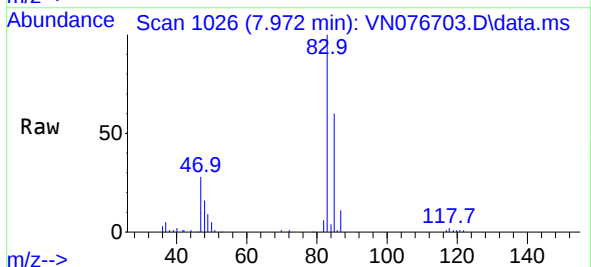
Acq: 16 Feb 2023 11:41

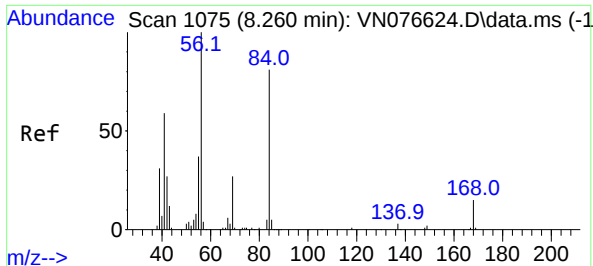
Tgt Ion: 83 Resp: 127374

Ion Ratio Lower Upper

83 100

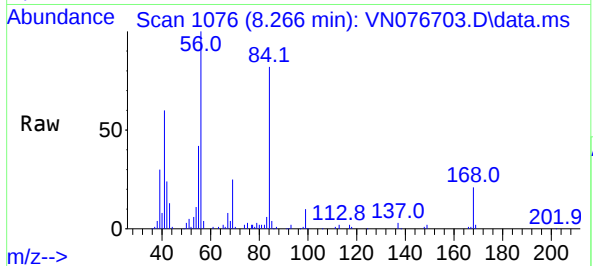
85 60.3 53.5 80.3





#31
Cyclohexane
Concen: 20.040 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

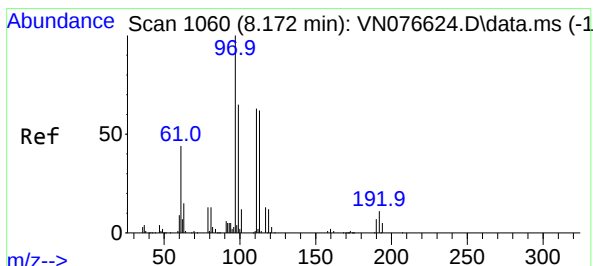
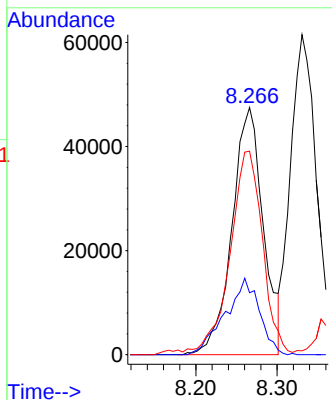
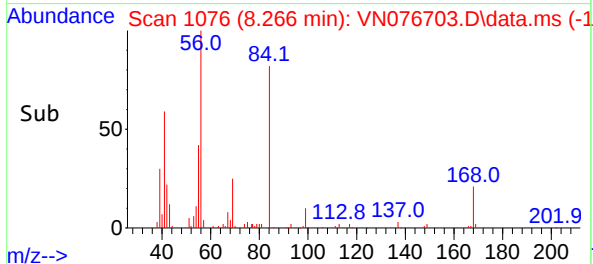
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



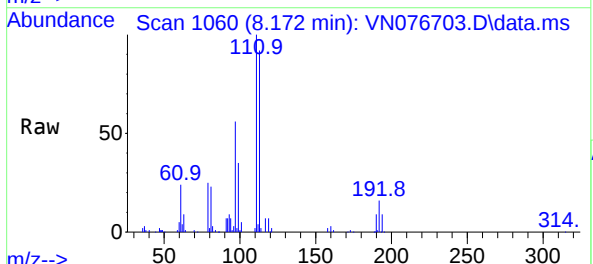
Tgt Ion: 56 Resp: 127190
Ion Ratio Lower Upper
56 100
69 24.4 21.6 32.4
84 80.4 65.1 97.7

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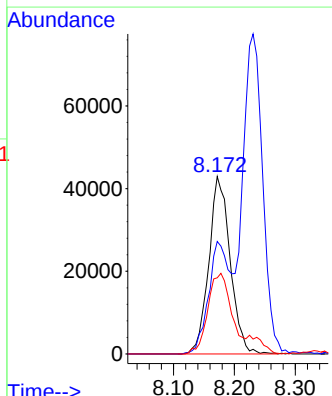
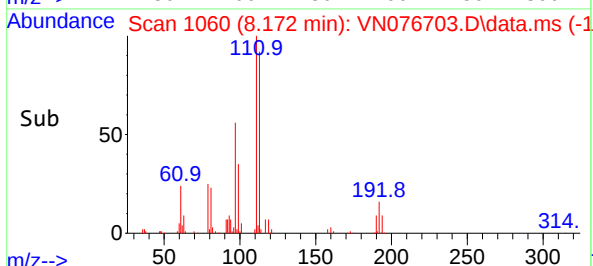
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

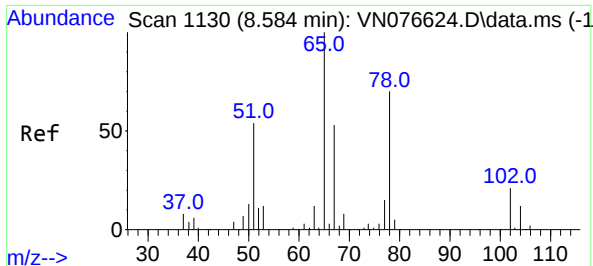


#32
1,1,1-Trichloroethane
Concen: 18.481 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



Tgt Ion: 97 Resp: 104590
Ion Ratio Lower Upper
97 100
99 61.6 51.2 76.8
61 50.9 38.2 57.2





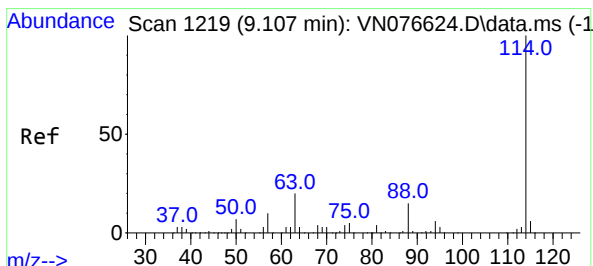
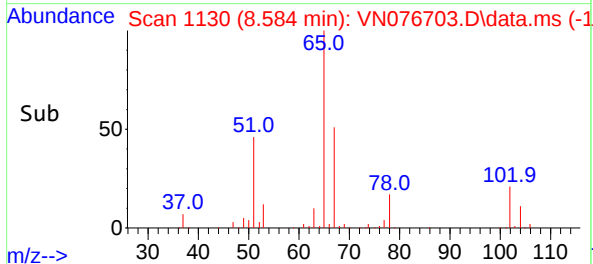
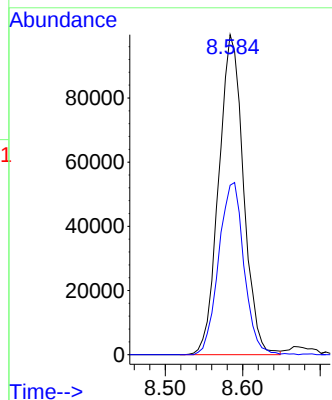
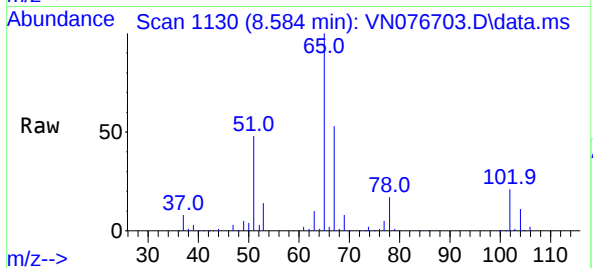
#33
1,2-Dichloroethane-d4
Concen: 54.682 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01

Tgt Ion: 65 Resp: 221259
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.6

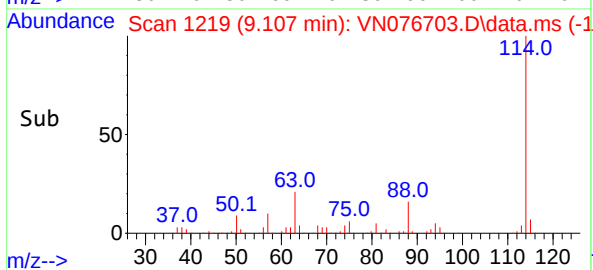
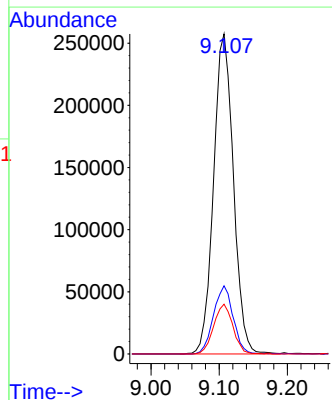
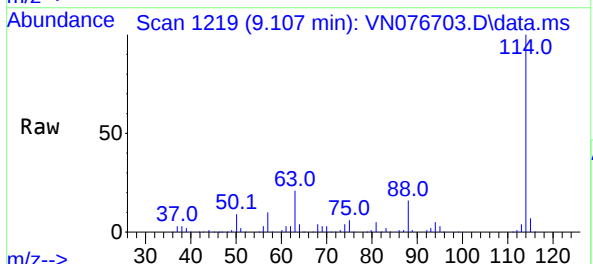
Manual Integrations
APPROVED

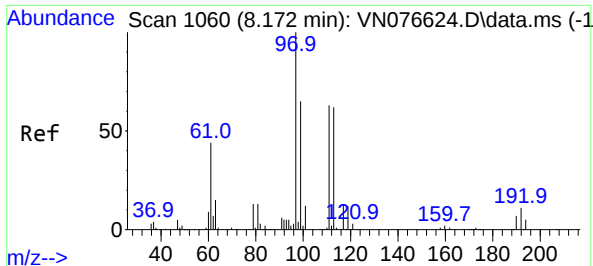
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

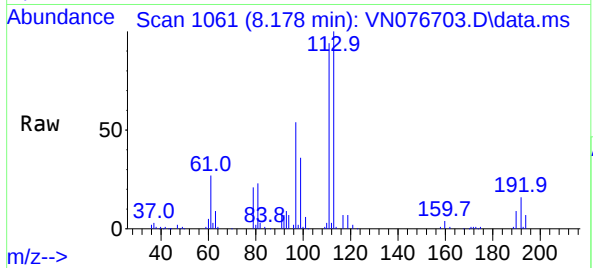
Tgt Ion:114 Resp: 521499
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 15.6 0.0 29.6





#35
Dibromofluoromethane
Concen: 51.780 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

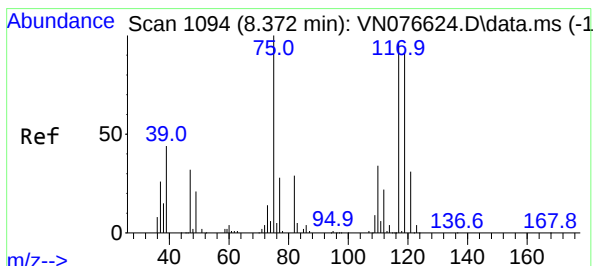
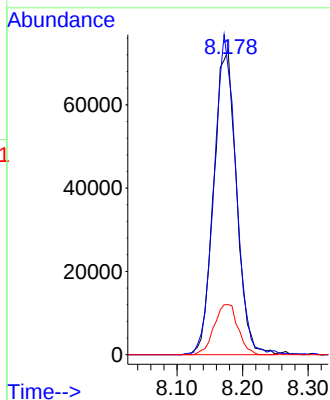
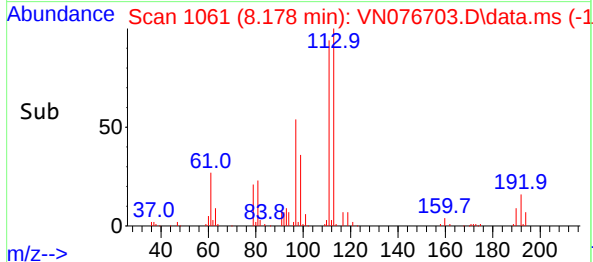
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



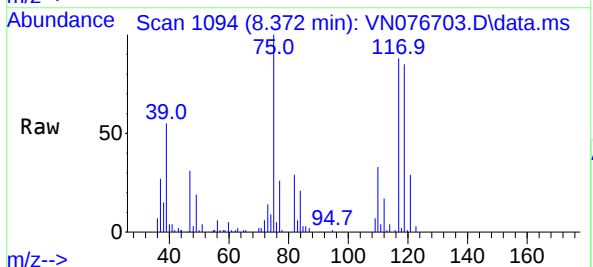
Tgt Ion: 113 Resp: 176839
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 17.1 15.6 23.4

Manual Integrations
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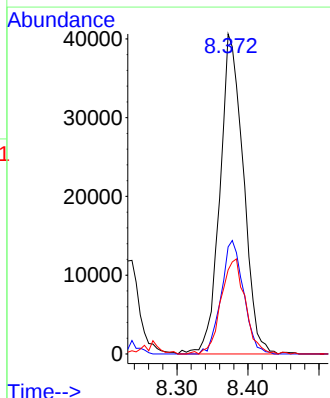
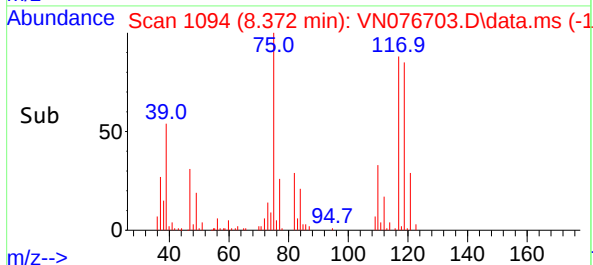
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

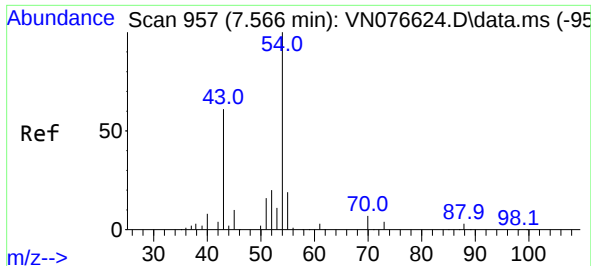


#36
1,1-Dichloropropene
Concen: 18.800 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



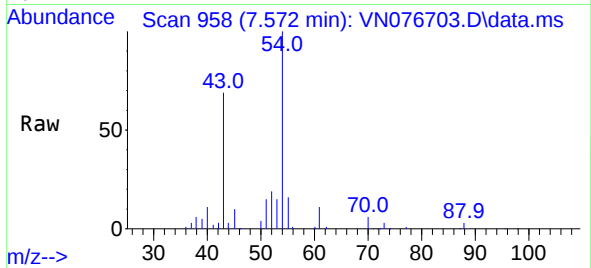
Tgt Ion: 75 Resp: 92767
Ion Ratio Lower Upper
75 100
110 33.9 17.5 52.5
77 30.7 24.5 36.7





#37
Ethyl Acetate
Concen: 21.809 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

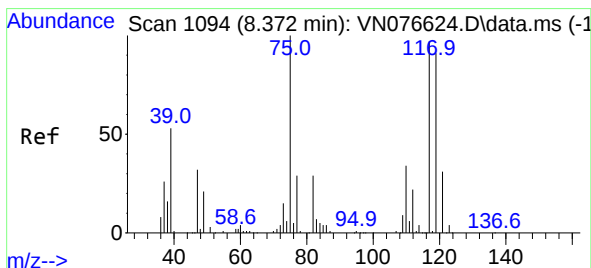
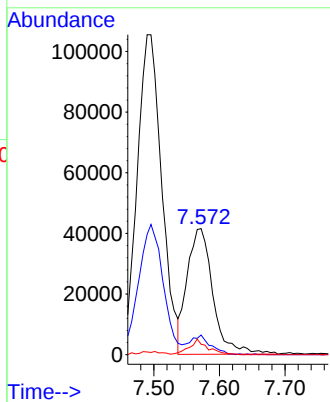
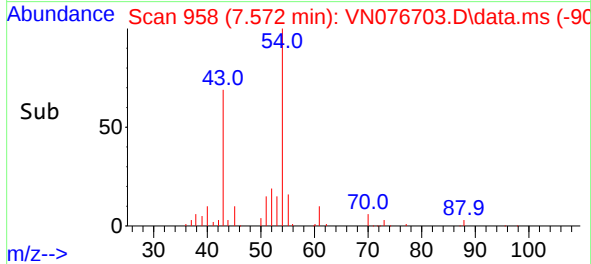
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



Tgt Ion: 43 Resp: 113220
Ion Ratio Lower Upper
43 100
61 12.8 9.9 14.9
70 8.9 7.8 11.6

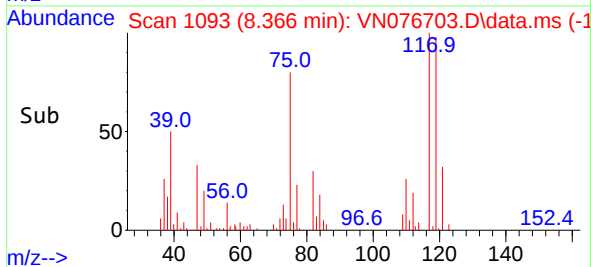
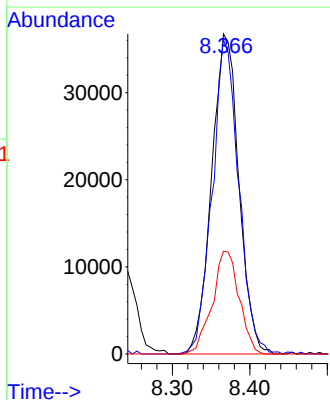
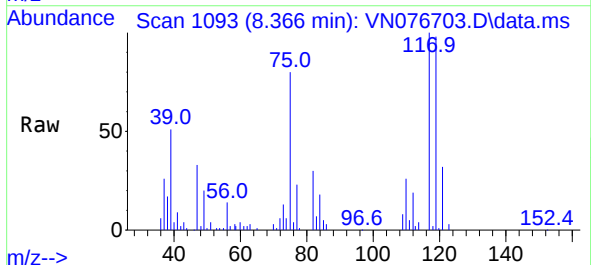
Manual Integrations
APPROVED

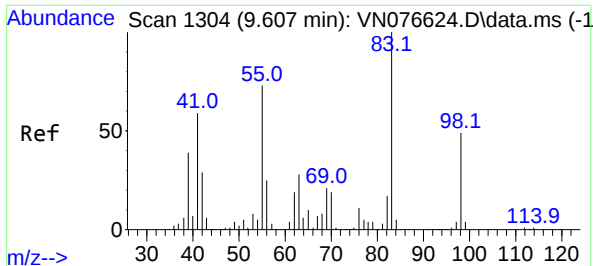
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Carbon Tetrachloride
Concen: 17.998 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

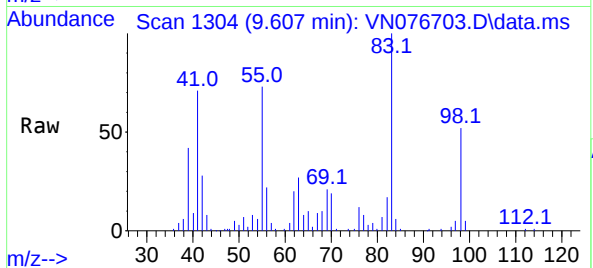
Tgt Ion:117 Resp: 89588
Ion Ratio Lower Upper
117 100
119 98.3 75.4 113.0
121 32.1 26.0 39.0





#39
Methylcyclohexane
Concen: 19.140 ug/l
RT: 9.607 min Scan# 11304
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

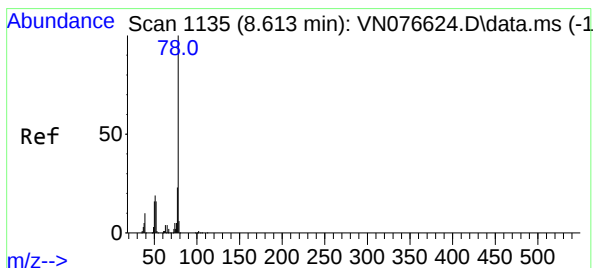
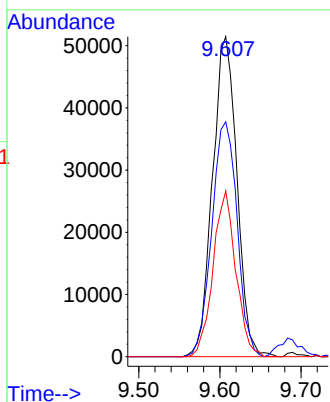
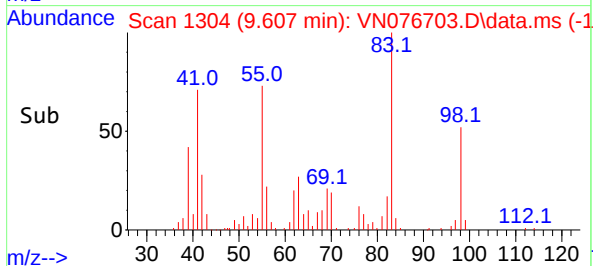
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



Tgt Ion: 83 Resp: 107354
Ion Ratio Lower Upper
83 100
55 73.4 58.6 88.0
98 51.7 39.4 59.2

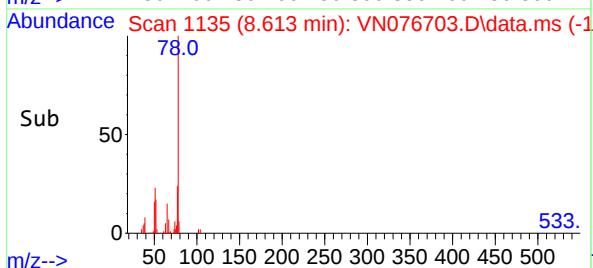
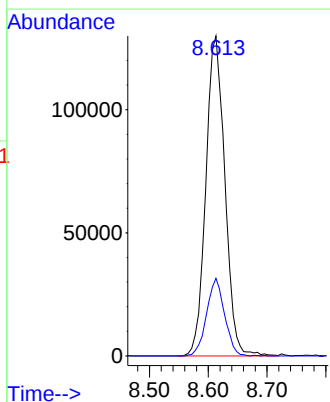
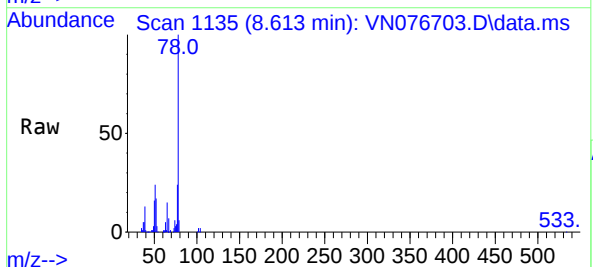
Manual Integrations
APPROVED

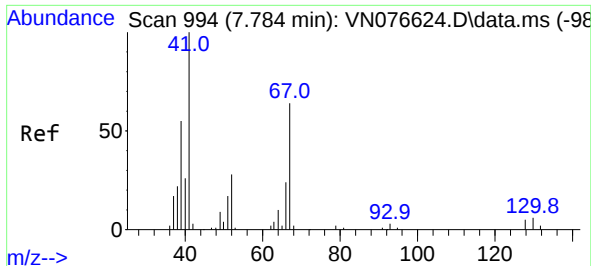
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40
Benzene
Concen: 19.334 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

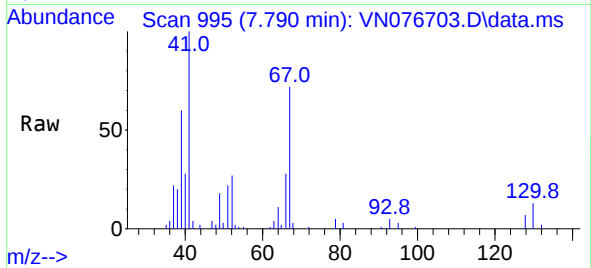
Tgt Ion: 78 Resp: 292973
Ion Ratio Lower Upper
78 100
77 24.2 18.2 27.4





#41
Methacrylonitrile
Concen: 19.849 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

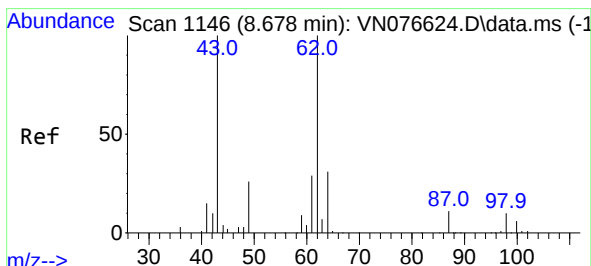
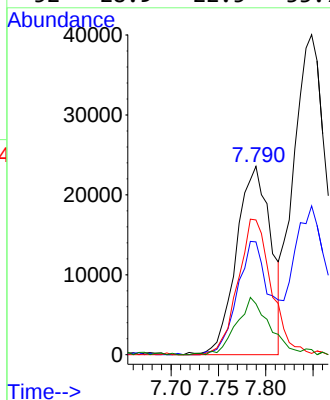
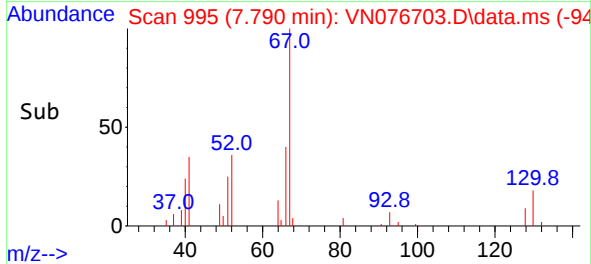
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



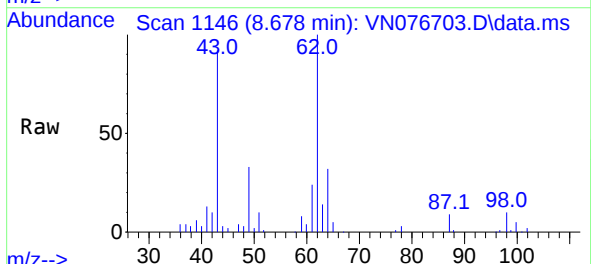
Tgt Ion: 41 Resp: 59698
Ion Ratio Lower Upper
41 100
39 59.5 42.6 63.8
67 69.6 51.4 77.0
52 28.9 22.5 33.7

Manual Integrations
APPROVED

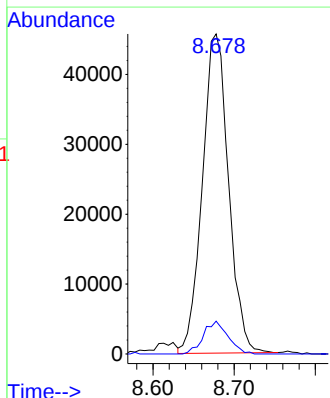
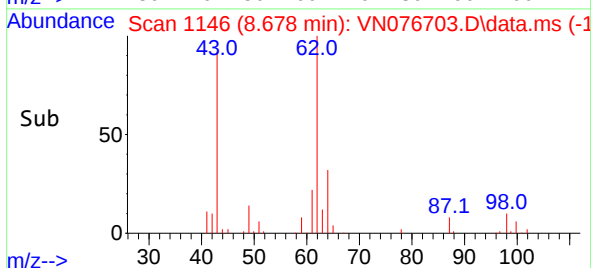
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

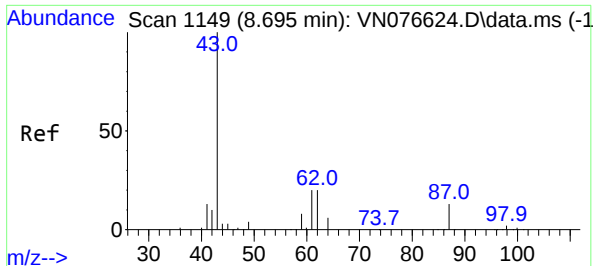


#42
1,2-Dichloroethane
Concen: 19.364 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



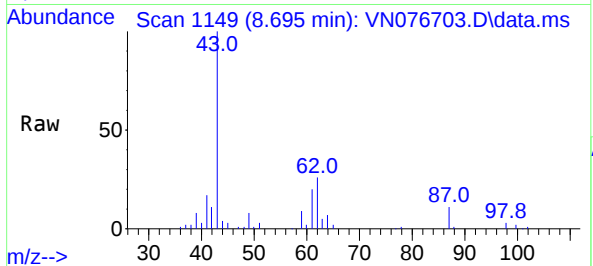
Tgt Ion: 62 Resp: 102336
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43
Isopropyl Acetate
Concen: 20.868 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

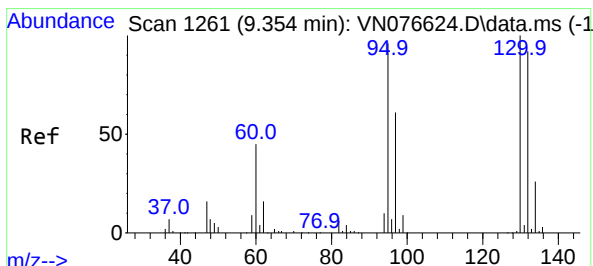
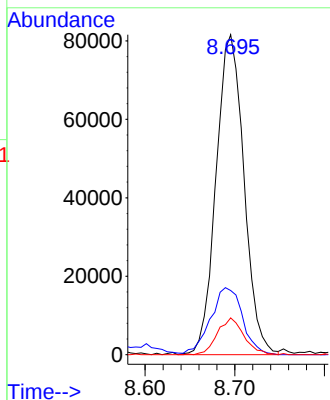
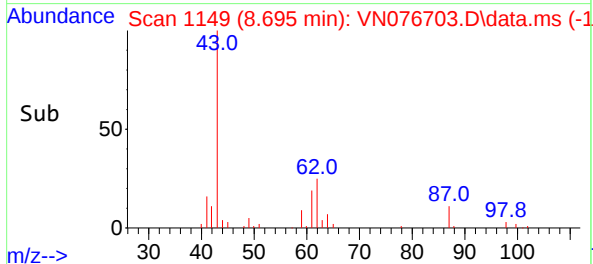
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



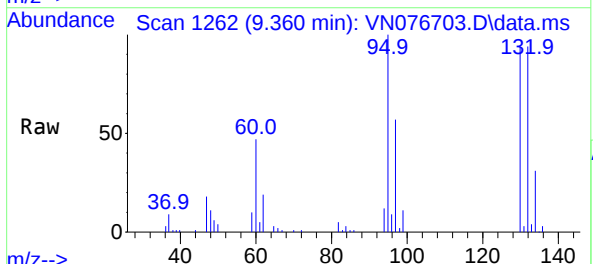
Tgt Ion: 43 Resp: 176295
Ion Ratio Lower Upper
43 100
61 24.0 20.0 30.0
87 10.9 9.9 14.9

Manual Integrations
APPROVED

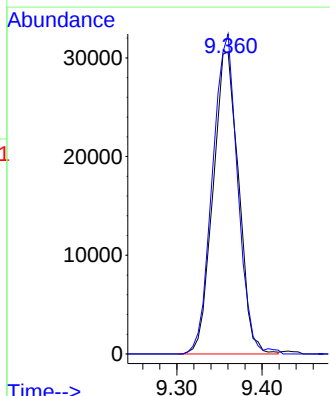
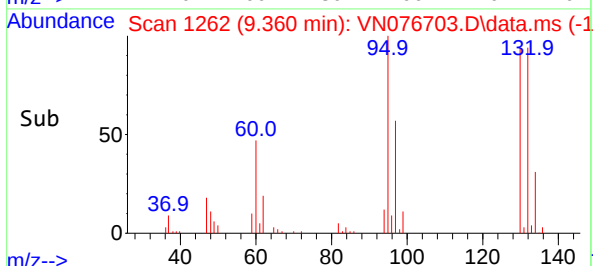
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

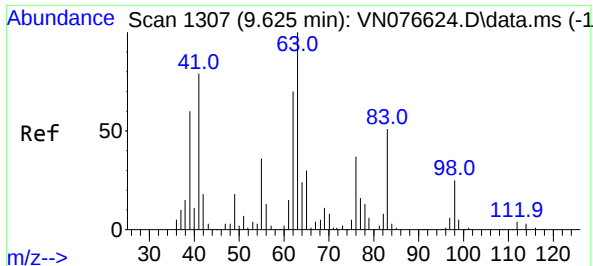


#44
Trichloroethene
Concen: 17.830 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



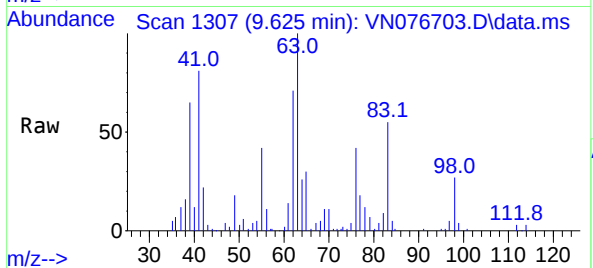
Tgt Ion:130 Resp: 63846
Ion Ratio Lower Upper
130 100
95 105.9 0.0 191.4





#45
1,2-Dichloropropane
Concen: 18.858 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

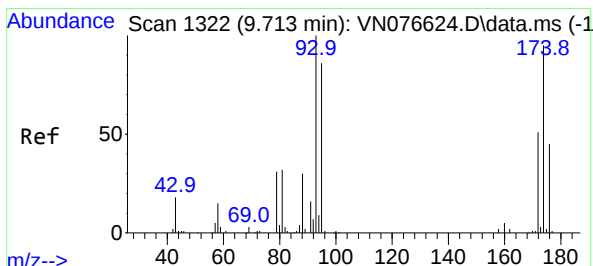
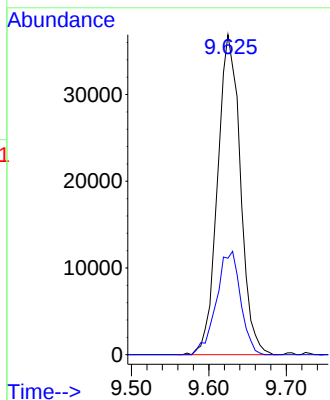
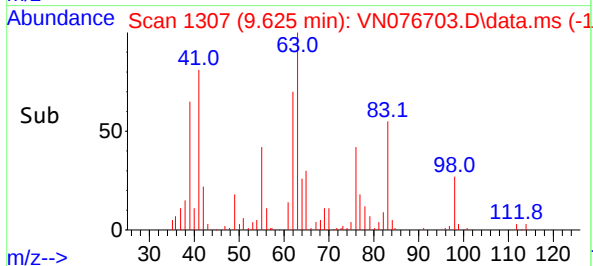
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



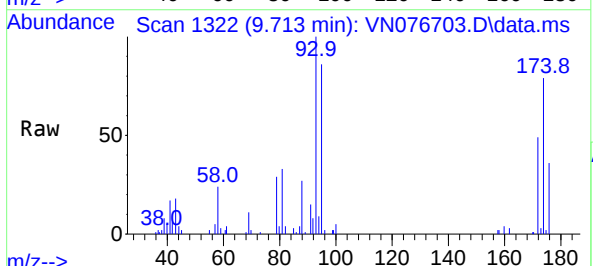
Tgt Ion: 63 Resp: 75640
Ion Ratio Lower Upper
63 100
65 30.1 24.2 36.2

Manual Integrations
APPROVED

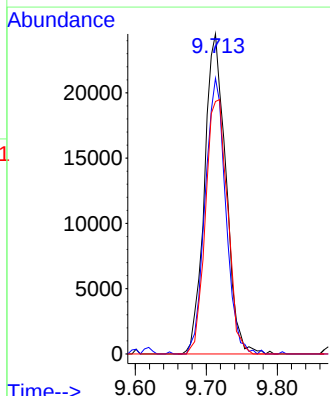
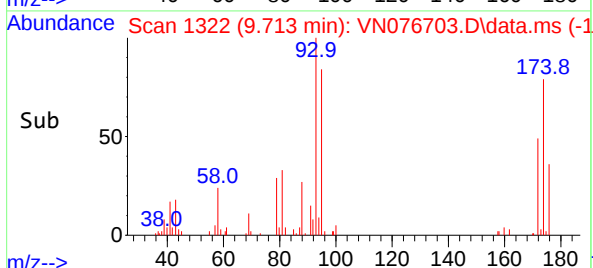
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

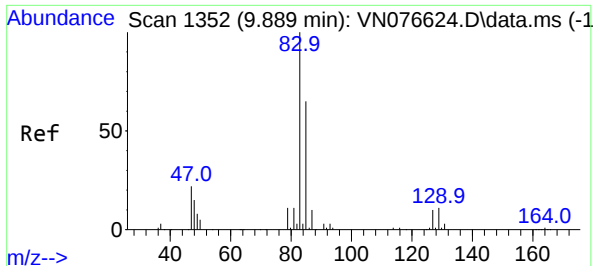


#46
Dibromomethane
Concen: 19.963 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



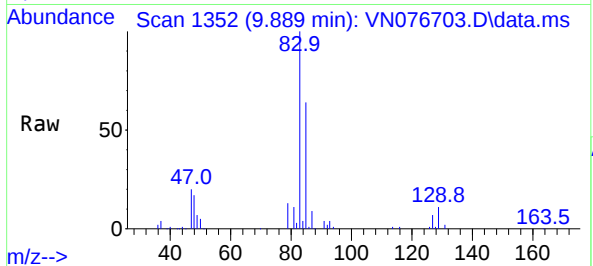
Tgt Ion: 93 Resp: 51194
Ion Ratio Lower Upper
93 100
95 83.2 66.0 99.0
174 81.8 75.8 113.8





#47
Bromodichloromethane
Concen: 19.025 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

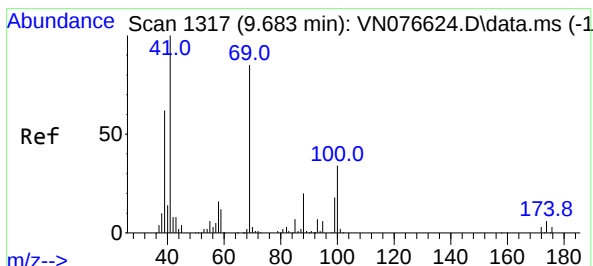
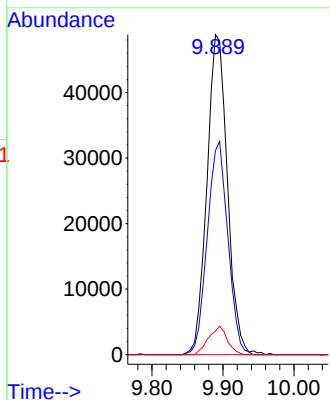
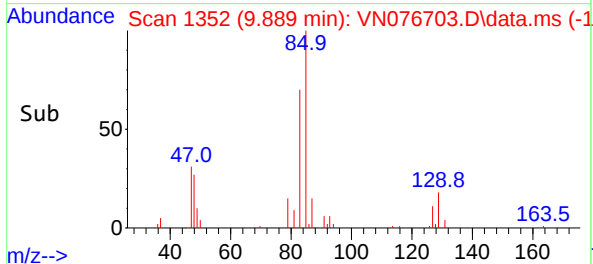
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



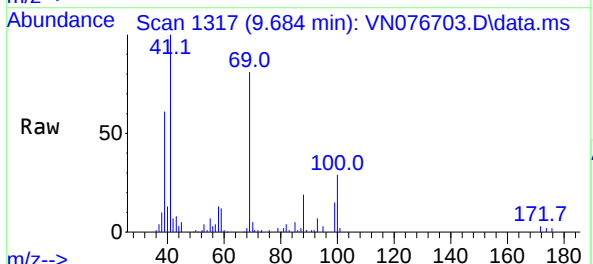
Tgt Ion: 83 Resp: 97819
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6
127 7.3 7.9 11.9

Manual Integrations
APPROVED

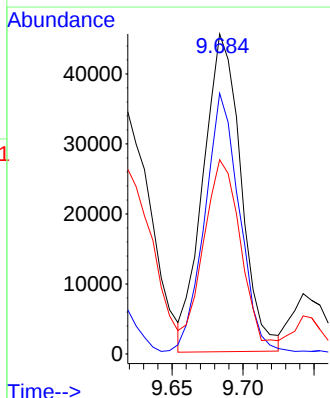
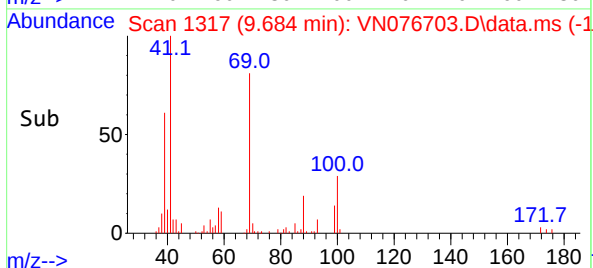
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

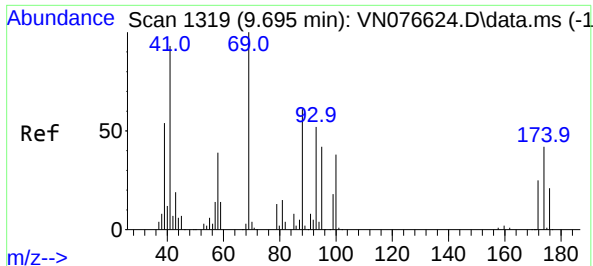


#48
Methyl methacrylate
Concen: 21.014 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



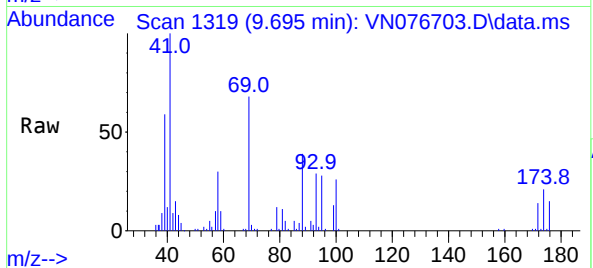
Tgt Ion: 41 Resp: 84239
Ion Ratio Lower Upper
41 100
69 76.9 65.4 98.0
39 61.4 49.3 73.9





#49
1,4-Dioxane
Concen: 408.568 ug/l
RT: 9.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

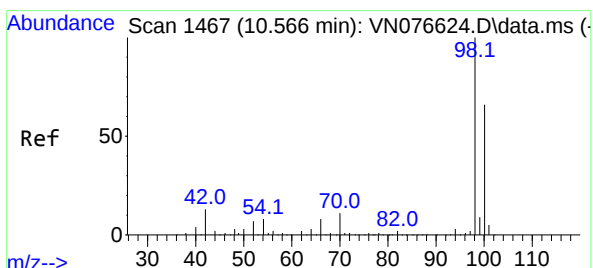
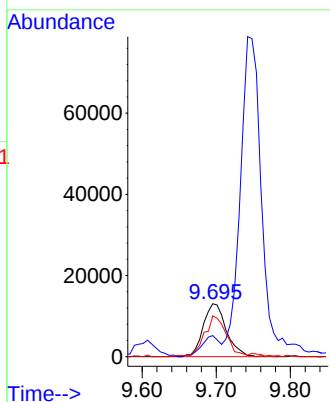
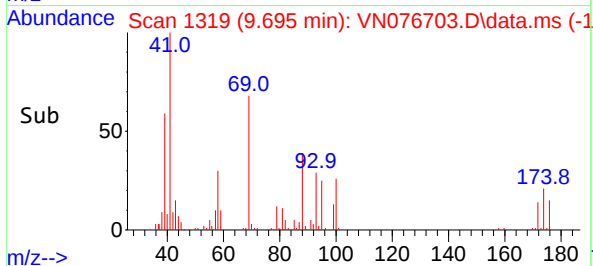
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



Tgt Ion: 88 Resp: 2833
Ion Ratio Lower Upper
88 100
43 30.8 22.6 33.8
58 73.2 57.6 86.4

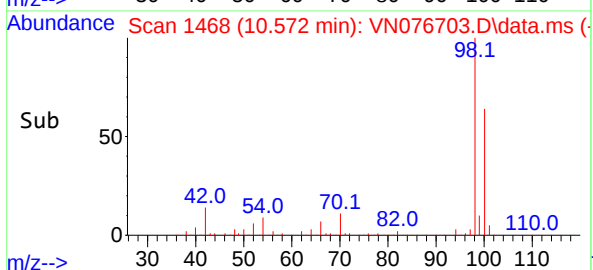
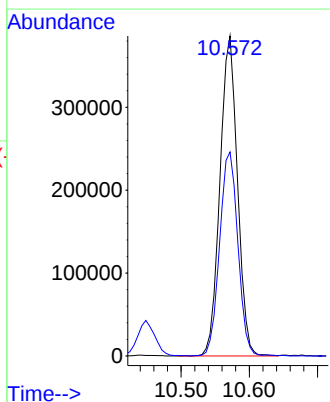
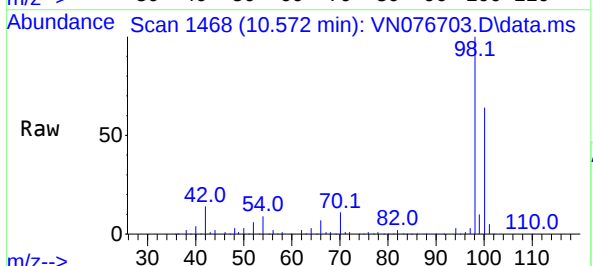
Manual Integrations
APPROVED

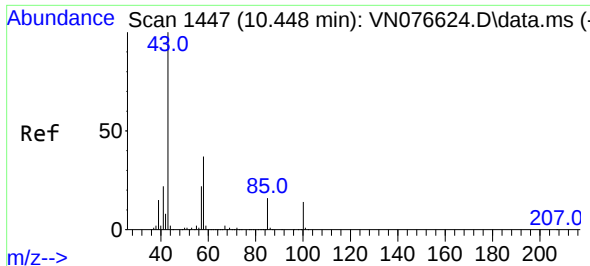
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#50
Toluene-d8
Concen: 54.140 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

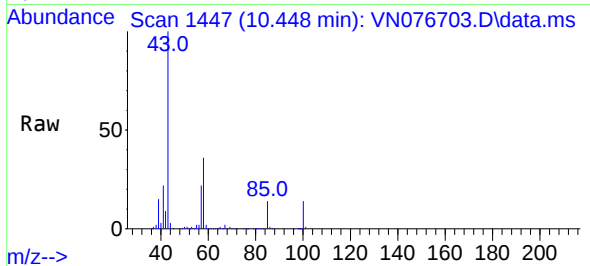
Tgt Ion: 98 Resp: 690512
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 109.593 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

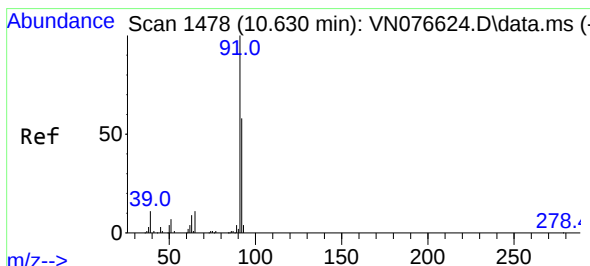
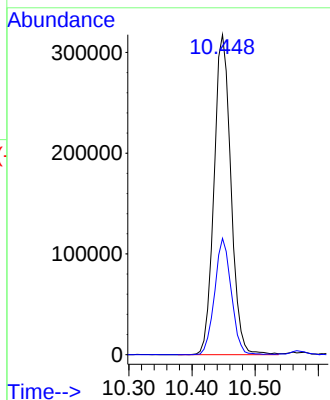
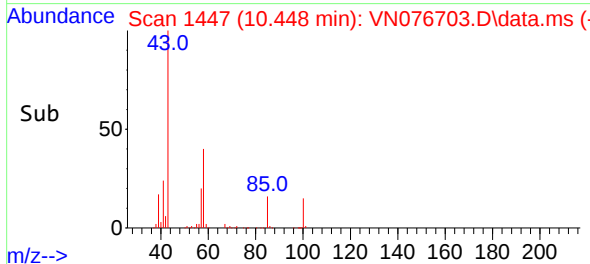
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



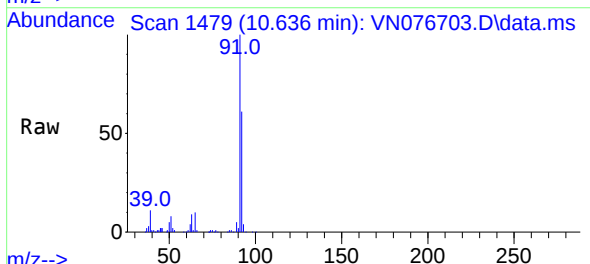
Tgt Ion: 43 Resp: 589068
Ion Ratio Lower Upper
43 100
58 35.8 29.5 44.3

Manual Integrations
APPROVED

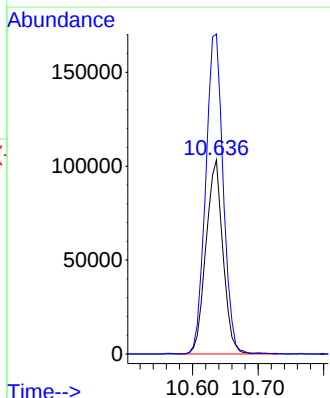
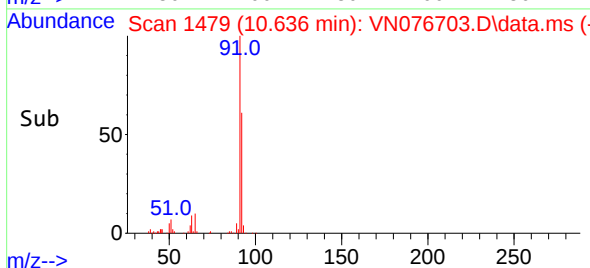
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

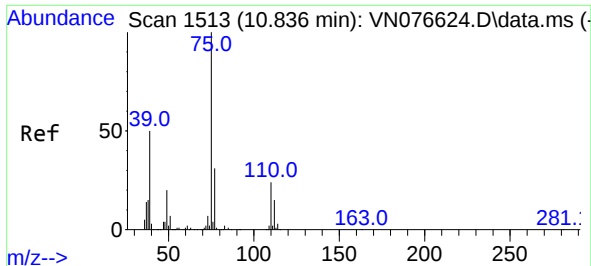


#52
Toluene
Concen: 20.360 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



Tgt Ion: 92 Resp: 186268
Ion Ratio Lower Upper
92 100
91 169.8 138.0 207.0





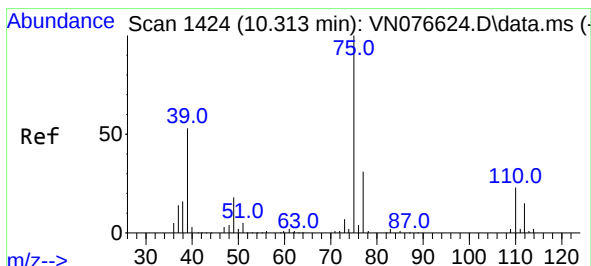
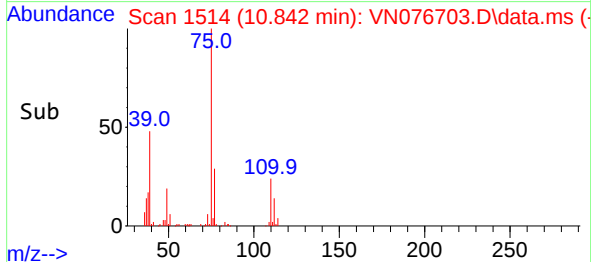
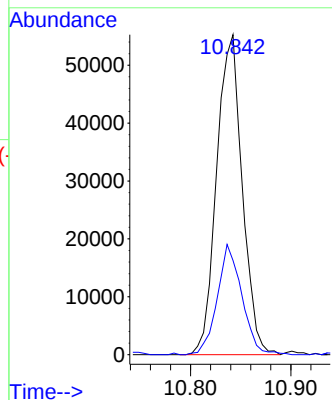
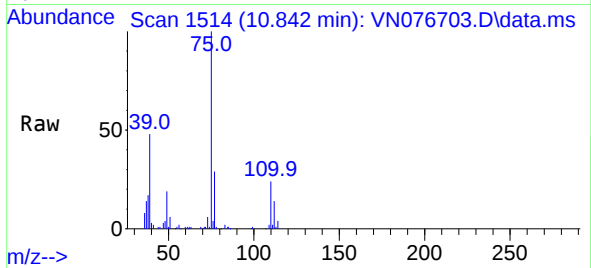
#53
t-1,3-Dichloropropene
Concen: 19.742 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01

Tgt Ion: 75 Resp: 97972
Ion Ratio Lower Upper
75 100
77 29.5 24.6 37.0

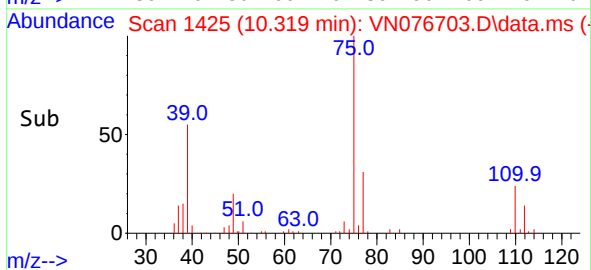
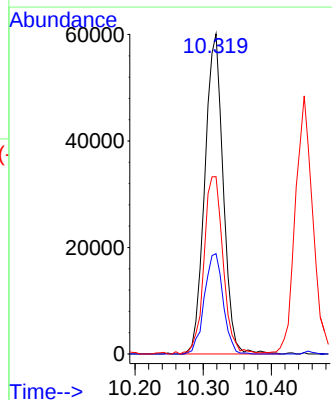
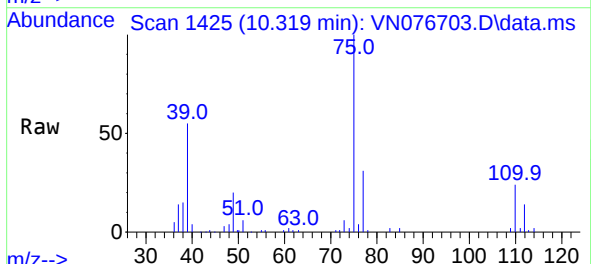
Manual Integrations
APPROVED

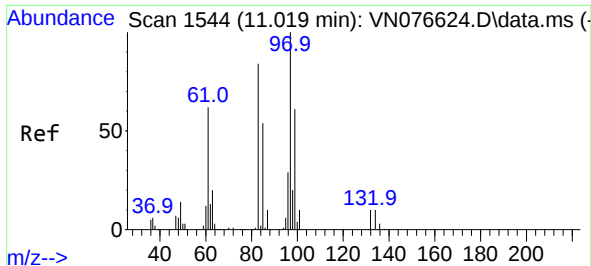
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#54
cis-1,3-Dichloropropene
Concen: 19.682 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

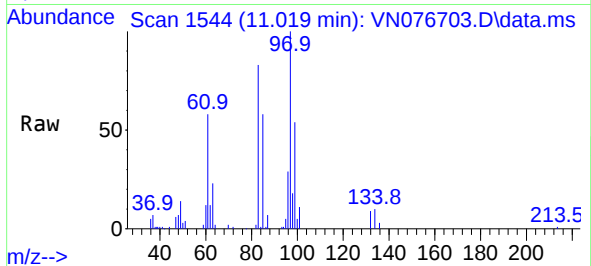
Tgt Ion: 75 Resp: 112662
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 55.4 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 19.915 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

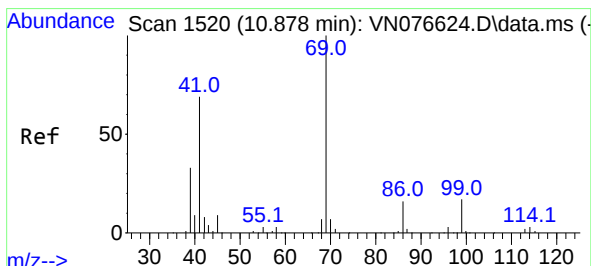
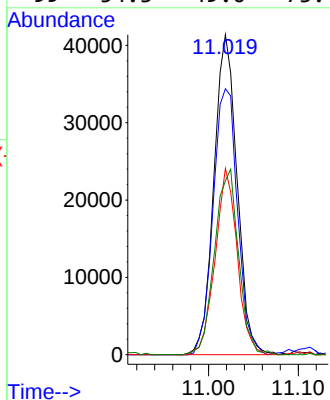
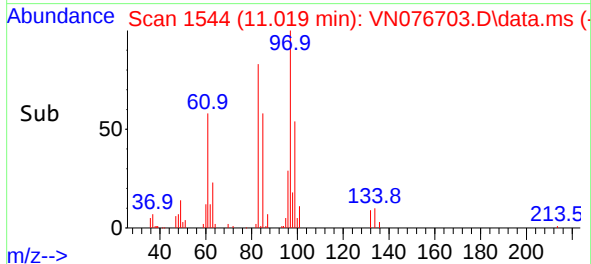
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



Tgt Ion:	97	Resp:	7408
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.3	100.9
85	58.2	43.2	64.8
99	54.3	49.0	73.4

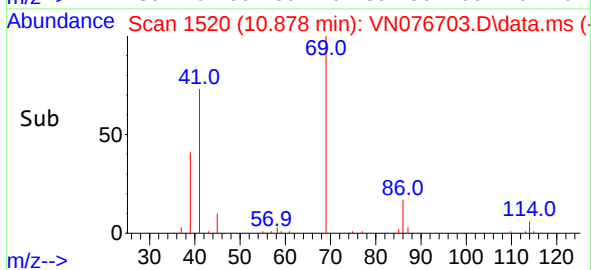
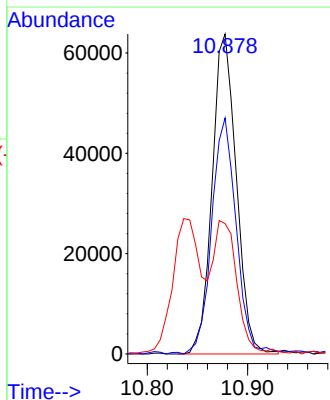
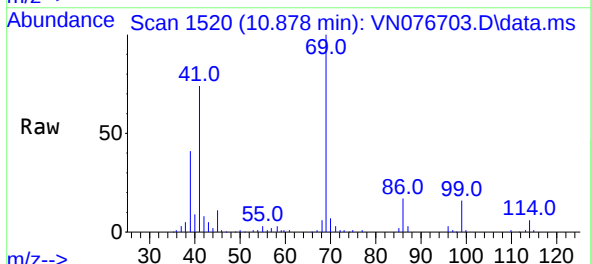
Manual Integrations
APPROVED

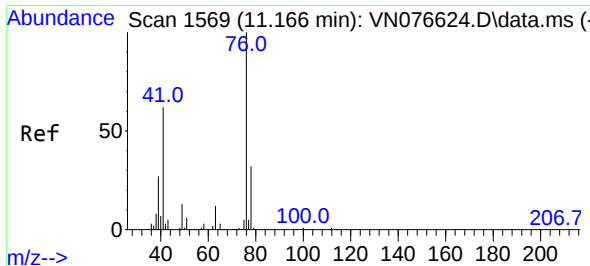
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
Ethyl methacrylate
Concen: 20.336 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Tgt Ion:	69	Resp:	106485
Ion	Ratio	Lower	Upper
69	100		
41	75.2	55.1	82.7
39	40.3	30.7	46.1





#57

1,3-Dichloropropane

Concen: 19.572 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076703.D

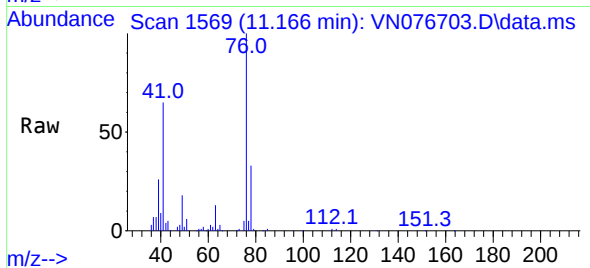
Acq: 16 Feb 2023 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0216WBS01



Tgt Ion: 76 Resp: 125090

Ion Ratio Lower Upper

76 100

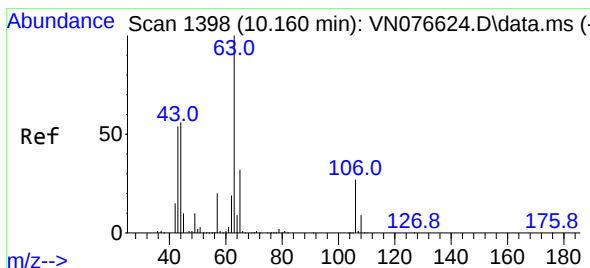
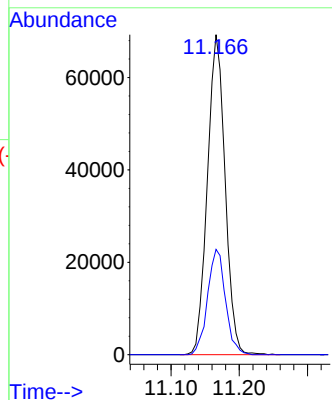
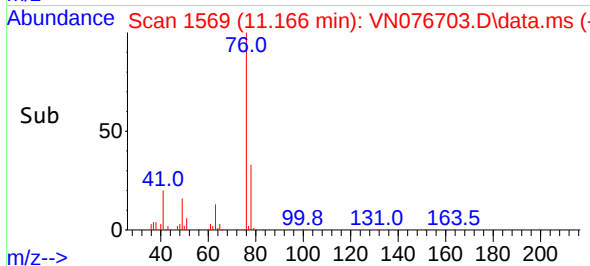
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.064 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076703.D

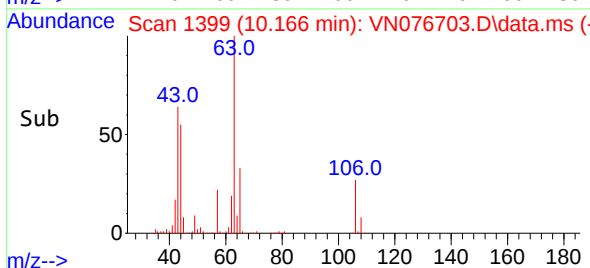
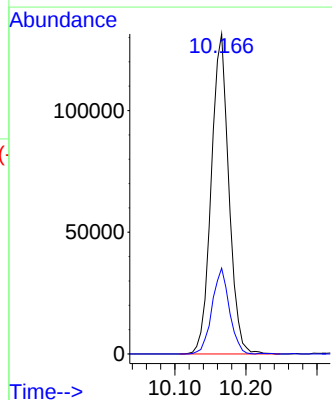
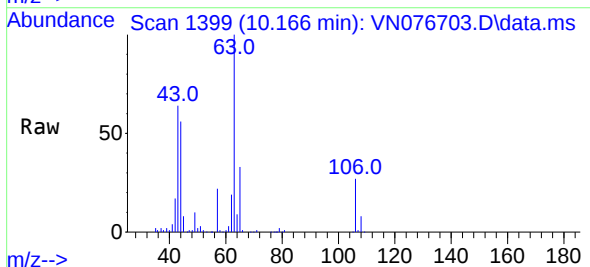
Acq: 16 Feb 2023 11:41

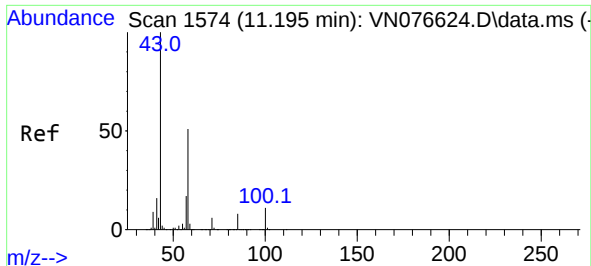
Tgt Ion: 63 Resp: 225578

Ion Ratio Lower Upper

63 100

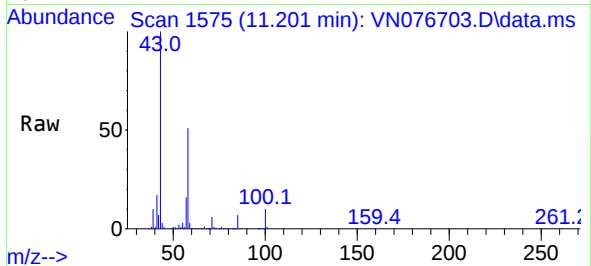
106 26.4 22.3 33.5





#59
2-Hexanone
Concen: 111.406 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

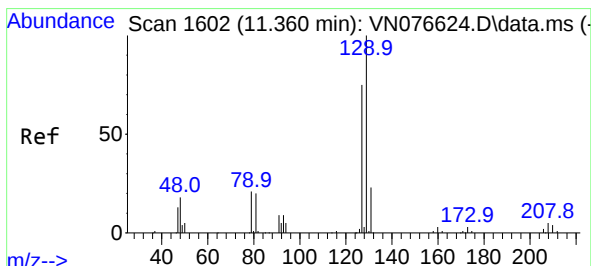
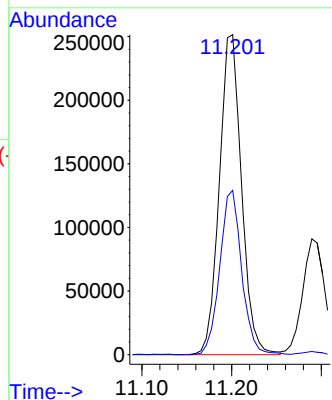
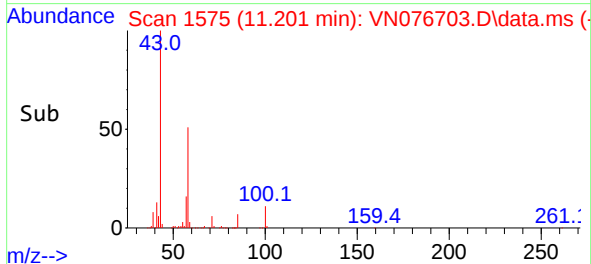
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



Tgt Ion: 43 Resp: 43176
Ion Ratio Lower Upper
43 100
58 50.8 25.4 76.0

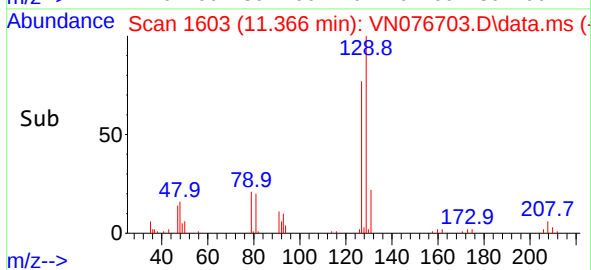
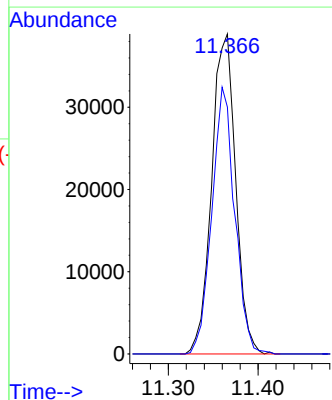
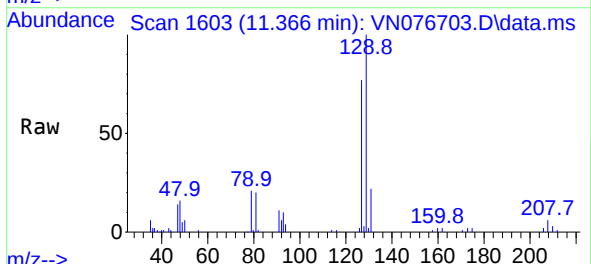
Manual Integrations
APPROVED

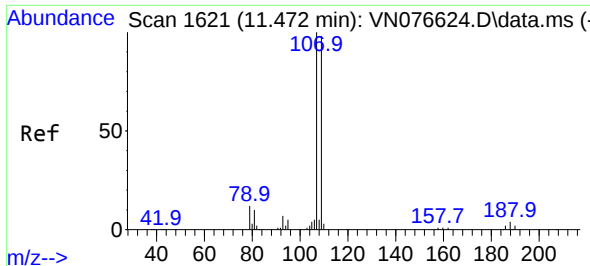
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
Dibromochloromethane
Concen: 18.398 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Tgt Ion:129 Resp: 72134
Ion Ratio Lower Upper
129 100
127 79.7 38.8 116.4





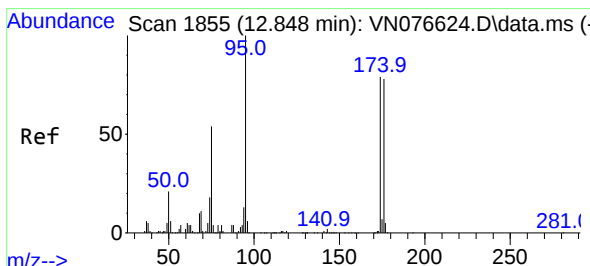
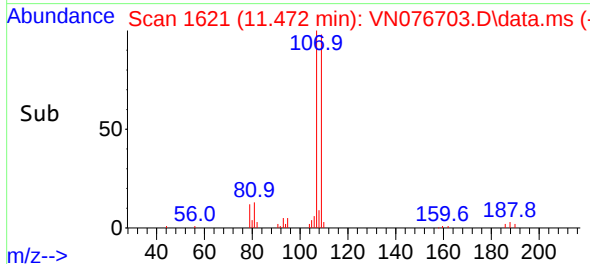
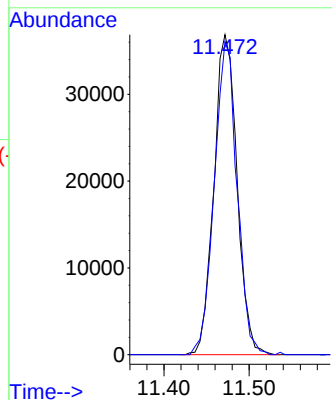
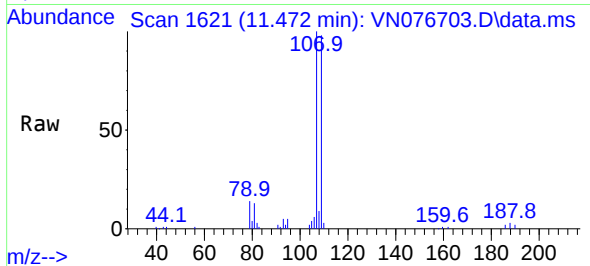
#61
1,2-Dibromoethane
Concen: 18.698 ug/l
RT: 11.472 min Scan# 107
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01

Tgt Ion:107 Resp: 6962
Ion Ratio Lower Upper
107 100
109 96.1 76.8 115.2

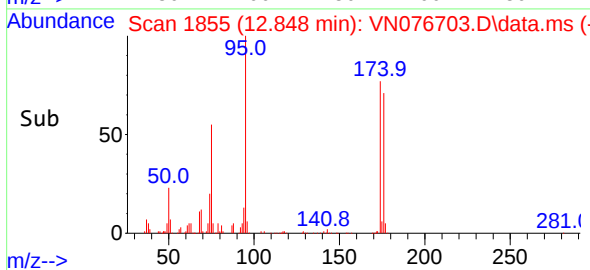
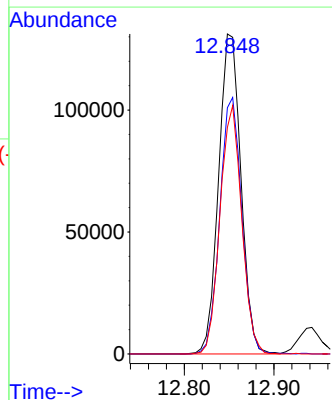
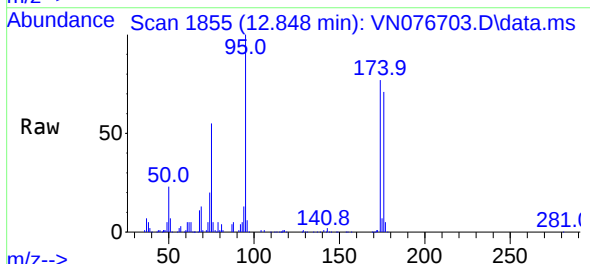
Manual Integrations
APPROVED

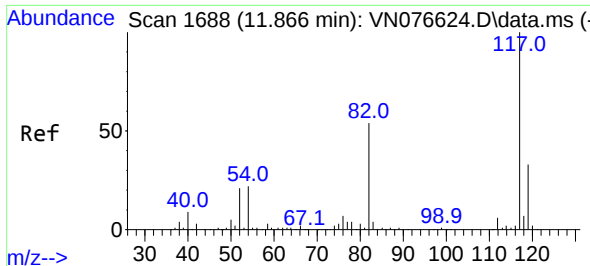
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#62
4-Bromofluorobenzene
Concen: 53.670 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

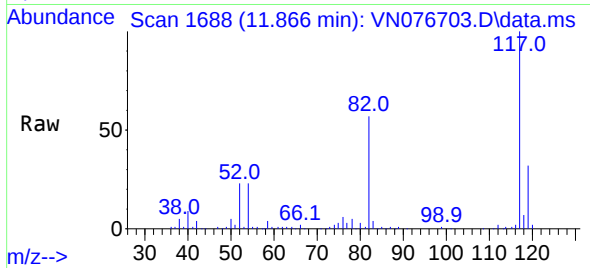
Tgt Ion: 95 Resp: 226715
Ion Ratio Lower Upper
95 100
174 79.0 0.0 169.2
176 75.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

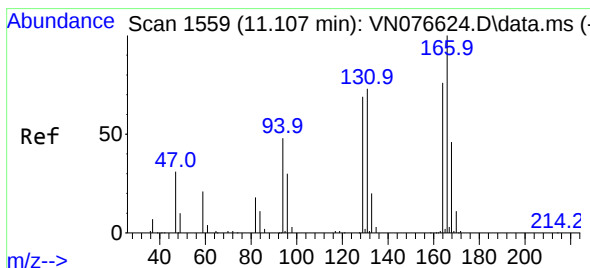
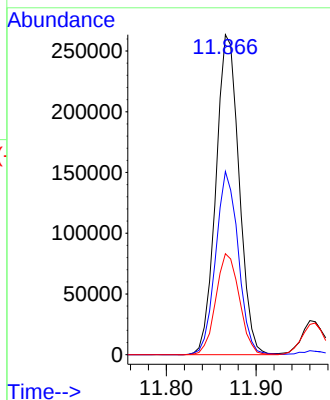
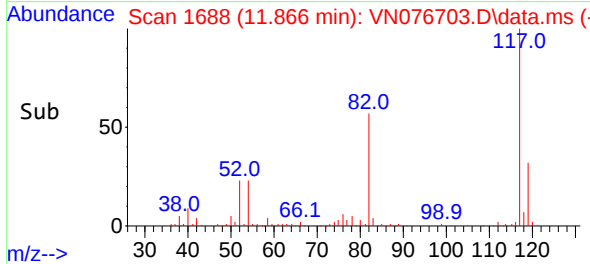
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



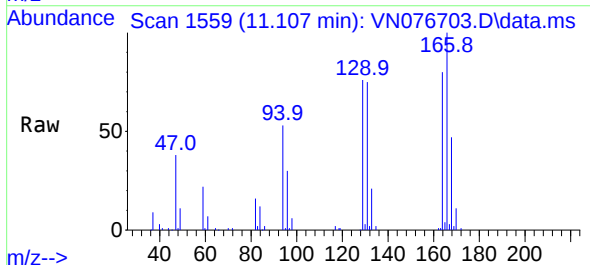
Tgt Ion:117 Resp: 472699
Ion Ratio Lower Upper
117 100
82 57.3 43.4 65.2
119 31.6 26.1 39.1

Manual Integrations
APPROVED

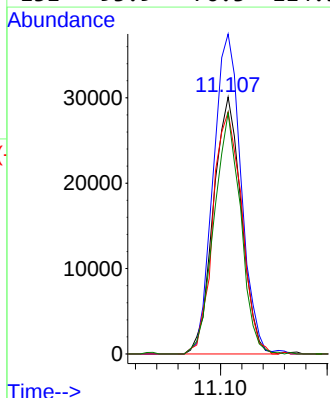
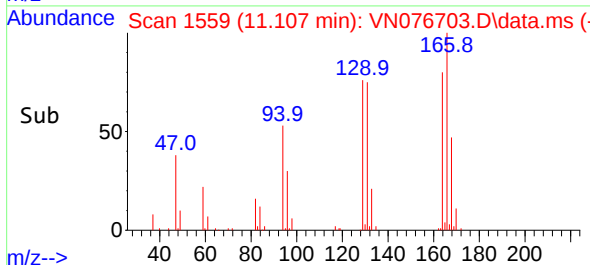
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

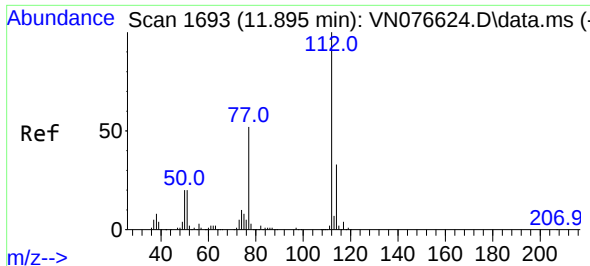


#64
Tetrachloroethene
Concen: 18.384 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



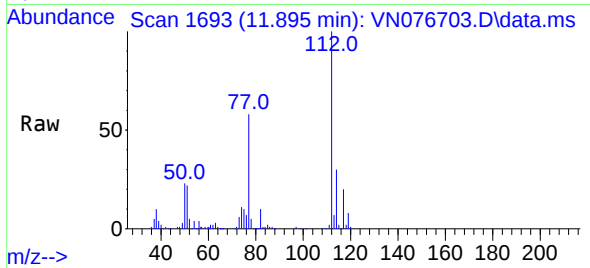
Tgt Ion:164 Resp: 54764
Ion Ratio Lower Upper
164 100
166 124.6 104.8 157.2
129 94.2 72.2 108.2
131 93.9 76.3 114.5





#65
Chlorobenzene
Concen: 18.892 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

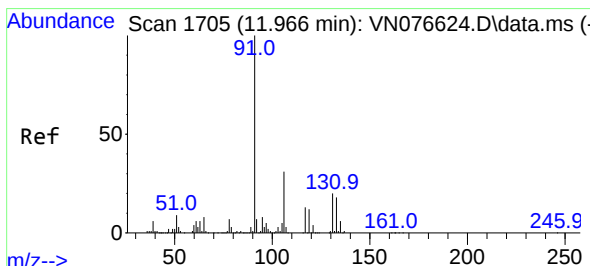
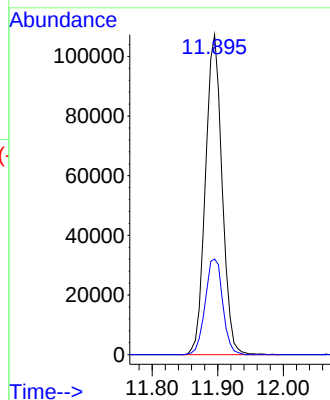
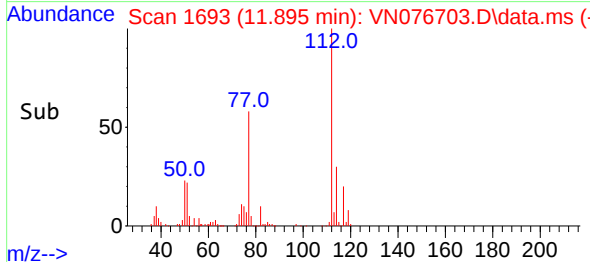
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



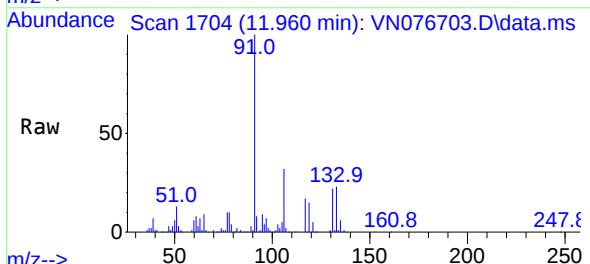
Tgt Ion:112 Resp: 189259
Ion Ratio Lower Upper
112 100
114 29.9 26.4 39.6

Manual Integrations
APPROVED

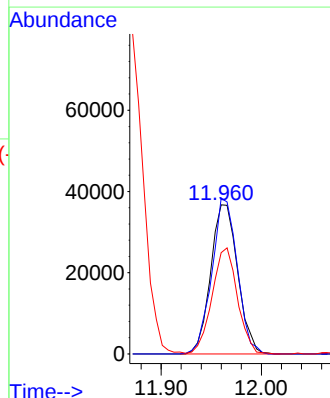
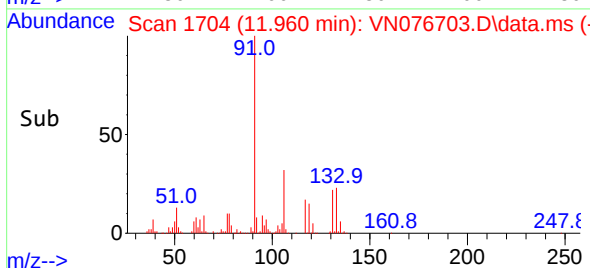
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

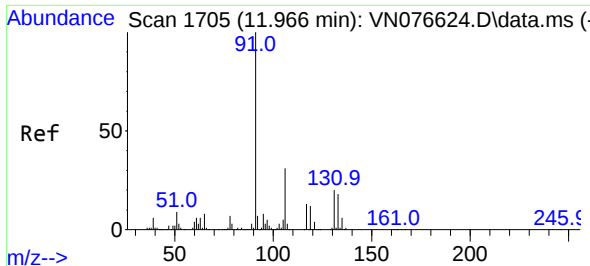


#66
1,1,1,2-Tetrachloroethane
Concen: 18.908 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



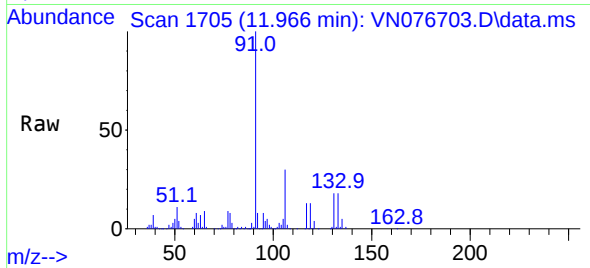
Tgt Ion:131 Resp: 68801
Ion Ratio Lower Upper
131 100
133 98.1 47.0 141.0
119 66.9 32.3 96.8





#67
Ethyl Benzene
Concen: 20.057 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

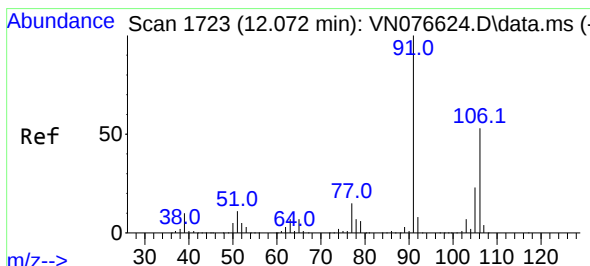
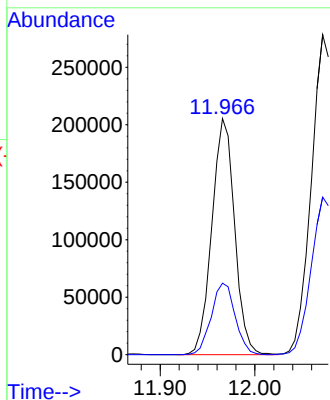
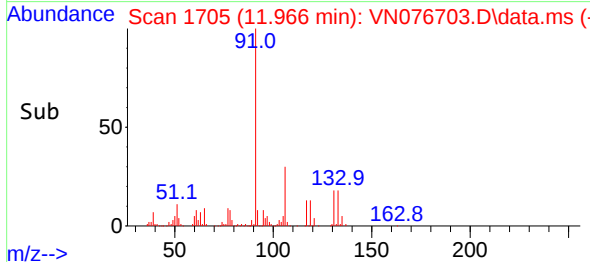
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



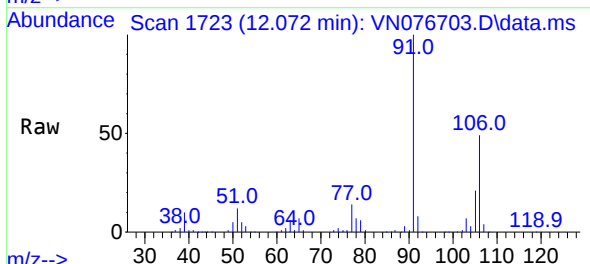
Tgt Ion: 91 Resp: 342312
Ion Ratio Lower Upper
91 100
106 30.3 25.1 37.7

Manual Integrations
APPROVED

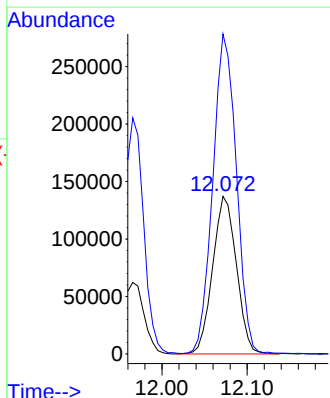
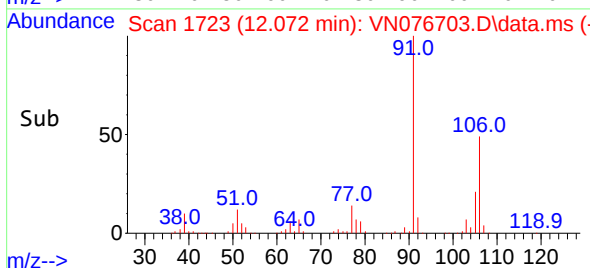
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

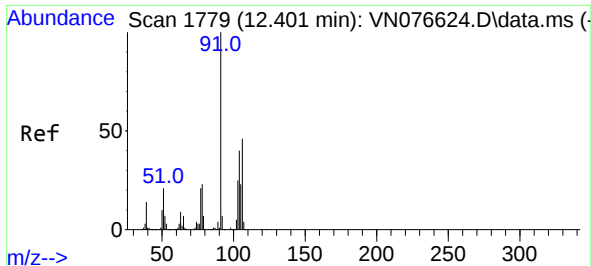


#68
m/p-Xylenes
Concen: 40.424 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



Tgt Ion:106 Resp: 265933
Ion Ratio Lower Upper
106 100
91 202.2 154.7 232.1





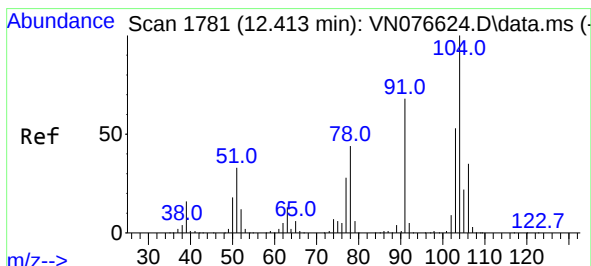
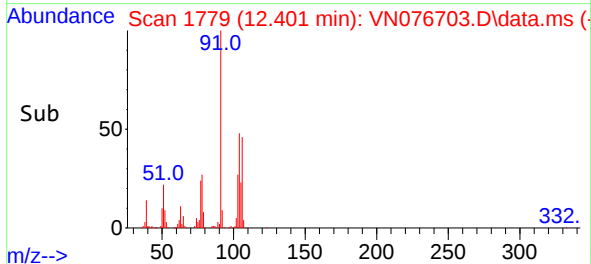
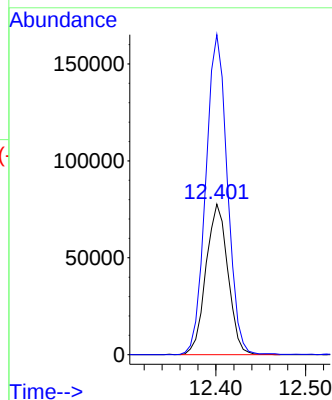
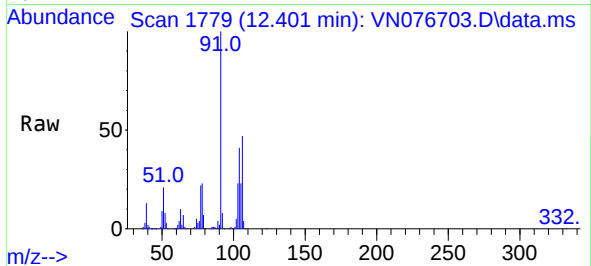
#69
o-Xylene
Concen: 20.600 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01

Tgt Ion:106 Resp: 13217
Ion Ratio Lower Upper
106 100
91 208.8 105.8 317.4

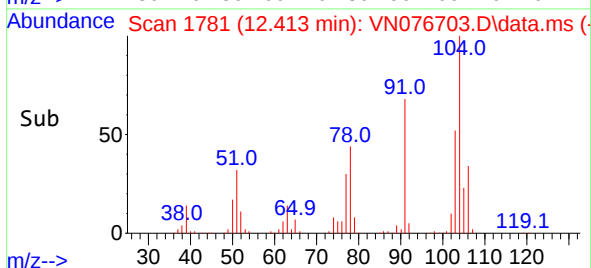
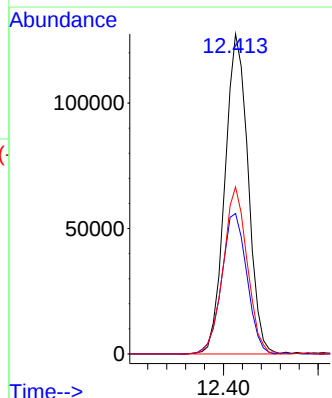
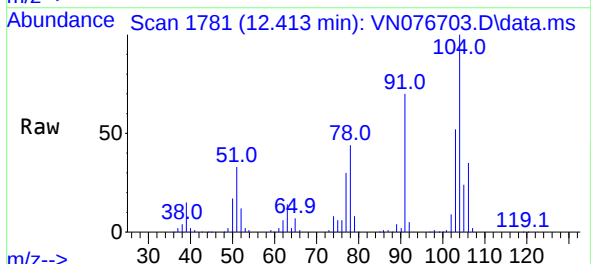
Manual Integrations
APPROVED

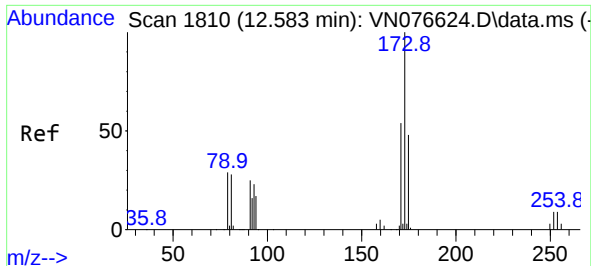
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#70
Styrene
Concen: 20.890 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

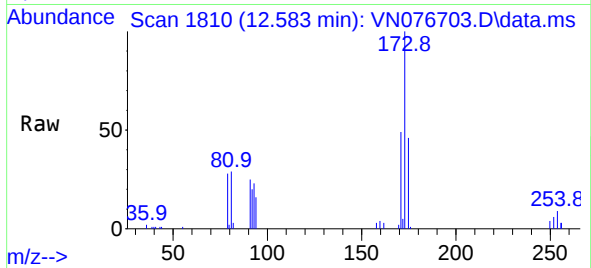
Tgt Ion:104 Resp: 216733
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.4
103 54.0 44.2 66.4





#71
Bromoform
Concen: 19.031 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

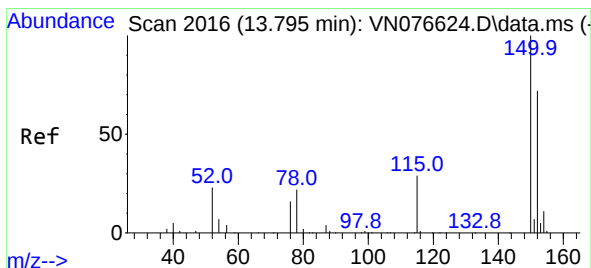
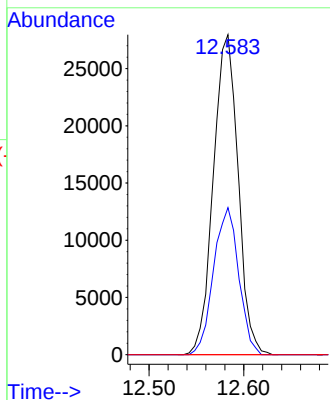
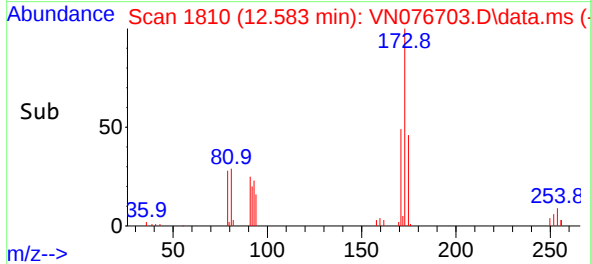
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



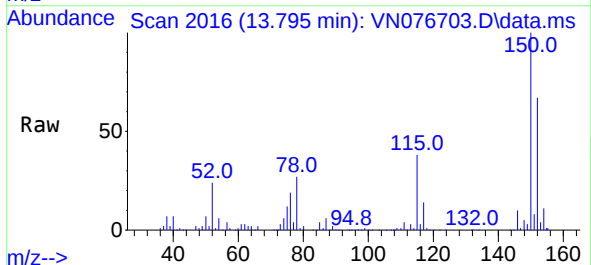
Tgt Ion:173 Resp: 5079
Ion Ratio Lower Upper
173 100
175 46.7 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

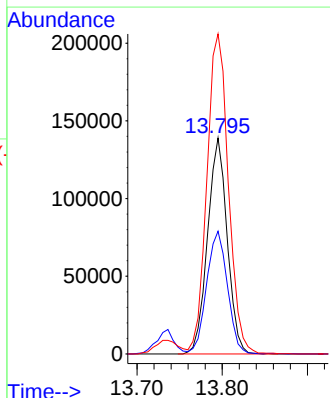
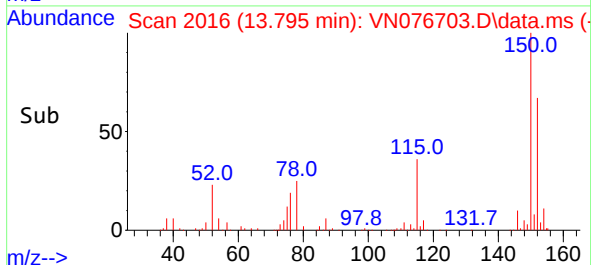
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

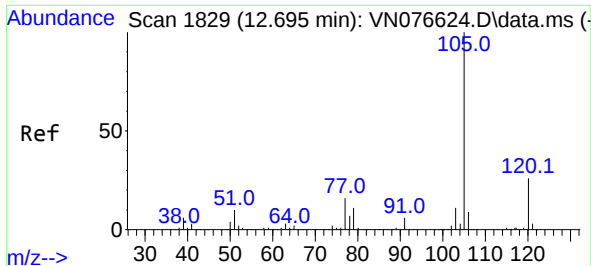


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



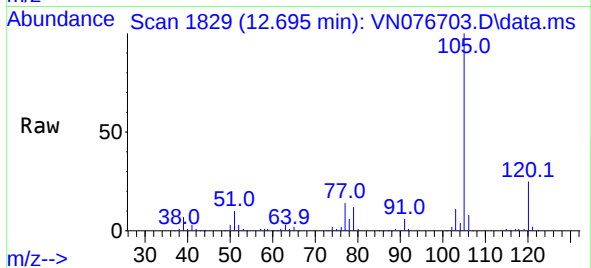
Tgt Ion:152 Resp: 222484
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.9
150 162.1 0.0 349.8





#73
Isopropylbenzene
Concen: 20.777 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

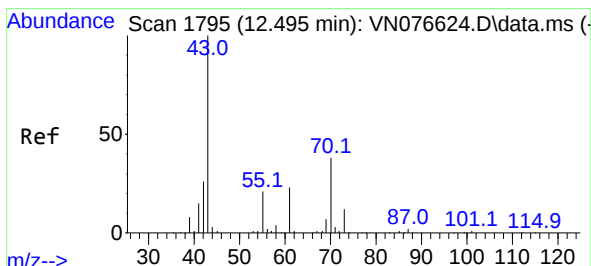
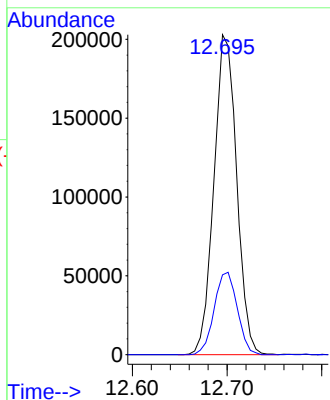
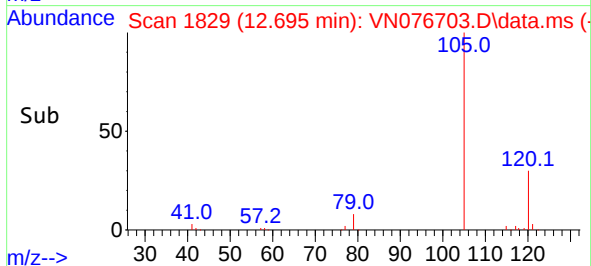
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



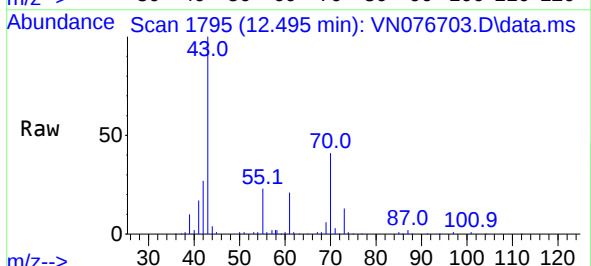
Tgt Ion:105 Resp: 33882
Ion Ratio Lower Upper
105 100
120 26.1 13.7 41.0

Manual Integrations
APPROVED

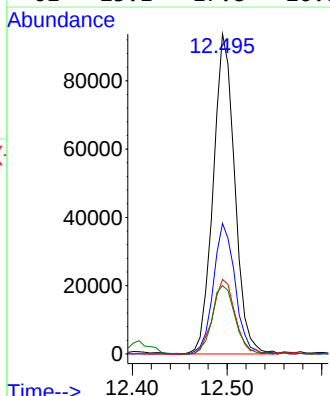
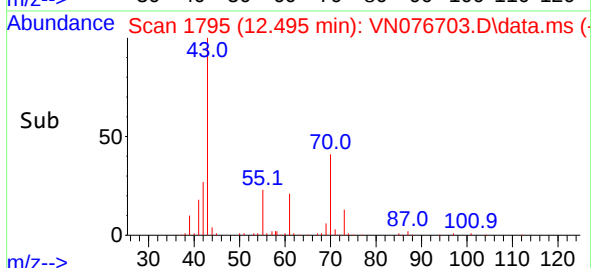
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

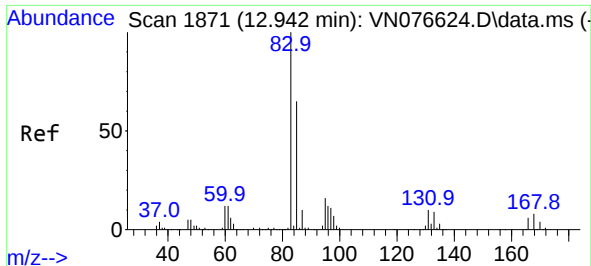


#74
N-ethyl acetate
Concen: 20.159 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



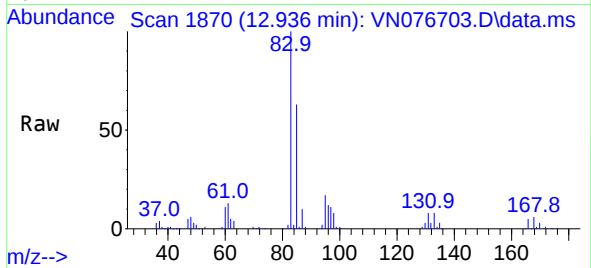
Tgt Ion: 43 Resp: 148177
Ion Ratio Lower Upper
43 100
70 41.3 30.5 45.7
55 24.1 17.8 26.8
61 23.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.595 ug/l
RT: 12.936 min Scan# 1156
Delta R.T. -0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

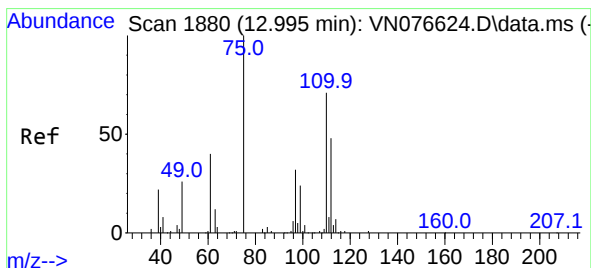
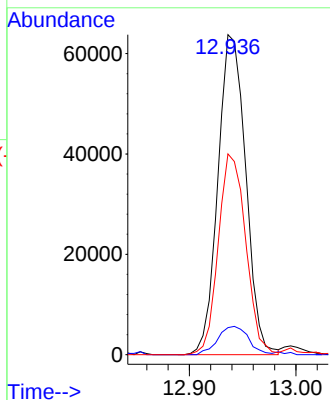
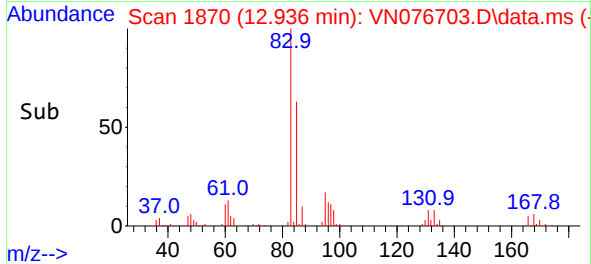
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



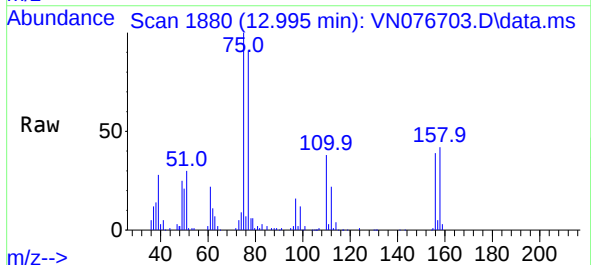
Tgt Ion: 83 Resp: 11564
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 61.9 31.8 95.3

Manual Integrations
APPROVED

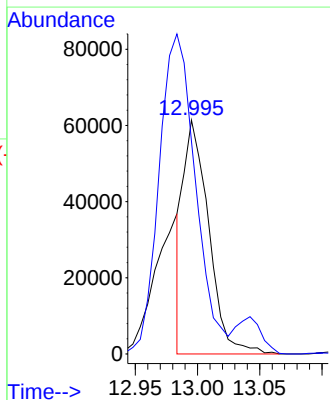
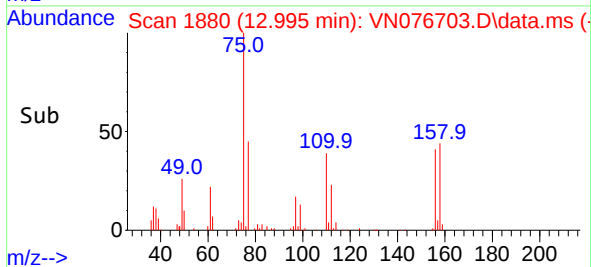
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

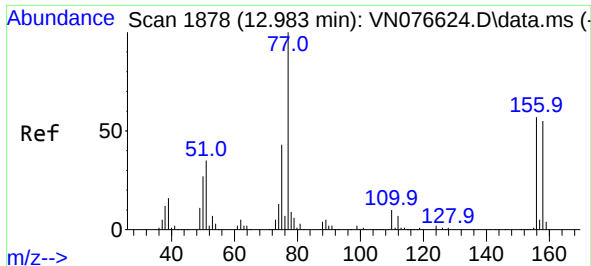


#76
1,2,3-Trichloropropane
Concen: 19.366 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



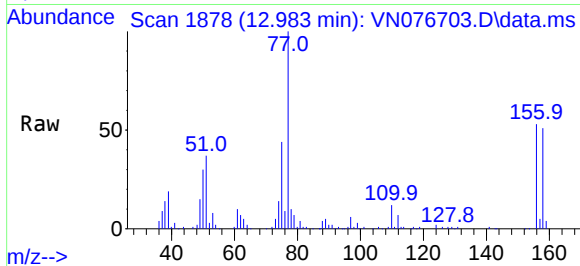
Tgt Ion: 75 Resp: 87107
Ion Ratio Lower Upper
75 100
77 196.4 93.1 279.3





#77
Bromobenzene
Concen: 18.590 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

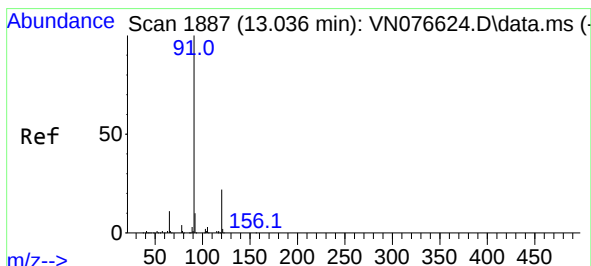
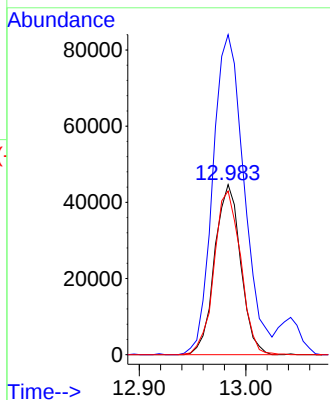
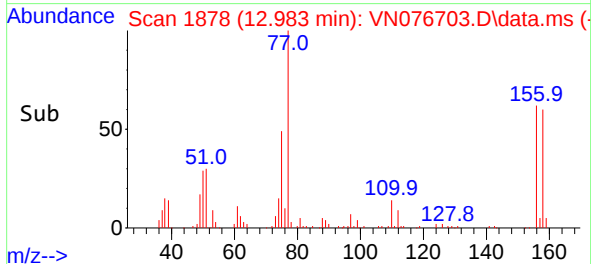
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



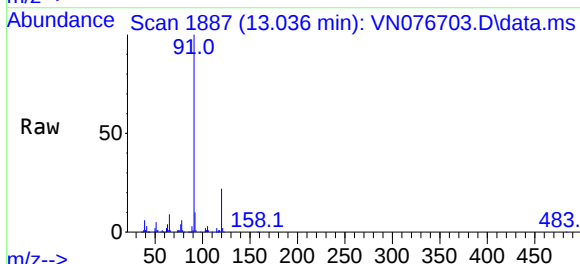
Tgt Ion:156 Resp: 7563
Ion Ratio Lower Upper
156 100
77 226.2 102.8 308.4
158 98.6 48.9 146.6

Manual Integrations
APPROVED

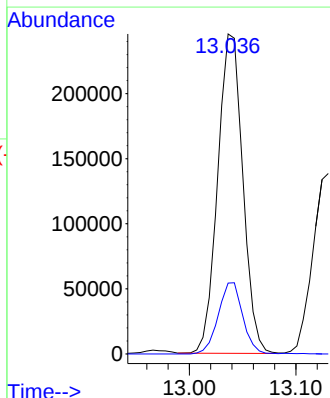
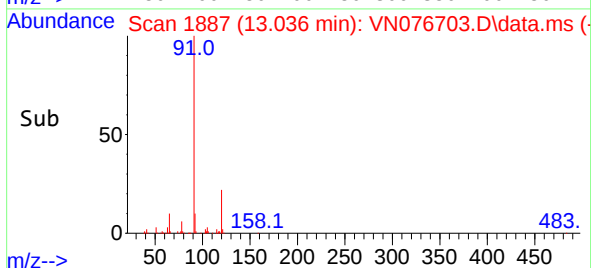
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

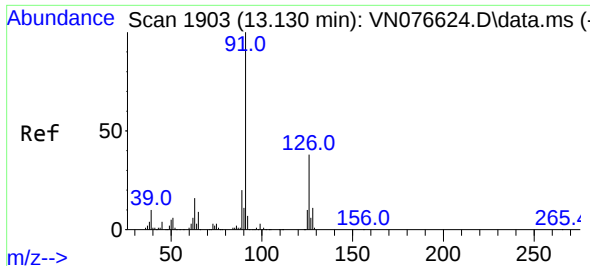


#78
n-propylbenzene
Concen: 20.981 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



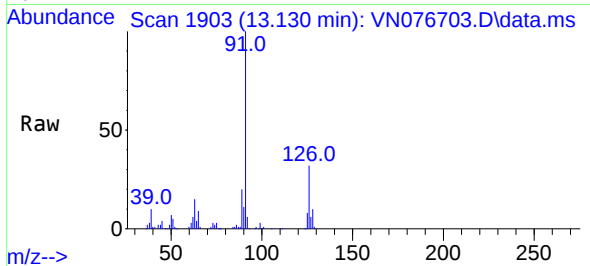
Tgt Ion: 91 Resp: 401764
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.5





#79
2-Chlorotoluene
Concen: 20.459 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

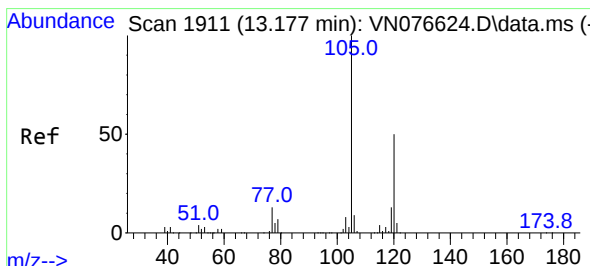
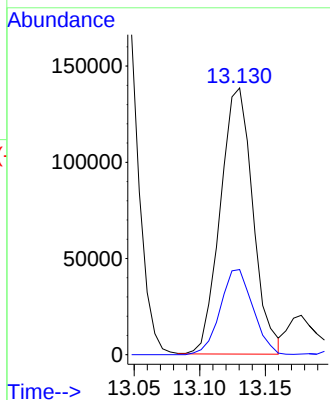
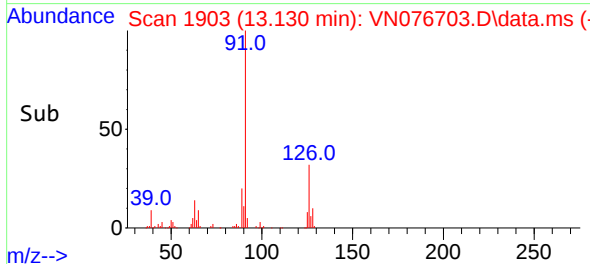
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



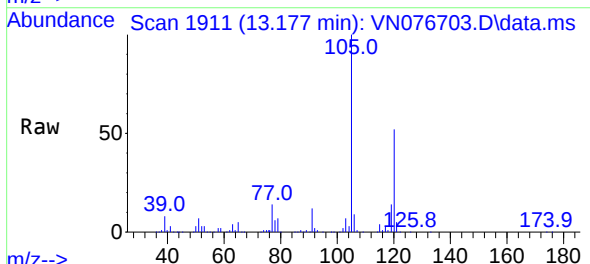
Tgt Ion: 91 Resp: 239870
Ion Ratio Lower Upper
91 100
126 32.0 17.7 53.1

Manual Integrations
APPROVED

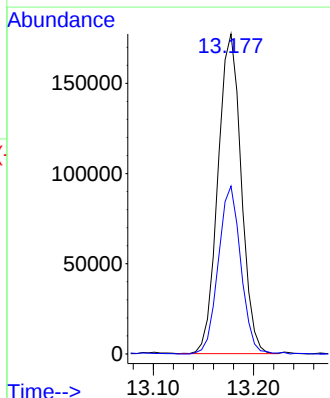
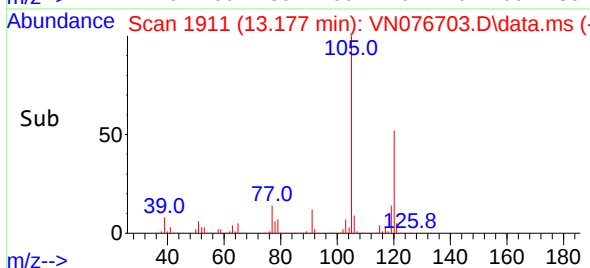
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

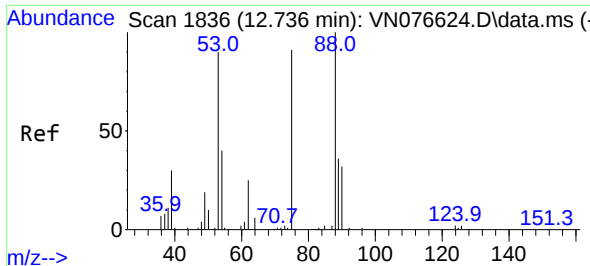


#80
1,3,5-Trimethylbenzene
Concen: 21.162 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



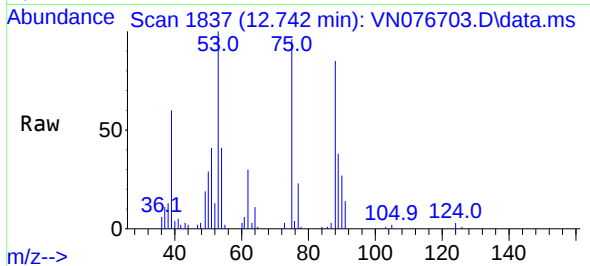
Tgt Ion:105 Resp: 285204
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.702 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

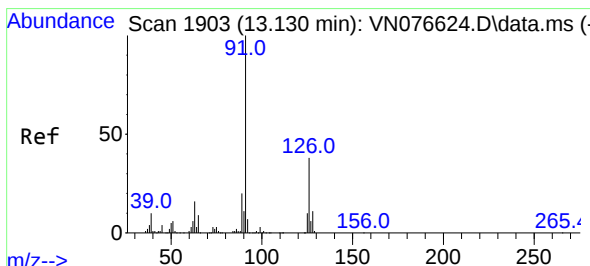
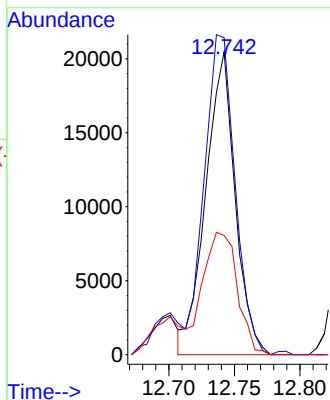
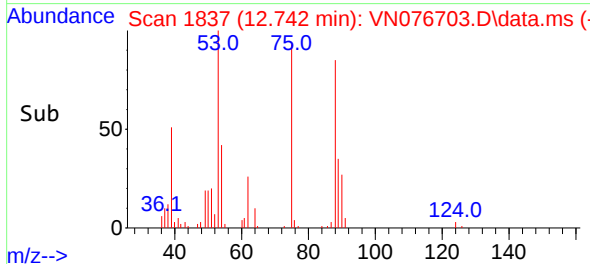
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



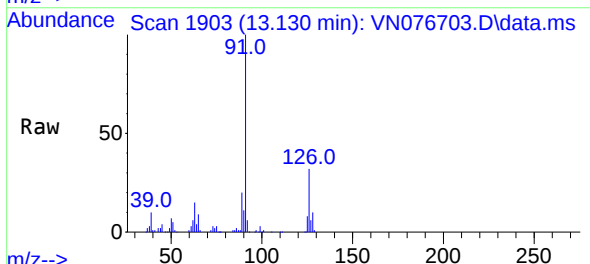
Tgt Ion: 75 Resp: 3197
Ion Ratio Lower Upper
75 100
53 109.4 92.1 138.1
89 47.3 37.5 56.3

Manual Integrations
APPROVED

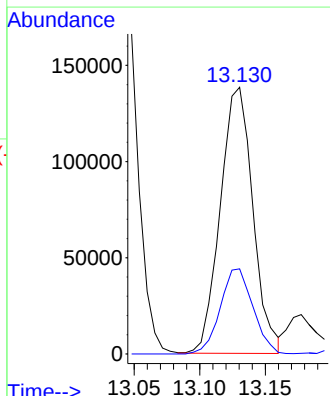
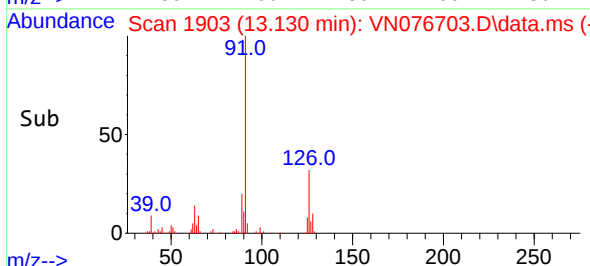
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

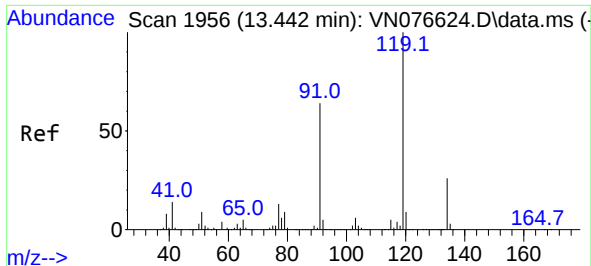


#82
4-Chlorotoluene
Concen: 20.459 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



Tgt Ion: 91 Resp: 239876
Ion Ratio Lower Upper
91 100
126 32.0 17.7 53.1





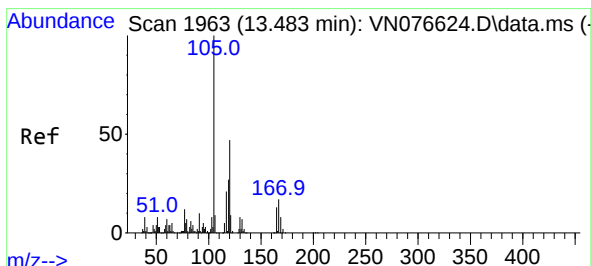
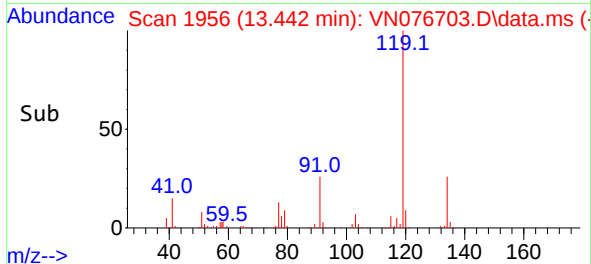
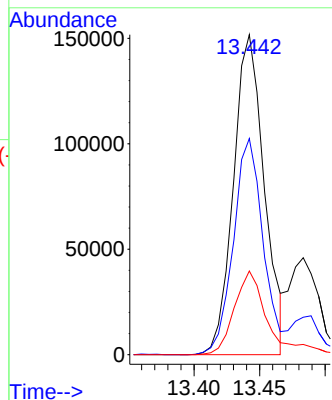
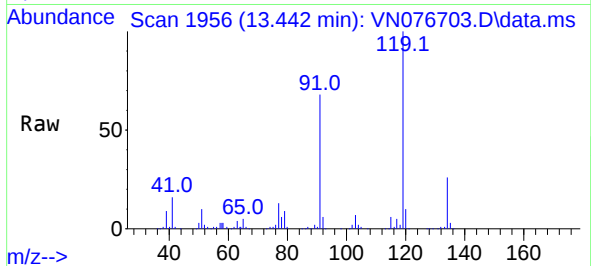
#83
tert-Butylbenzene
Concen: 20.401 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01

Tgt Ion:119 Resp: 248720
Ion Ratio Lower Upper
119 100
91 66.3 32.0 96.2
134 28.2 13.8 41.4

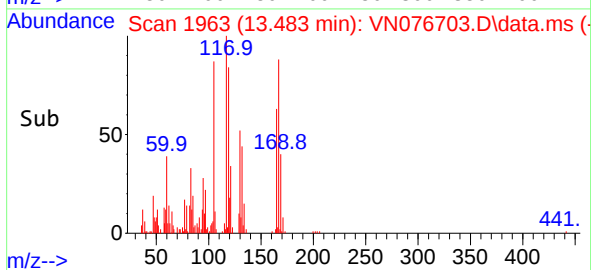
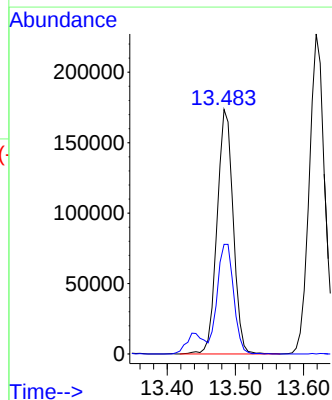
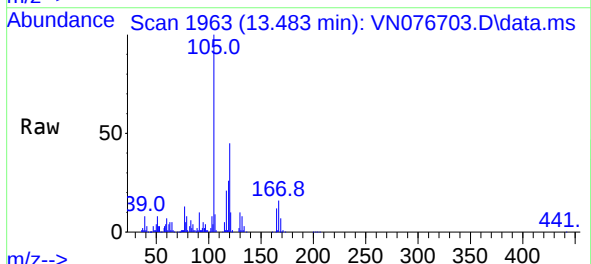
Manual Integrations
APPROVED

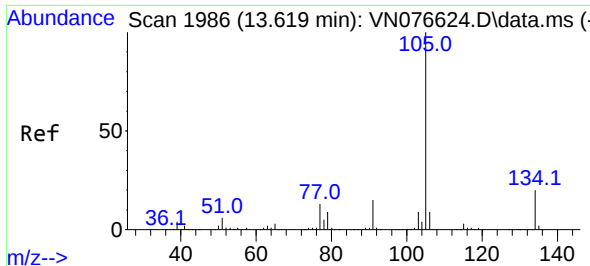
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.225 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

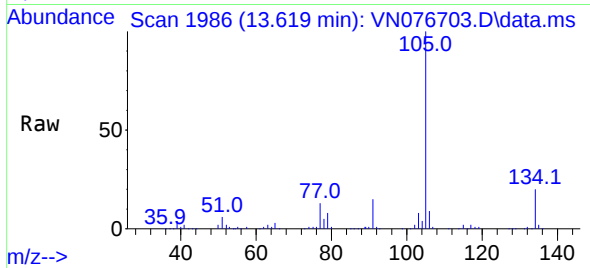
Tgt Ion:105 Resp: 285087
Ion Ratio Lower Upper
105 100
120 45.6 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 20.878 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076703.D
 Acq: 16 Feb 2023 11:41

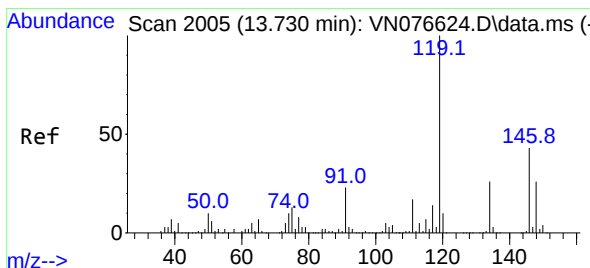
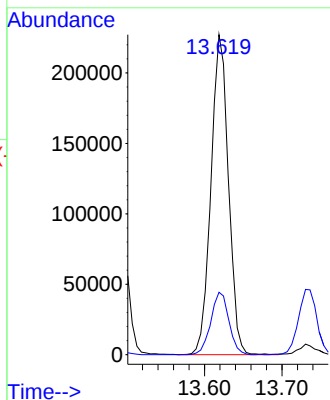
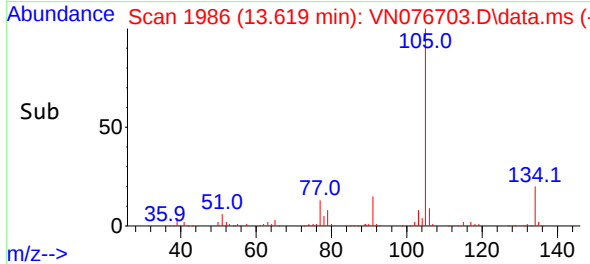
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBS01



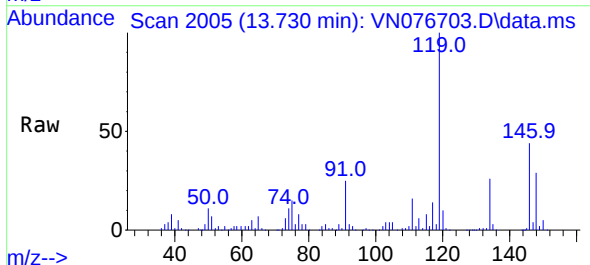
Tgt Ion:105 Resp: 355379
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.5

Manual Integrations
 APPROVED

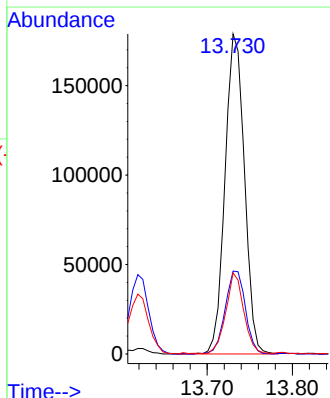
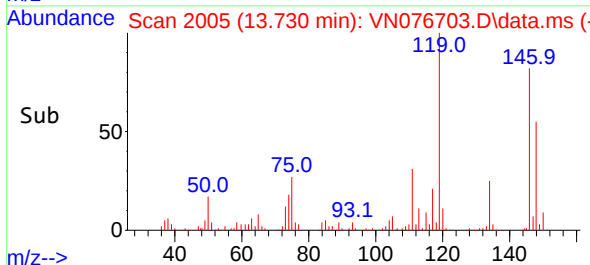
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023

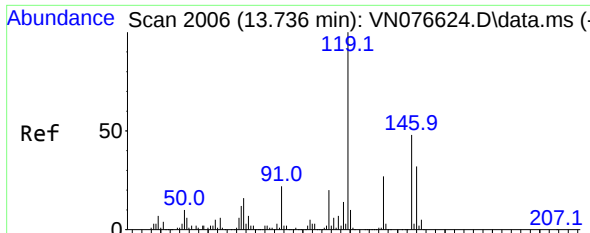


#86
 p-Isopropyltoluene
 Concen: 20.847 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076703.D
 Acq: 16 Feb 2023 11:41



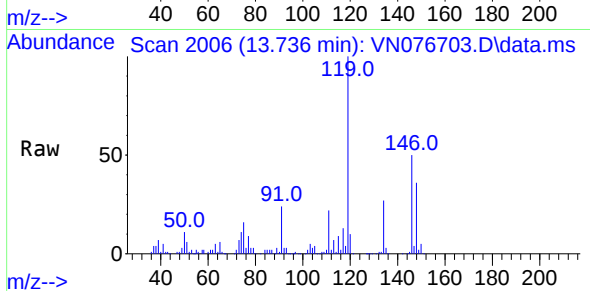
Tgt Ion:119 Resp: 283354
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.3 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 18.754 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

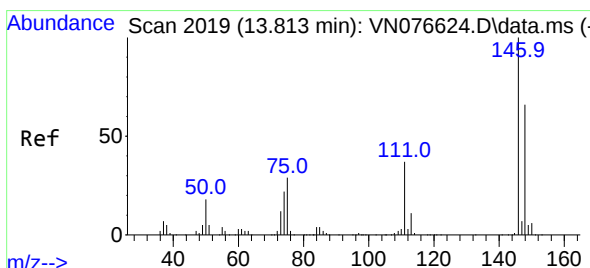
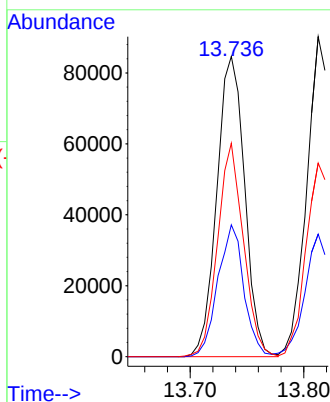
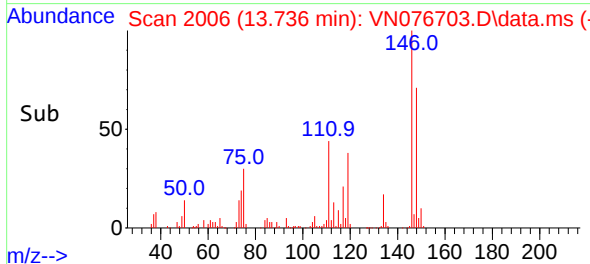
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



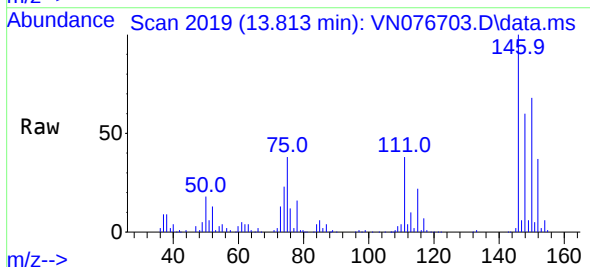
Tgt Ion:146 Resp: 144235
Ion Ratio Lower Upper
146 100
111 41.1 19.8 59.4
148 66.0 32.0 96.2

Manual Integrations
APPROVED

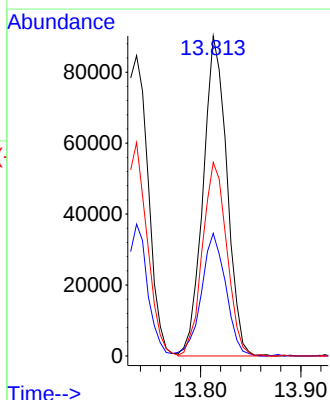
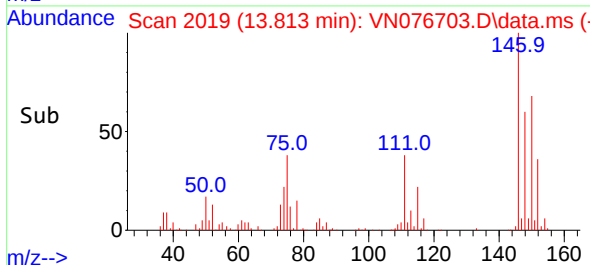
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

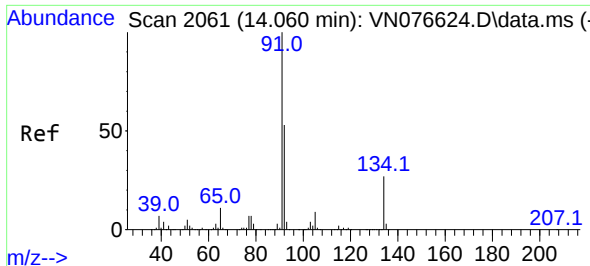


#88
1,4-Dichlorobenzene
Concen: 19.469 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



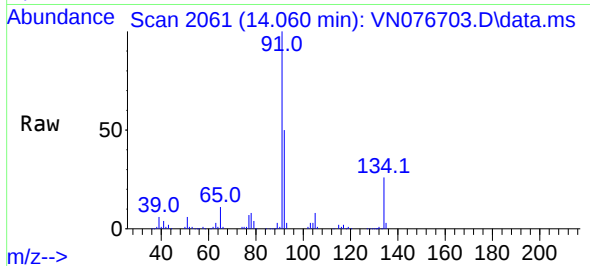
Tgt Ion:146 Resp: 149113
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.1
148 62.0 32.7 98.1





#89
n-Butylbenzene
Concen: 19.846 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

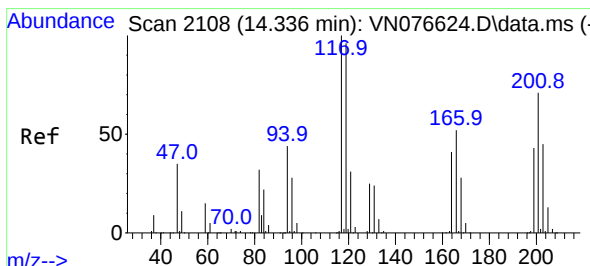
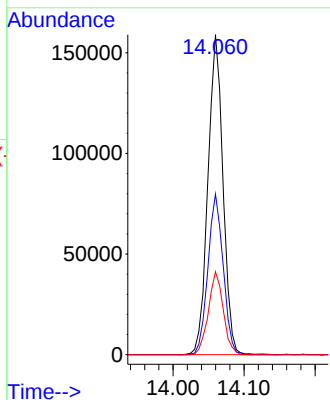
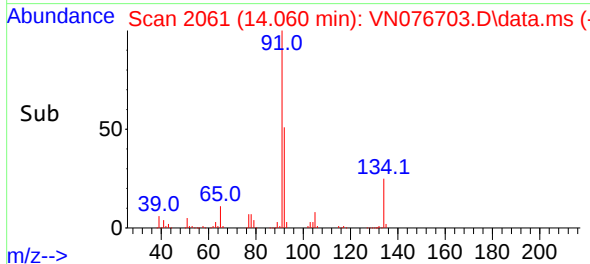
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



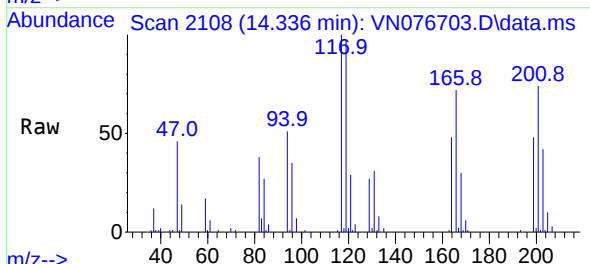
Tgt Ion: 91 Resp: 23461
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 25.5 13.2 39.5

Manual Integrations
APPROVED

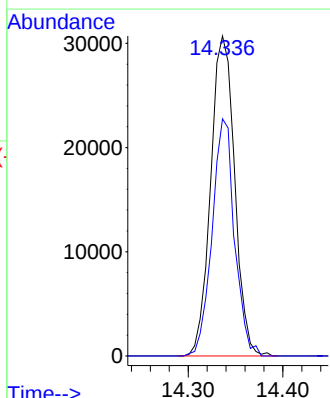
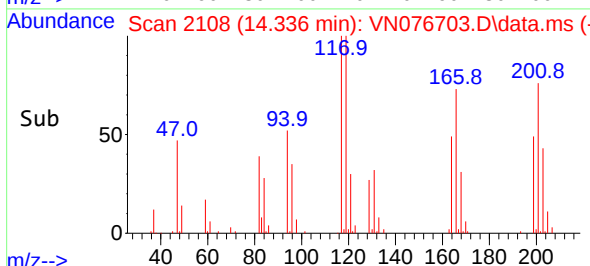
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

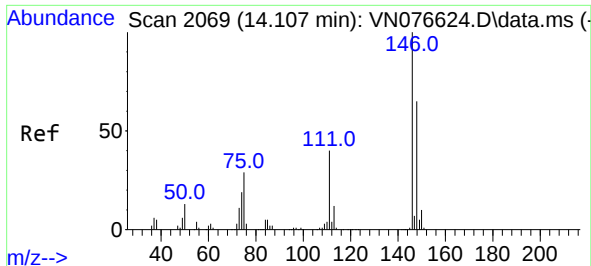


#90
Hexachloroethane
Concen: 18.944 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



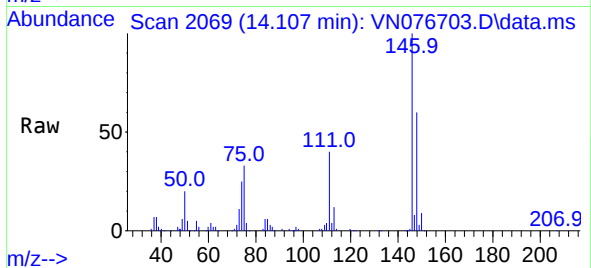
Tgt Ion:117 Resp: 53914
Ion Ratio Lower Upper
117 100
201 69.3 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 19.039 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

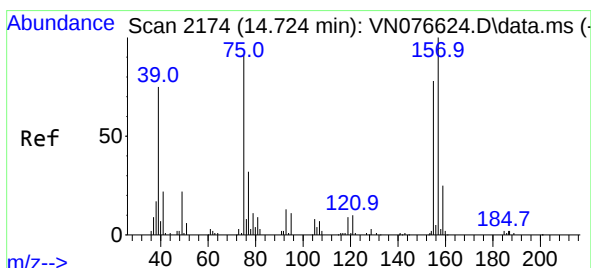
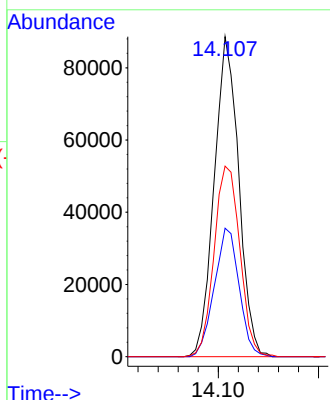
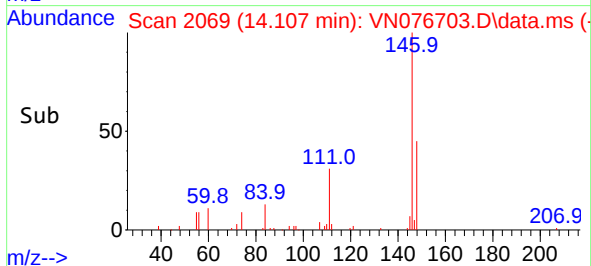
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01



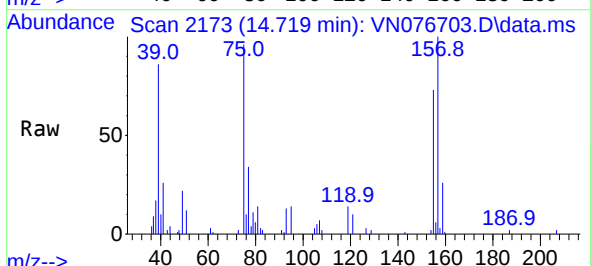
Tgt Ion:146 Resp: 150111
Ion Ratio Lower Upper
146 100
111 40.6 20.0 59.9
148 62.7 32.4 97.2

Manual Integrations
APPROVED

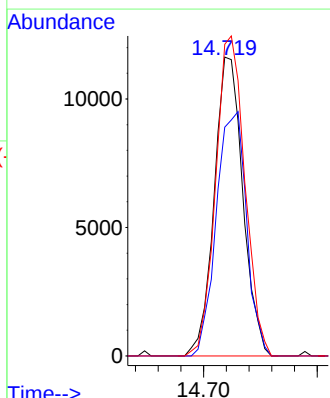
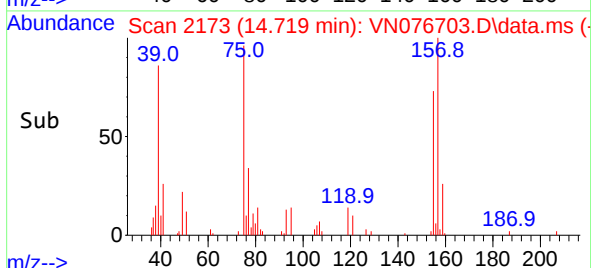
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

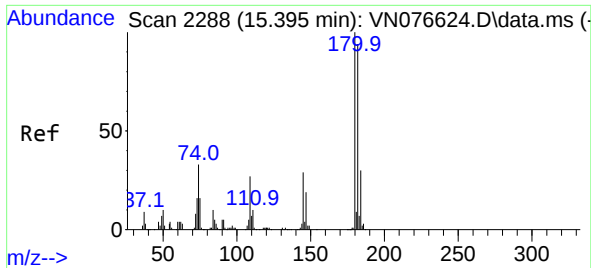


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.825 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41



Tgt Ion: 75 Resp: 20385
Ion Ratio Lower Upper
75 100
155 85.8 43.4 130.2
157 108.9 55.2 165.6





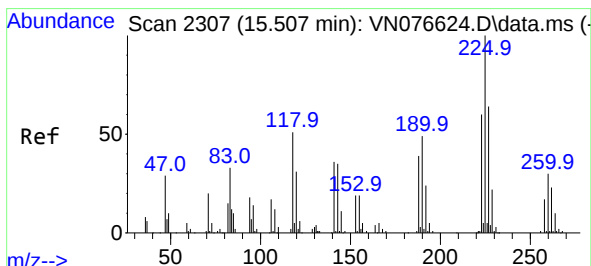
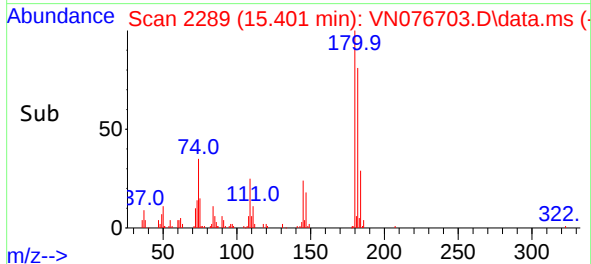
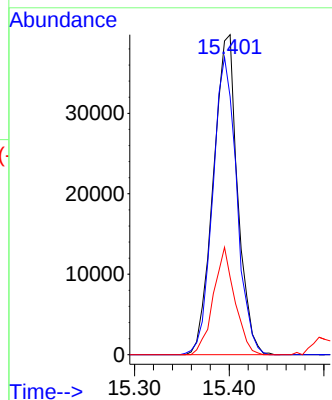
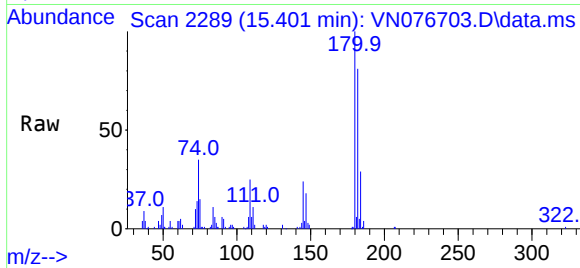
#93
1,2,4-Trichlorobenzene
Concen: 18.036 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01

Tgt Ion:180 Resp: 70934
Ion Ratio Lower Upper
180 100
182 91.7 48.0 144.0
145 29.5 15.2 45.6

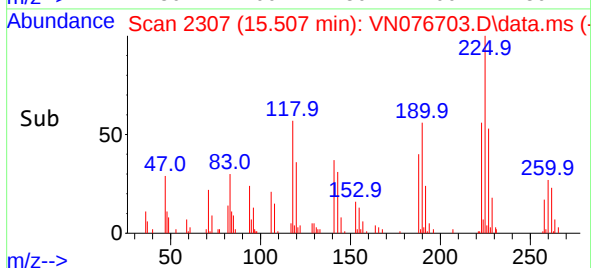
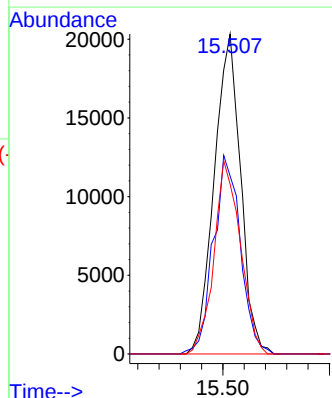
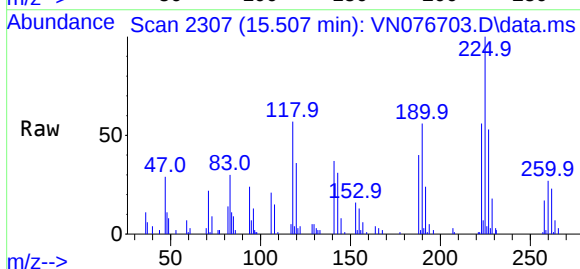
Manual Integrations
APPROVED

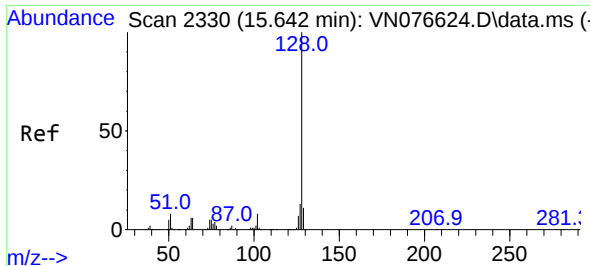
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#94
Hexachlorobutadiene
Concen: 18.103 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Tgt Ion:225 Resp: 34896
Ion Ratio Lower Upper
225 100
223 63.4 31.6 95.0
227 60.7 31.3 93.9





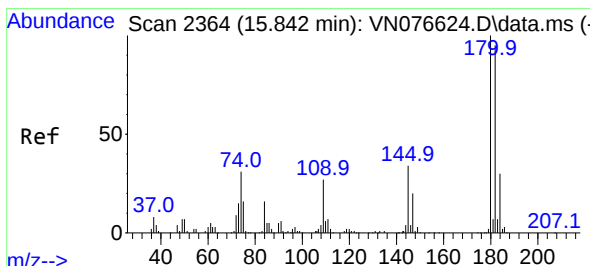
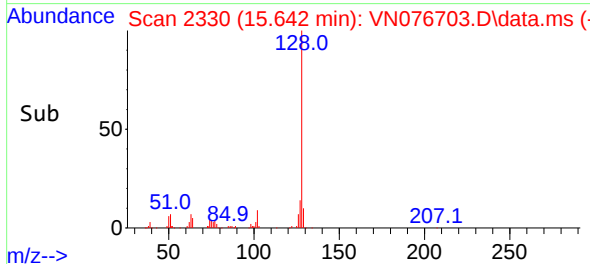
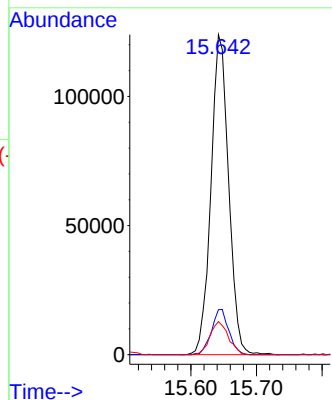
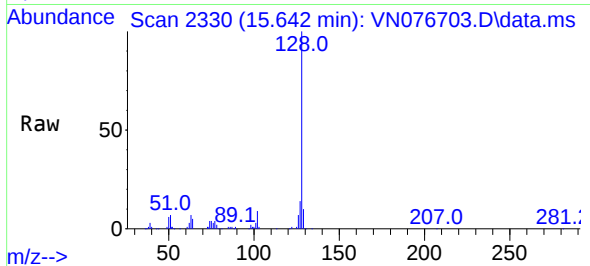
#95
Naphthalene
Concen: 19.421 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBS01

Tgt Ion:128 Resp: 231780
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.802 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076703.D
Acq: 16 Feb 2023 11:41

Tgt Ion:180 Resp: 67832
Ion Ratio Lower Upper
180 100
182 99.7 46.7 140.1
145 33.3 16.0 47.9

