

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076233.D
 Acq On : 12 Jan 2023 16:47
 Operator : JC\MD
 Sample : VN0112WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD02

Quant Time: Jan 13 05:19:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	316695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	448038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173813	50.449	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.900%			
35) Dibromofluoromethane	8.171	113	157487	50.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	10.571	98	547928	46.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.180%			
62) 4-Bromofluorobenzene	12.853	95	190581	48.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	54172	24.091	ug/l	98
3) Chloromethane	2.371	50	54107	19.351	ug/l	96
4) Vinyl Chloride	2.530	62	65240	19.560	ug/l	100
5) Bromomethane	2.965	94	54997	19.402	ug/l	93
6) Chloroethane	3.130	64	48695	19.715	ug/l	98
7) Trichlorofluoromethane	3.512	101	97212	19.208	ug/l	100
8) Diethyl Ether	3.977	74	39081	21.142	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	56029	19.387	ug/l	99
10) Methyl Iodide	4.600	142	86320	18.405	ug/l	99
11) Tert butyl alcohol	5.536	59	43429	89.083	ug/l	98
12) 1,1-Dichloroethene	4.353	96	51767	18.443	ug/l	93
13) Acrolein	4.189	56	63200	105.743	ug/l	99
14) Allyl chloride	5.036	41	60697	18.499	ug/l	90
15) Acrylonitrile	5.730	53	131773	99.048	ug/l	98
16) Acetone	4.442	43	103228	86.916	ug/l	96
17) Carbon Disulfide	4.724	76	110632	16.279	ug/l	100
18) Methyl Acetate	5.036	43	76581	21.814	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	204784	22.155	ug/l	97
20) Methylene Chloride	5.289	84	64145	19.803	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	56465	18.369	ug/l	90
22) Diisopropyl ether	6.683	45	164325	20.616	ug/l	98
23) Vinyl Acetate	6.612	43	500428	93.277	ug/l	98
24) 1,1-Dichloroethane	6.577	63	104830	19.720	ug/l	99
25) 2-Butanone	7.494	43	162533	97.737	ug/l	95
26) 2,2-Dichloropropane	7.494	77	78036	17.335	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	69709	18.961	ug/l	96
28) Bromochloromethane	7.818	49	46193	19.826	ug/l	100
29) Tetrahydrofuran	7.841	42	101817	97.700	ug/l	98
30) Chloroform	7.971	83	114576	19.143	ug/l	93
31) Cyclohexane	8.265	56	89261	18.090	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	99797	18.808	ug/l	98
36) 1,1-Dichloropropene	8.377	75	76551	18.320	ug/l	98
37) Ethyl Acetate	7.565	43	71517	21.308	ug/l	96
38) Carbon Tetrachloride	8.371	117	85863	18.360	ug/l	97
39) Methylcyclohexane	9.606	83	96713	19.185	ug/l	98
40) Benzene	8.612	78	246606	19.128	ug/l	99

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 Supervised By : Mahesh Dadoda 01/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	36177	20.736	ug/l	97
42) 1,2-Dichloroethane	8.677	62	86632	20.212	ug/l	100
43) Isopropyl Acetate	8.694	43	111592	20.155	ug/l	99
44) Trichloroethene	9.359	130	68245	18.790	ug/l	96
45) 1,2-Dichloropropane	9.624	63	61056	19.462	ug/l	95
46) Dibromomethane	9.712	93	45537	19.570	ug/l	98
47) Bromodichloromethane	9.894	83	87925	19.268	ug/l #	97
48) Methyl methacrylate	9.682	41	53342	21.391	ug/l	97
49) 1,4-Dioxane	9.694	88	22256	363.040	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	343799	102.678	ug/l	99
52) Toluene	10.629	92	160838	19.156	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	85353	19.108	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	96318	19.639	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	65810	19.969	ug/l	99
56) Ethyl methacrylate	10.876	69	90201	20.606	ug/l	97
57) 1,3-Dichloropropane	11.165	76	107956	19.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	167476	120.166	ug/l	99
59) 2-Hexanone	11.200	43	245269	100.445	ug/l	98
60) Dibromochloromethane	11.359	129	71780	19.585	ug/l	99
61) 1,2-Dibromoethane	11.470	107	65685	19.695	ug/l	99
64) Tetrachloroethene	11.106	164	78338	24.848	ug/l	97
65) Chlorobenzene	11.894	112	172222	18.728	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	65456	19.217	ug/l	99
67) Ethyl Benzene	11.965	91	297805	19.188	ug/l	96
68) m/p-Xylenes	12.076	106	240001	39.070	ug/l	99
69) o-Xylene	12.400	106	119687	19.688	ug/l	99
70) Styrene	12.412	104	193020	19.969	ug/l	99
71) Bromoform	12.582	173	48325	19.498	ug/l #	97
73) Isopropylbenzene	12.700	105	306332	19.914	ug/l	99
74) N-amyl acetate	12.494	43	90156	19.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	86992	18.294	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	81634m	19.025	ug/l	
77) Bromobenzene	12.982	156	75239	19.327	ug/l	96
78) n-propylbenzene	13.035	91	340903	20.093	ug/l	99
79) 2-Chlorotoluene	13.129	91	208536	19.690	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	258000	20.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25871	21.703	ug/l #	93
82) 4-Chlorotoluene	13.129	91	208536	19.690	ug/l	100
83) tert-Butylbenzene	13.441	119	233856	20.602	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	259903	20.350	ug/l	99
85) sec-Butylbenzene	13.617	105	314398	20.067	ug/l	98
86) p-Isopropyltoluene	13.729	119	265289	20.350	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	136085	18.924	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	135526	18.449	ug/l	99
89) n-Butylbenzene	14.059	91	205414	19.450	ug/l	99
90) Hexachloroethane	14.335	117	43523	18.664	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	137054	19.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15201	18.015	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	65290	18.619	ug/l	100
94) Hexachlorobutadiene	15.500	225	34558	18.063	ug/l	97
95) Naphthalene	15.647	128	196737	18.420	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	63518	19.380	ug/l	97

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ClientSampleId :
VN0112WBSD02

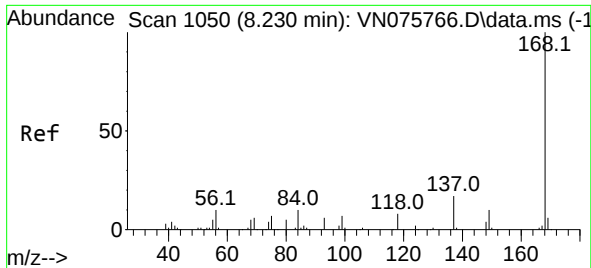
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 13 05:19:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
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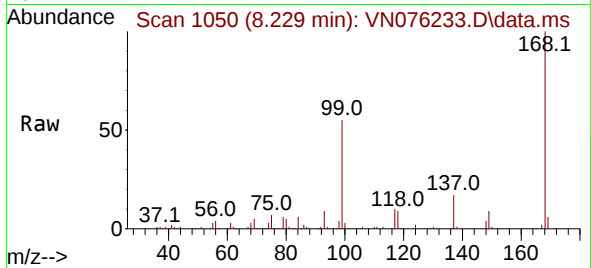
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076233.D
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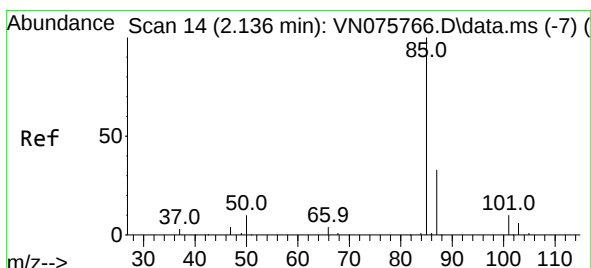
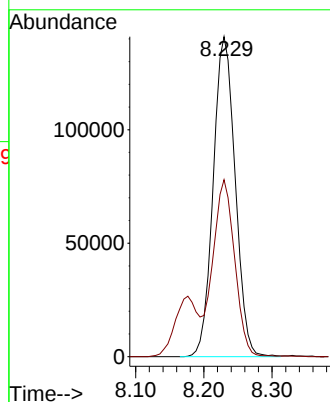
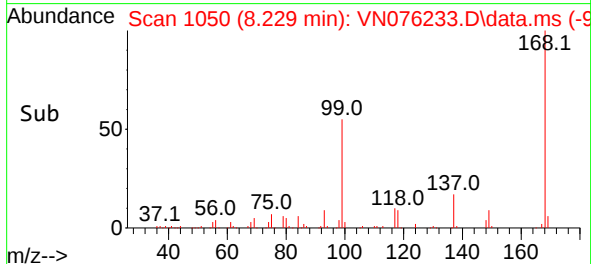
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion:168 Resp: 31669
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4

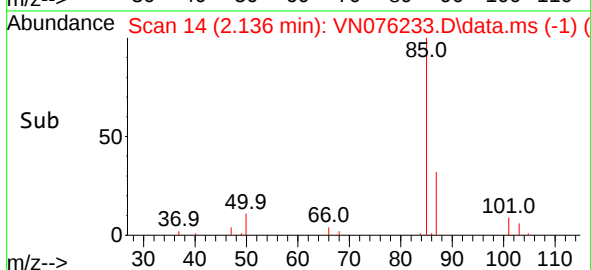
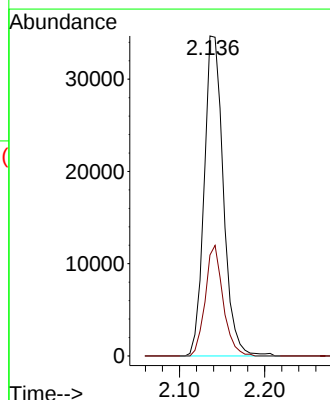
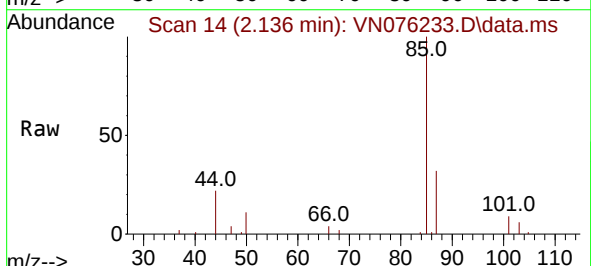
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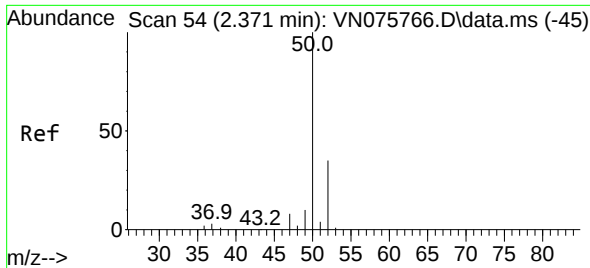
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#2
Dichlorodifluoromethane
Concen: 24.091 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion: 85 Resp: 54172
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





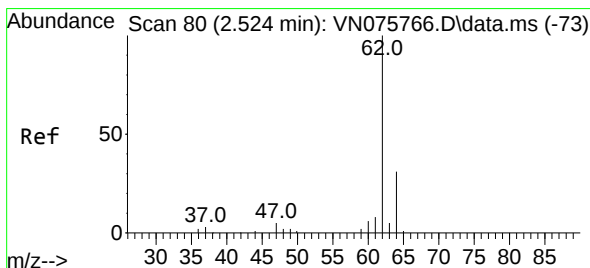
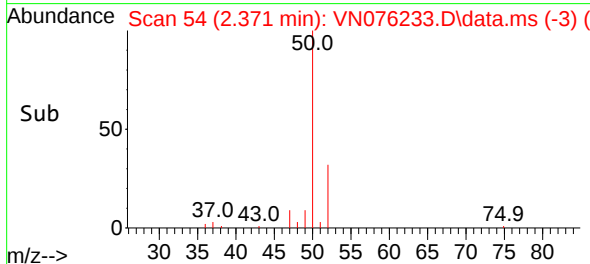
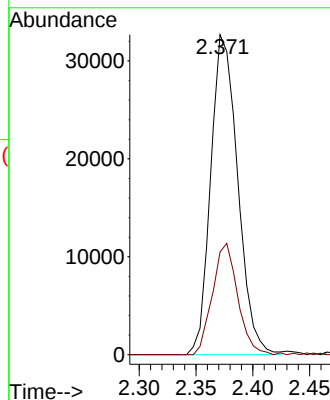
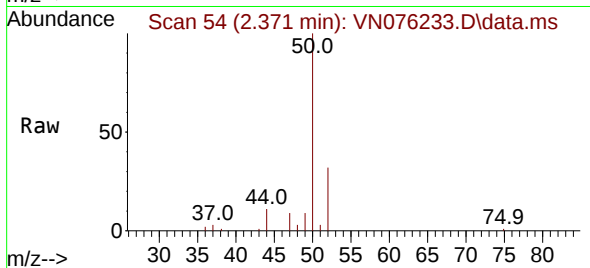
#3
Chloromethane
Concen: 19.351 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076233.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5410
Ion Ratio Lower Upper
50 100
52 32.1 27.7 41.5

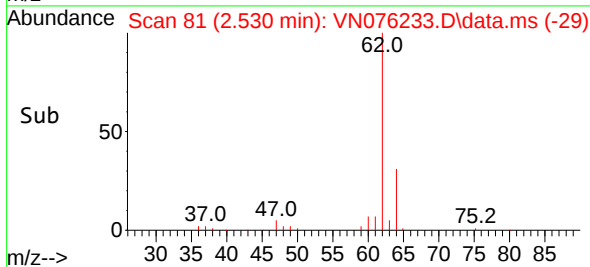
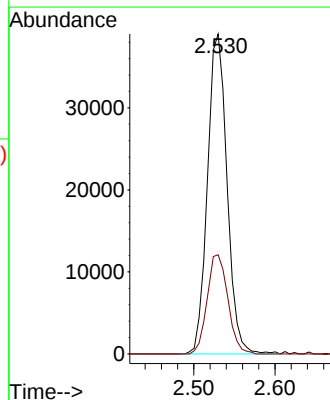
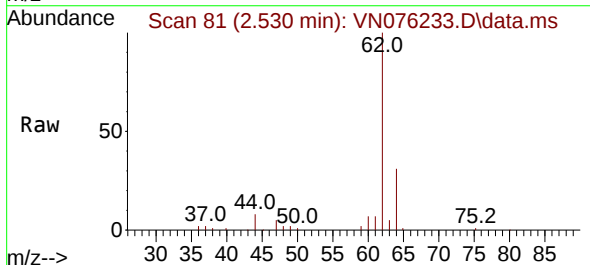
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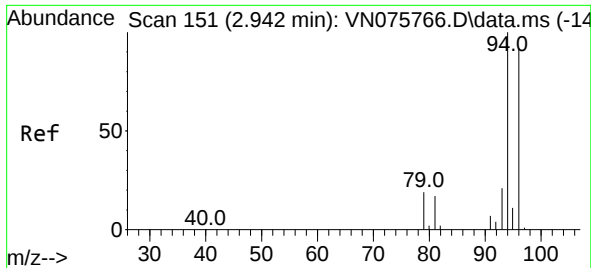
Reviewed By :John Carlone 01/13/2023
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#4
Vinyl Chloride
Concen: 19.560 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion: 62 Resp: 65240
Ion Ratio Lower Upper
62 100
64 31.0 24.9 37.3





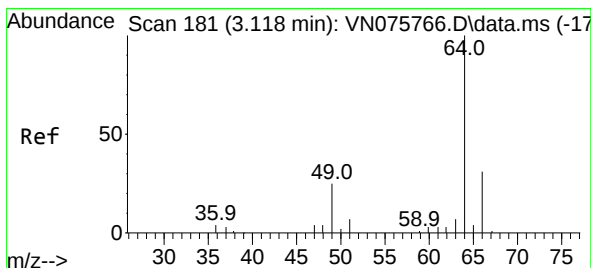
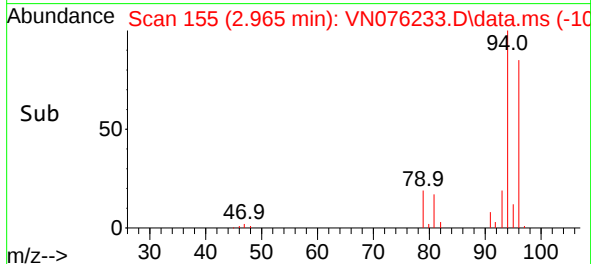
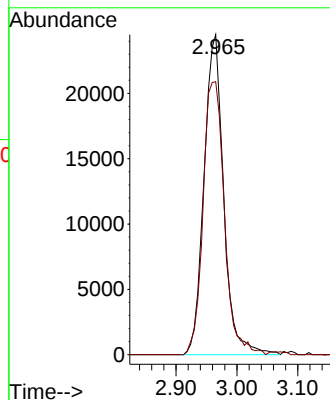
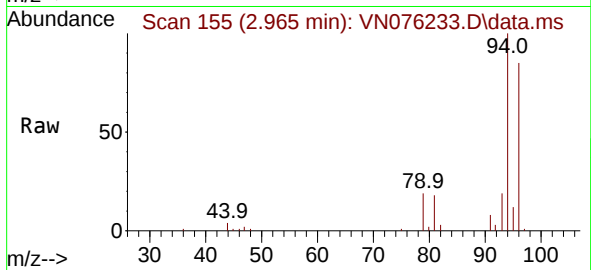
#5
Bromomethane
Concen: 19.402 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
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Tgt Ion: 94 Resp: 5499
Ion Ratio Lower Upper
94 100
96 85.3 73.8 110.6

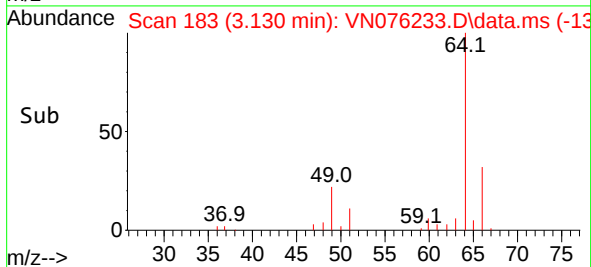
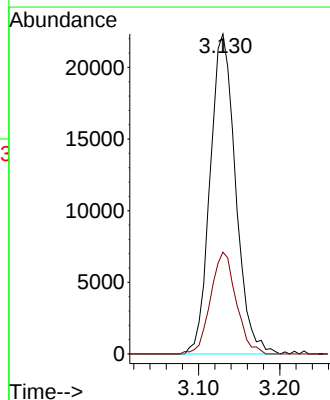
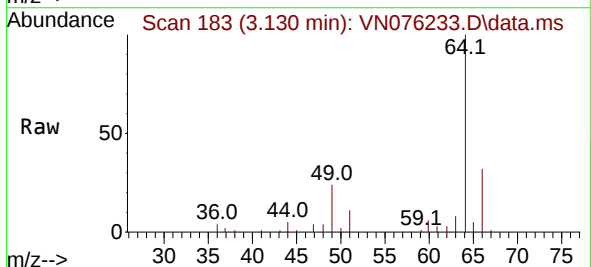
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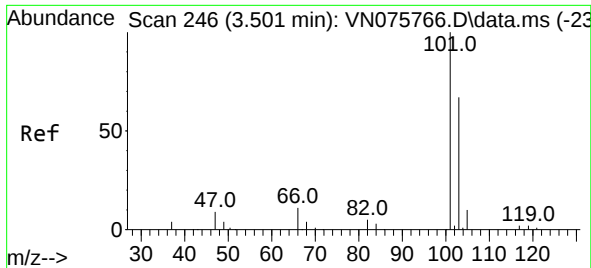
Reviewed By :John Carlone 01/13/2023
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#6
Chloroethane
Concen: 19.715 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion: 64 Resp: 48695
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





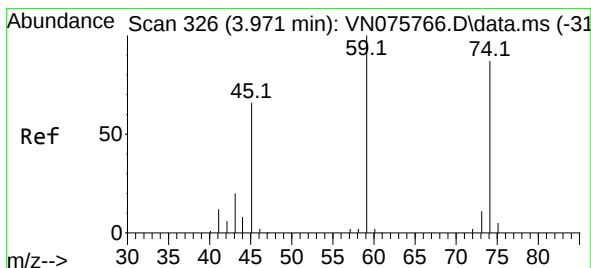
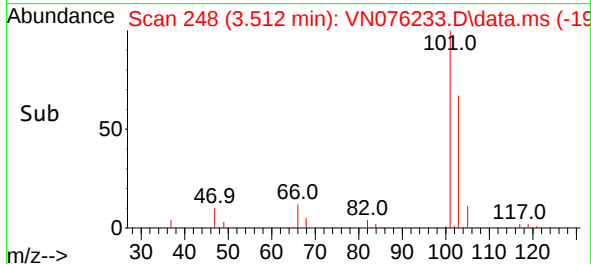
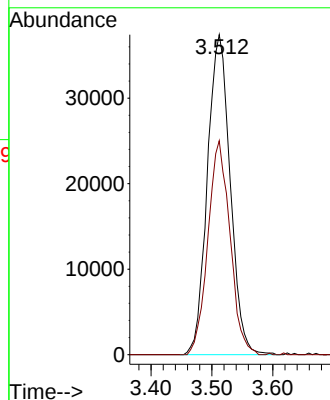
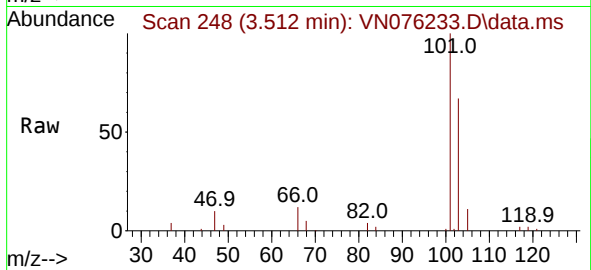
#7
Trichlorofluoromethane
Concen: 19.208 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion:101 Resp: 9721
Ion Ratio Lower Upper
101 100
103 66.9 53.4 80.2

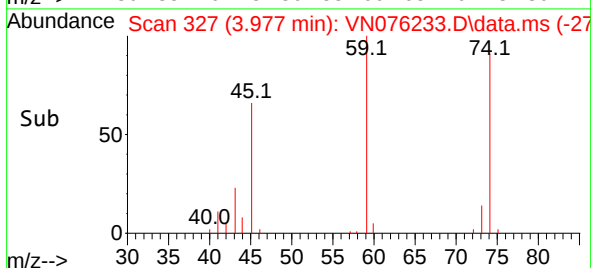
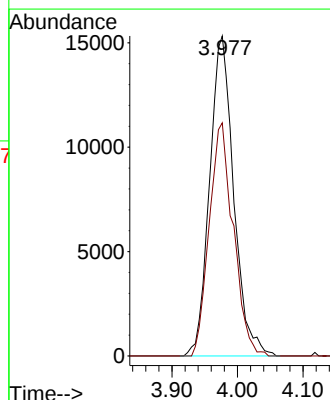
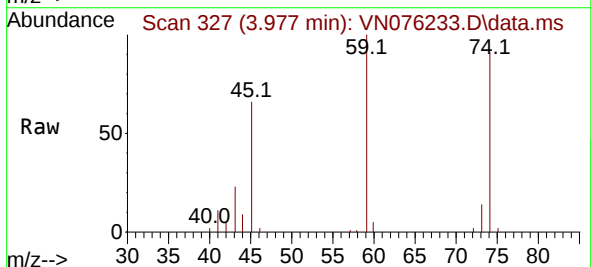
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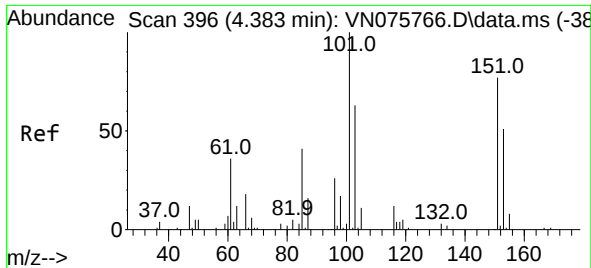
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#8
Diethyl Ether
Concen: 21.142 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion: 74 Resp: 39081
Ion Ratio Lower Upper
74 100
45 72.8 37.8 113.4





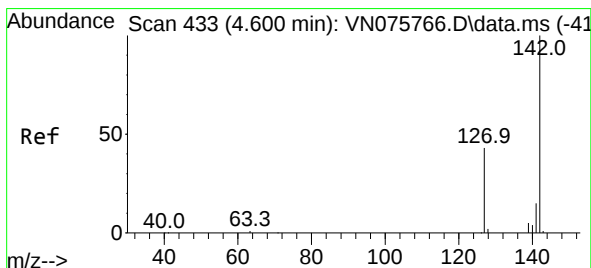
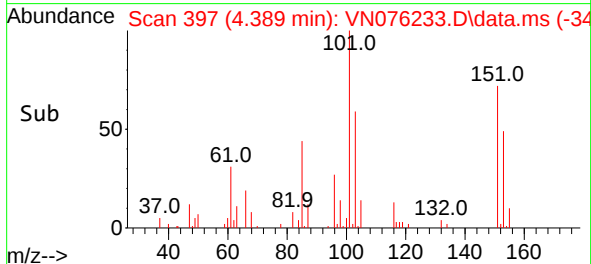
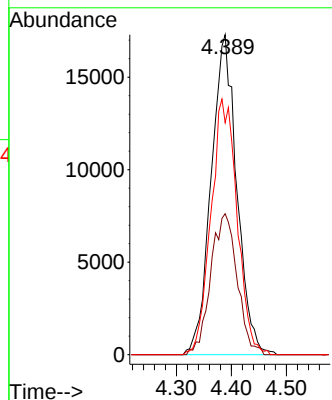
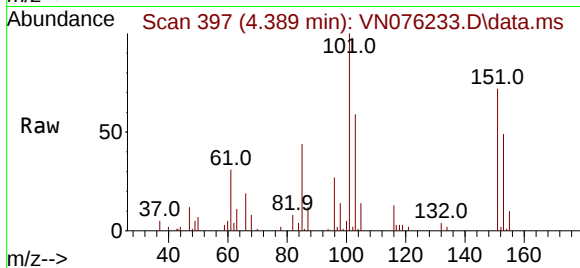
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.387 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion:101 Resp: 56029
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 81.5 65.6 98.4

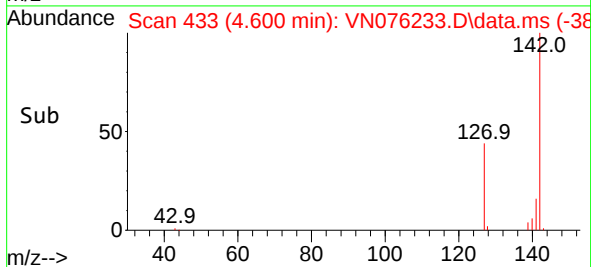
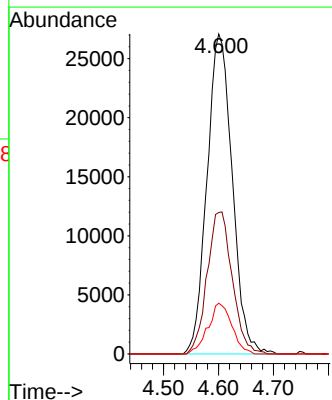
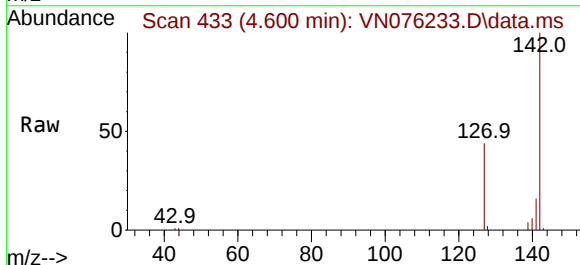
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#10
Methyl Iodide
Concen: 18.405 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

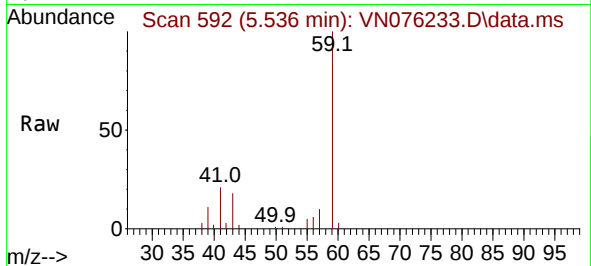
Tgt Ion:142 Resp: 86320
Ion Ratio Lower Upper
142 100
127 44.1 34.7 52.1
141 15.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 89.083 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

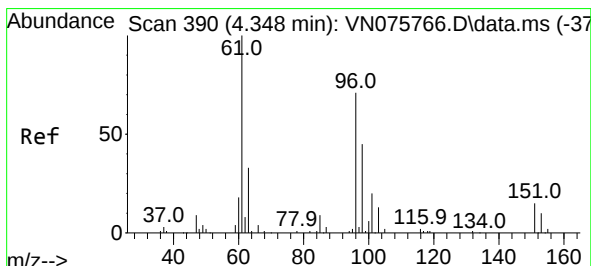
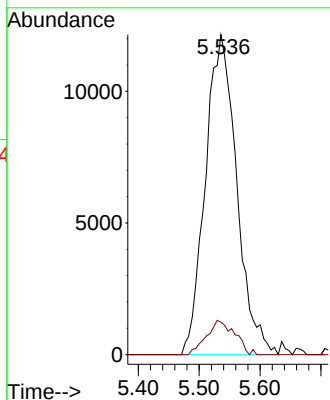
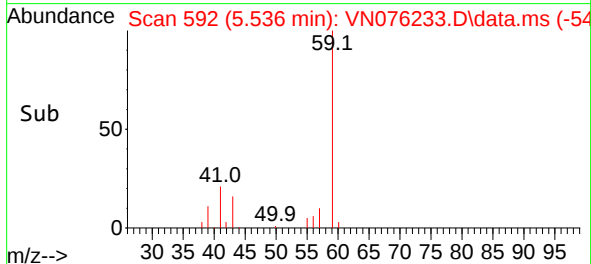
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



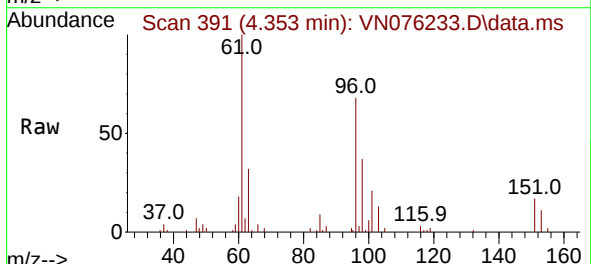
Tgt Ion: 59 Resp: 43429
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4

Manual Integrations
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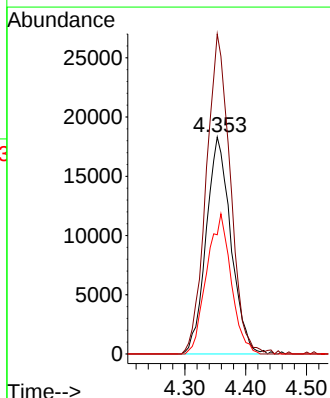
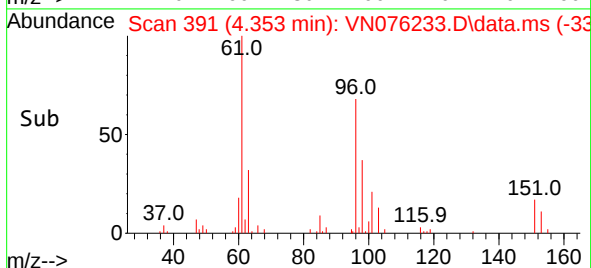
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#12
1,1-Dichloroethene
Concen: 18.443 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



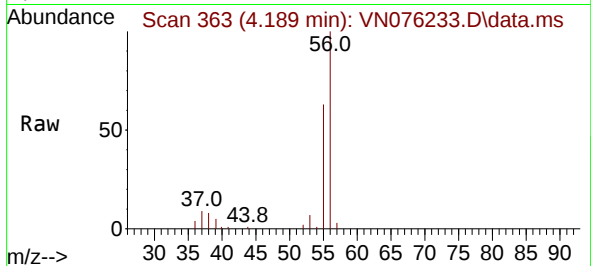
Tgt Ion: 96 Resp: 51767
Ion Ratio Lower Upper
96 100
61 147.5 113.3 169.9
98 54.9 50.9 76.3





#13
Acrolein
Concen: 105.743 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

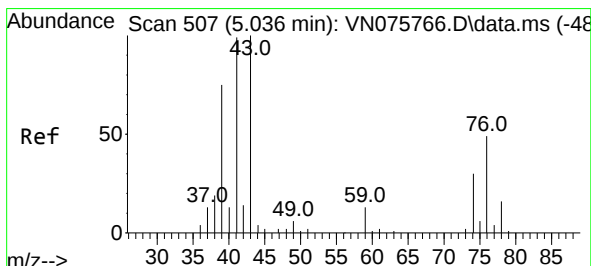
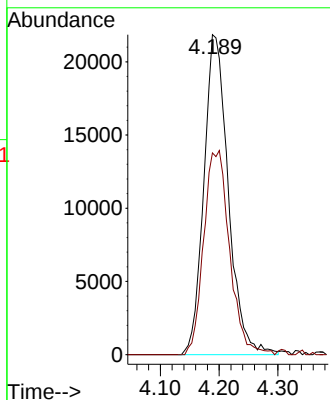
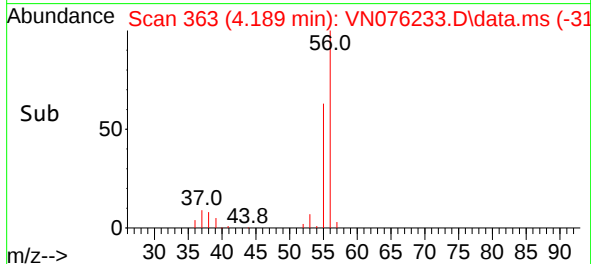
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion: 56 Resp: 63200
Ion Ratio Lower Upper
56 100
55 67.5 54.8 82.2

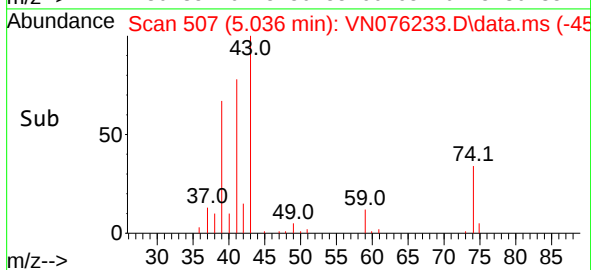
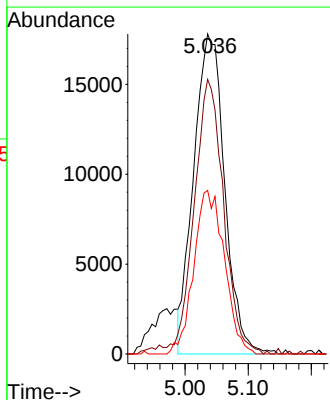
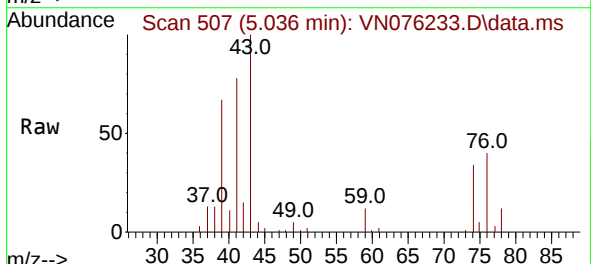
Manual Integrations
APPROVED

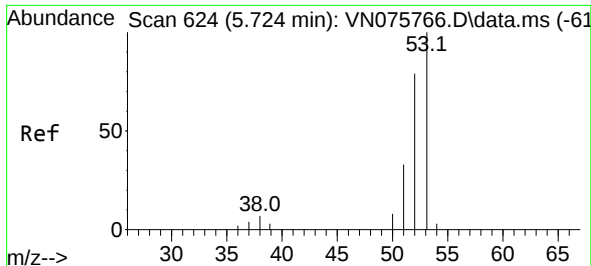
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#14
Allyl chloride
Concen: 18.499 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

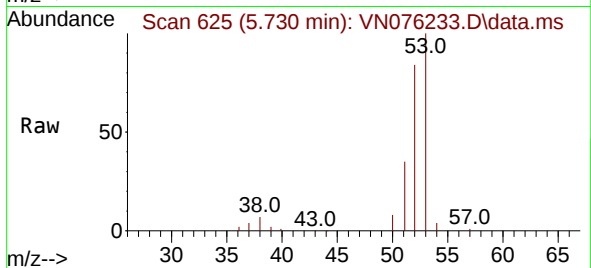
Tgt Ion: 41 Resp: 60697
Ion Ratio Lower Upper
41 100
39 82.6 58.3 87.5
76 50.4 35.8 53.6





#15
Acrylonitrile
Concen: 99.048 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

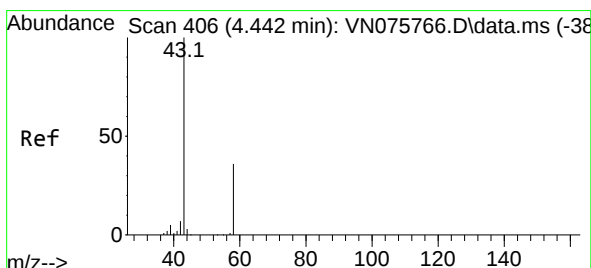
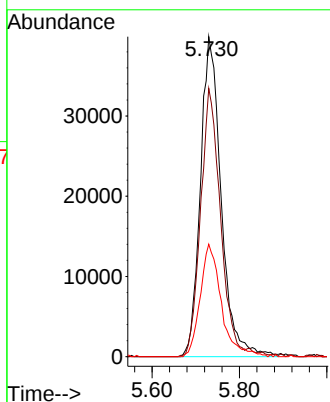
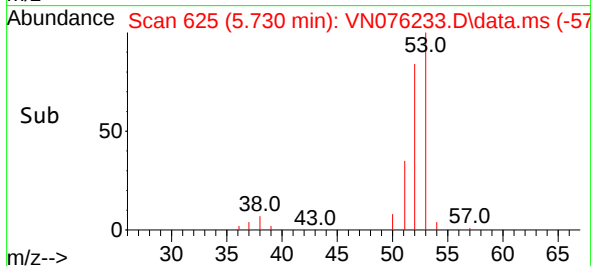
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion: 53 Resp: 13177
Ion Ratio Lower Upper
53 100
52 79.8 65.4 98.0
51 35.7 28.9 43.3

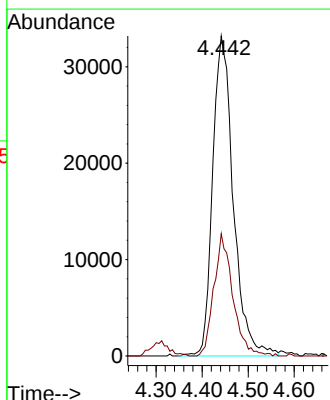
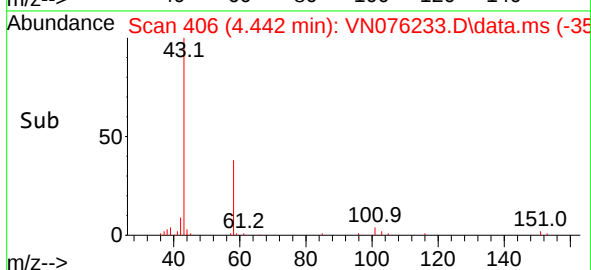
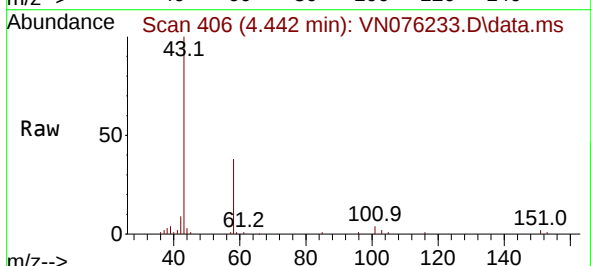
Manual Integrations
APPROVED

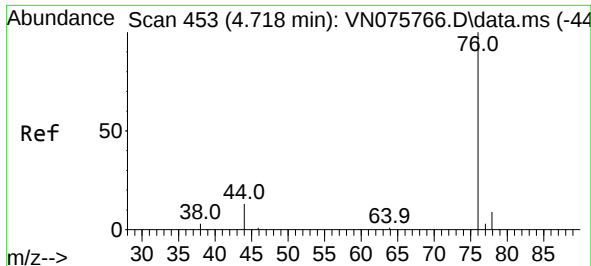
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#16
Acetone
Concen: 86.916 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

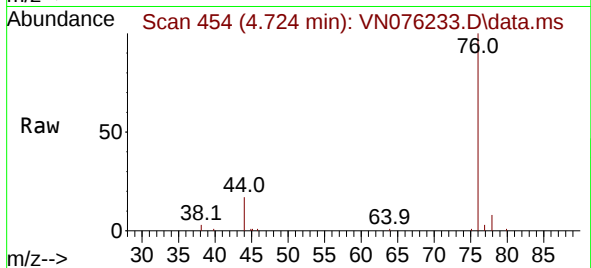
Tgt Ion: 43 Resp: 103228
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0





#17
Carbon Disulfide
Concen: 16.279 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

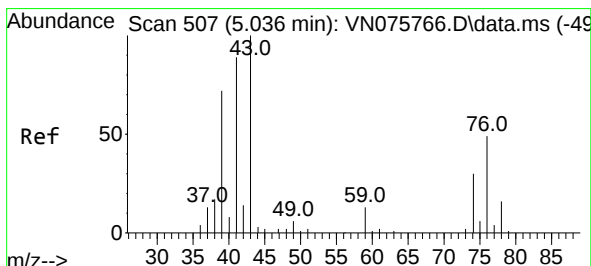
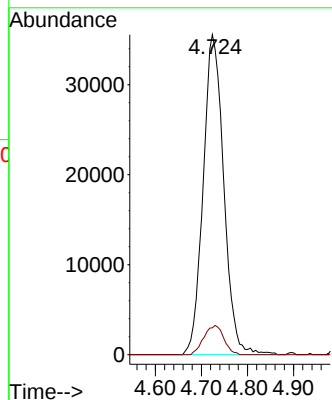
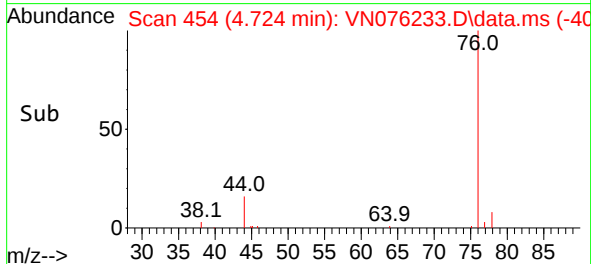
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion: 76 Resp: 11063
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

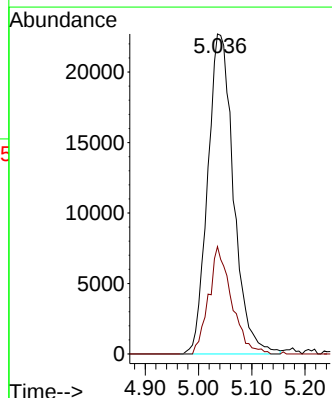
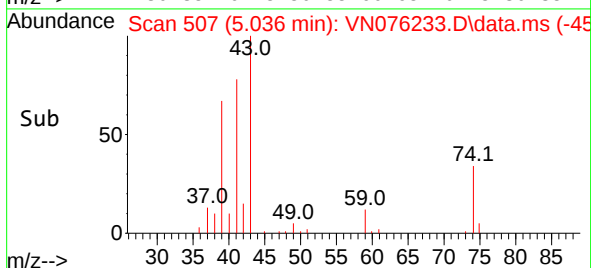
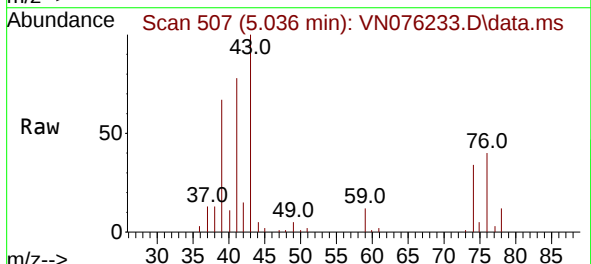
Manual Integrations
APPROVED

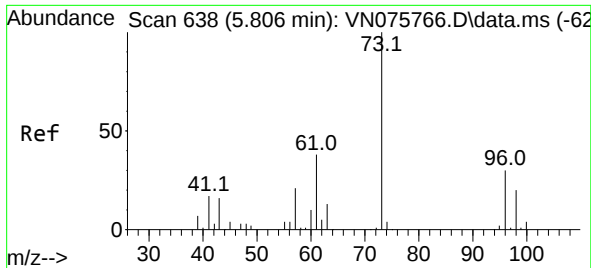
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#18
Methyl Acetate
Concen: 21.814 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion: 43 Resp: 76581
Ion Ratio Lower Upper
43 100
74 29.8 23.6 35.4





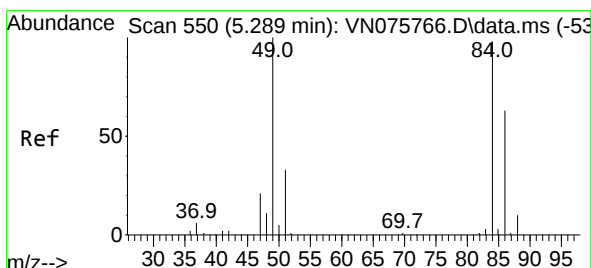
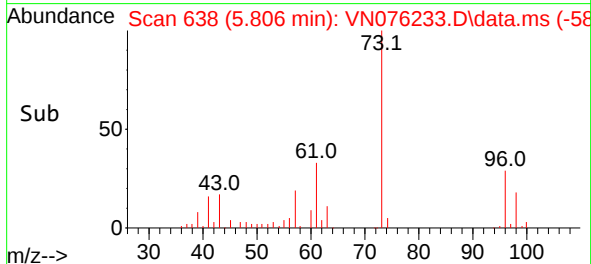
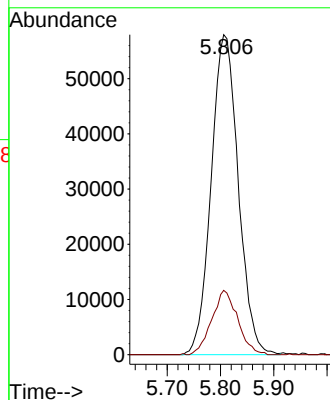
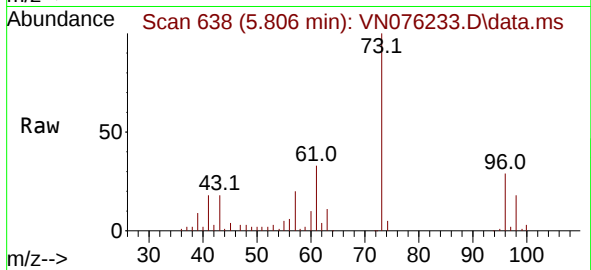
#19
Methyl tert-butyl Ether
Concen: 22.155 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion: 73 Resp: 204784
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7

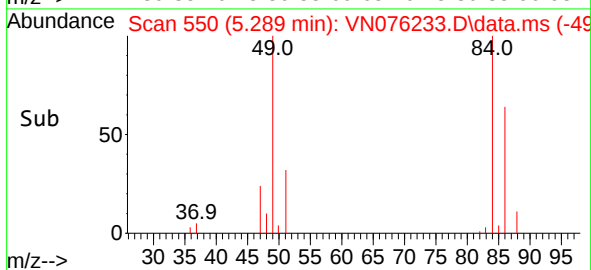
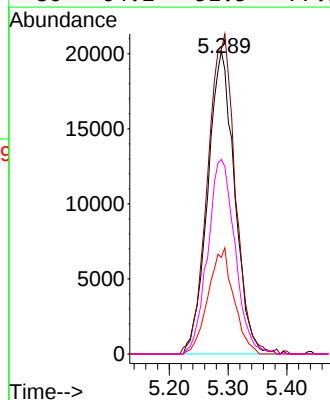
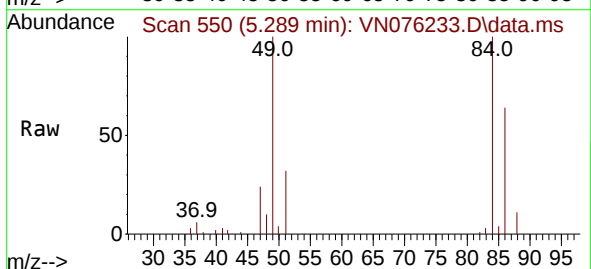
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#20
Methylene Chloride
Concen: 19.803 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion: 84 Resp: 64145
Ion Ratio Lower Upper
84 100
49 100.3 81.8 122.6
51 31.9 26.7 40.1
86 64.2 51.5 77.3





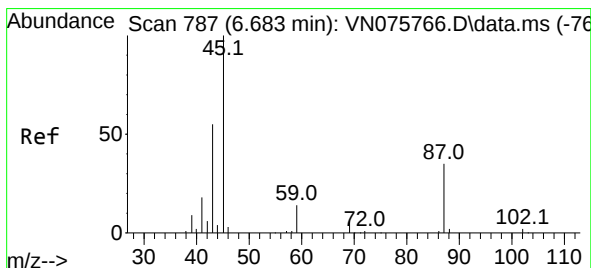
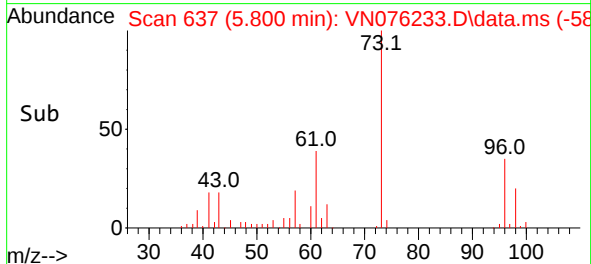
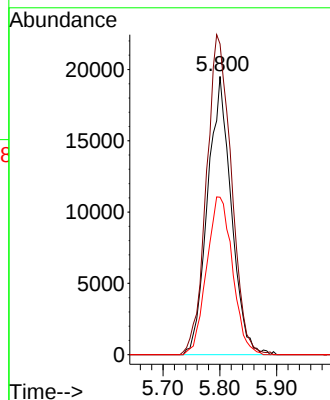
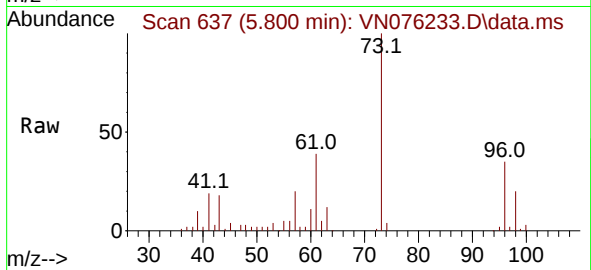
#21
trans-1,2-Dichloroethene
Concen: 18.369 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion: 96 Resp: 5646
Ion Ratio Lower Upper
96 100
61 111.6 98.1 147.1
98 56.6 51.4 77.2

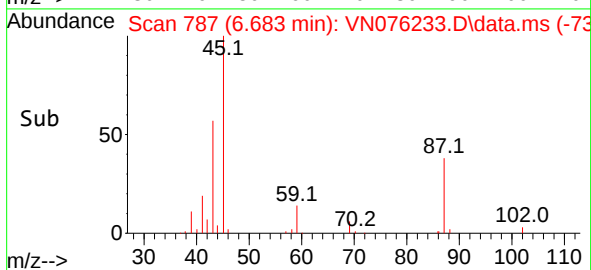
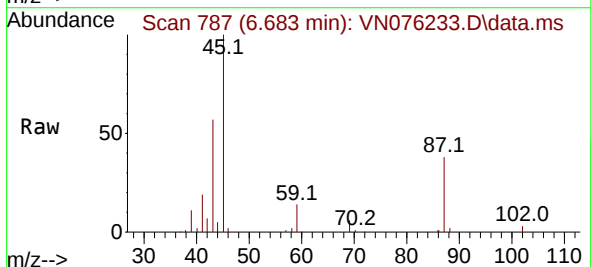
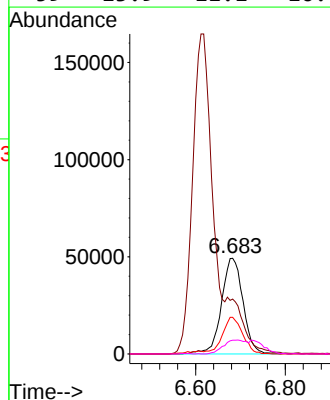
Manual Integrations
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Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#22
Diisopropyl ether
Concen: 20.616 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

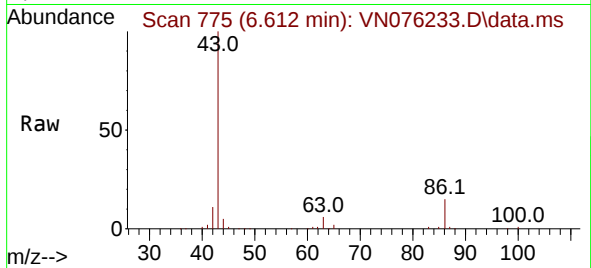
Tgt Ion: 45 Resp: 164325
Ion Ratio Lower Upper
45 100
43 55.7 44.2 66.4
87 38.2 28.3 42.5
59 13.9 11.1 16.7





#23
 Vinyl Acetate
 Concen: 93.277 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076233.D
 Acq: 12 Jan 2023 16:47

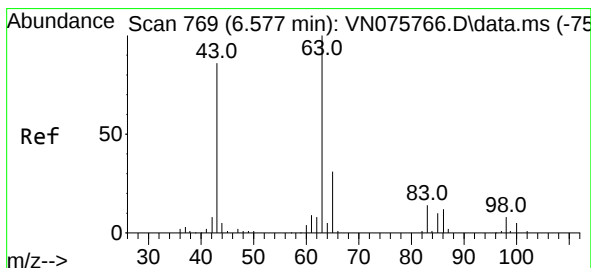
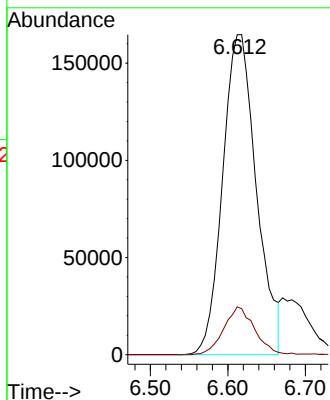
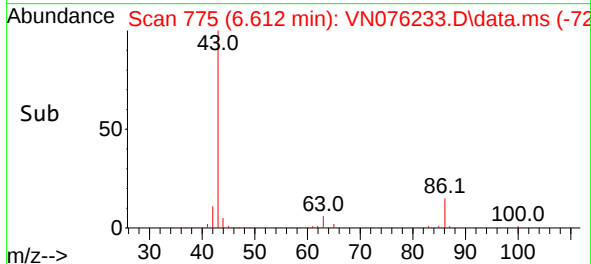
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD02



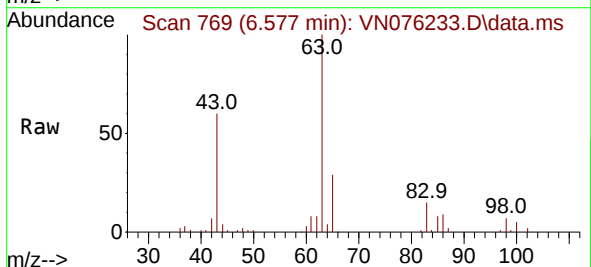
Tgt Ion: 43 Resp: 500428
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.4 17.2

Manual Integrations
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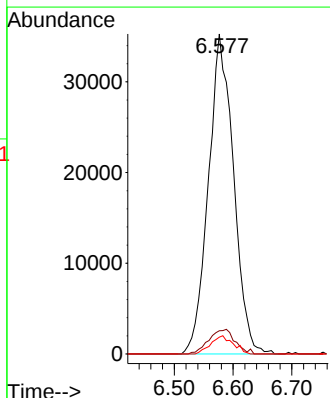
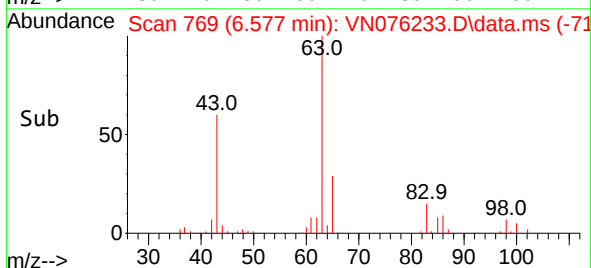
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

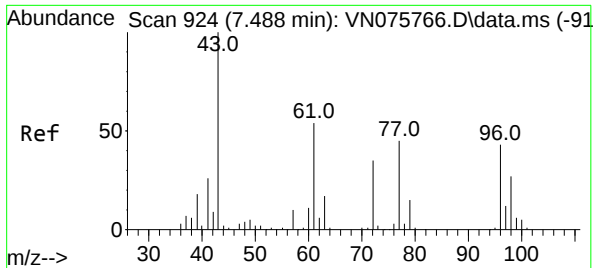


#24
 1,1-Dichloroethane
 Concen: 19.720 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076233.D
 Acq: 12 Jan 2023 16:47



Tgt Ion: 63 Resp: 104830
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 5.2 2.5 7.6





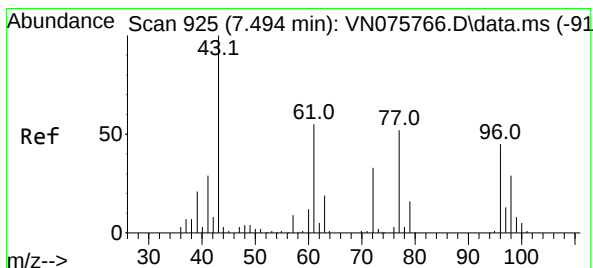
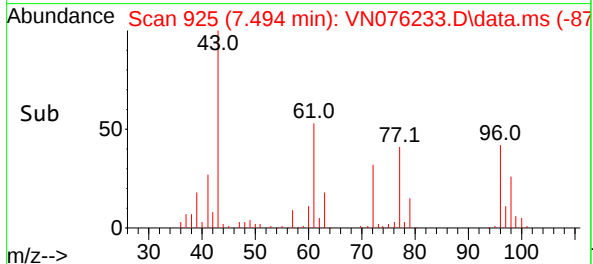
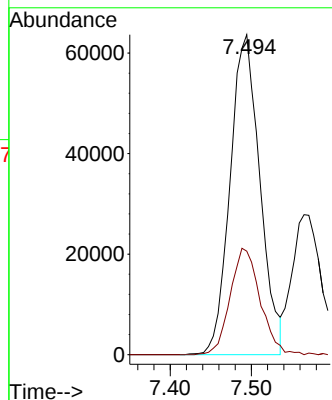
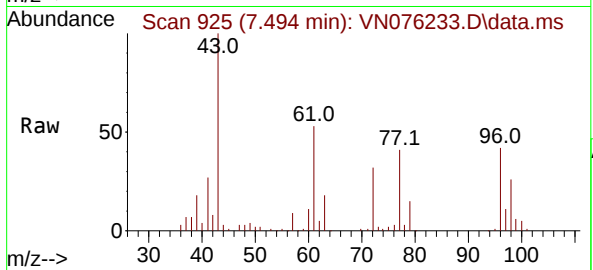
#25
2-Butanone
Concen: 97.737 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion: 43 Resp: 16253
Ion Ratio Lower Upper
43 100
72 32.4 28.0 42.0

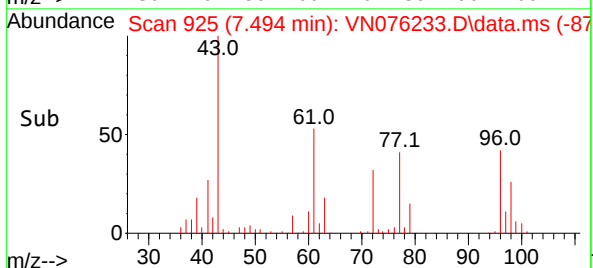
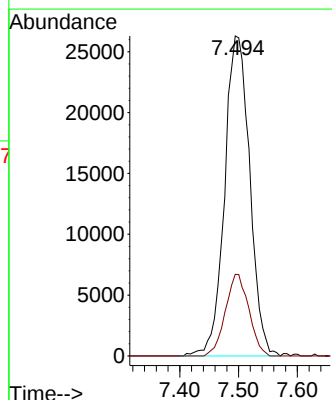
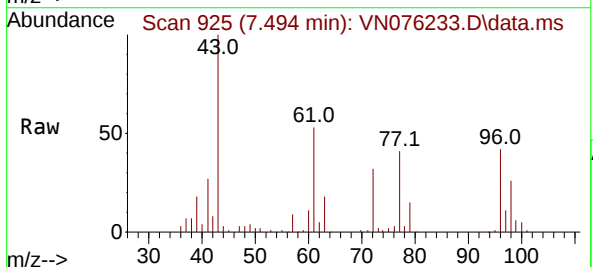
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#26
2,2-Dichloropropane
Concen: 17.335 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

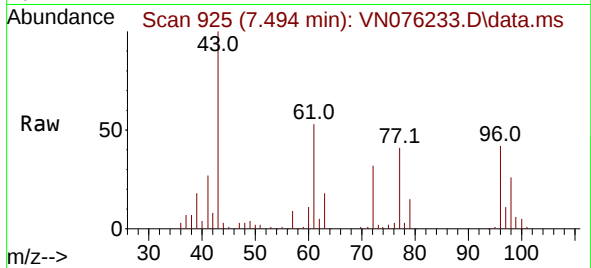
Tgt Ion: 77 Resp: 78036
Ion Ratio Lower Upper
77 100
97 23.8 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.961 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076233.D
 Acq: 12 Jan 2023 16:47

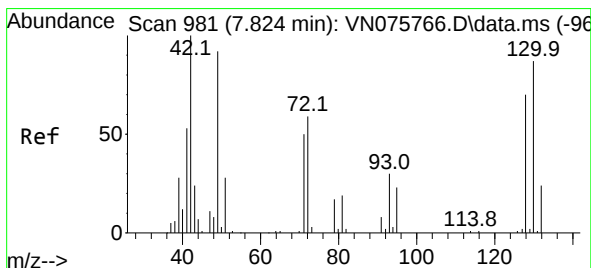
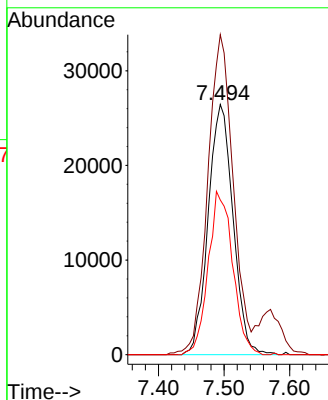
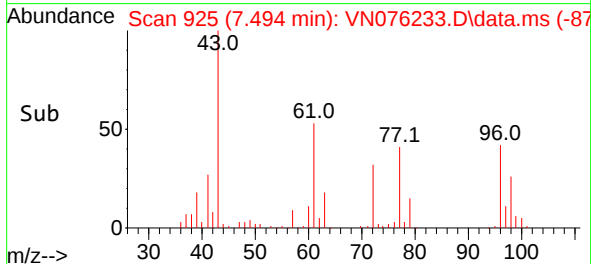
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD02



Tgt Ion: 96 Resp: 69709
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 247.8
 98 64.2 0.0 128.4

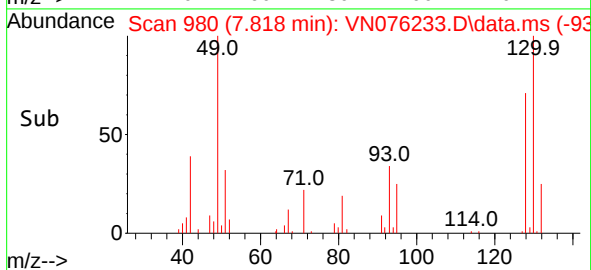
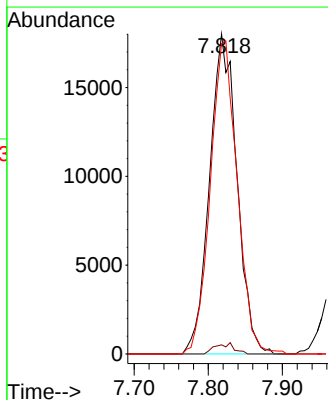
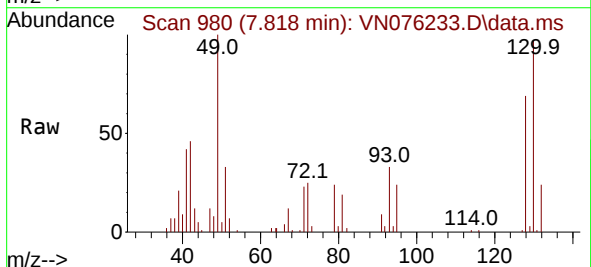
Manual Integrations
 APPROVED

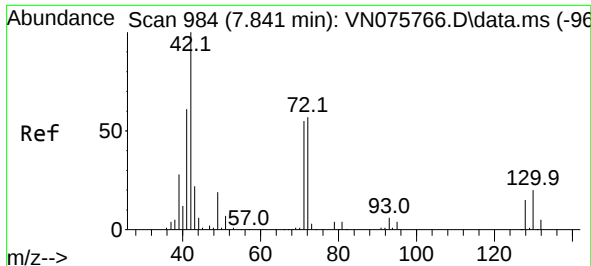
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#28
 Bromochloromethane
 Concen: 19.826 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076233.D
 Acq: 12 Jan 2023 16:47

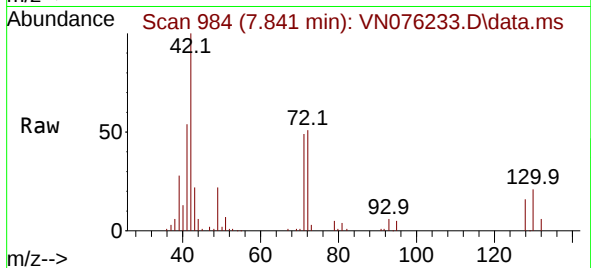
Tgt Ion: 49 Resp: 46193
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 96.4 77.0 115.4





#29
Tetrahydrofuran
Concen: 97.700 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

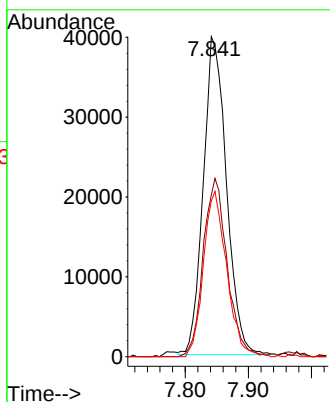
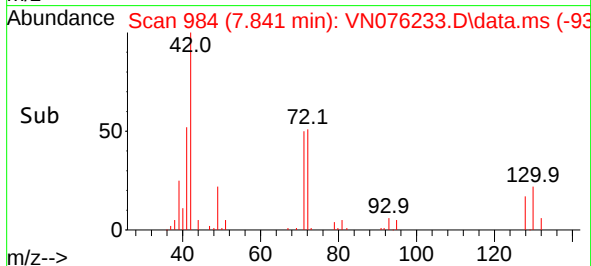
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



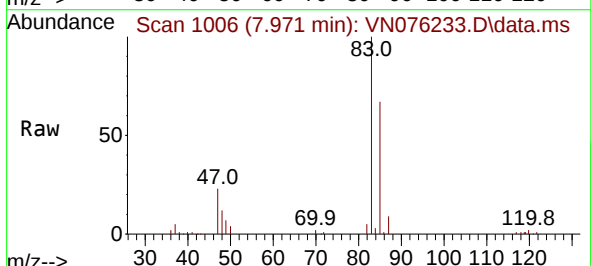
Tgt Ion: 42 Resp: 10181
Ion Ratio Lower Upper
42 100
72 57.8 44.5 66.7
71 52.0 41.0 61.6

Manual Integrations
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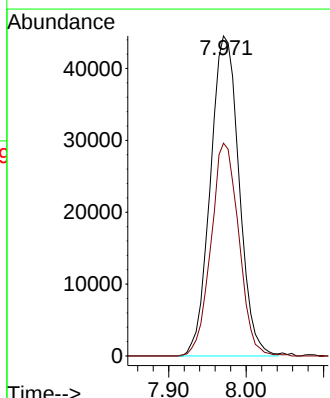
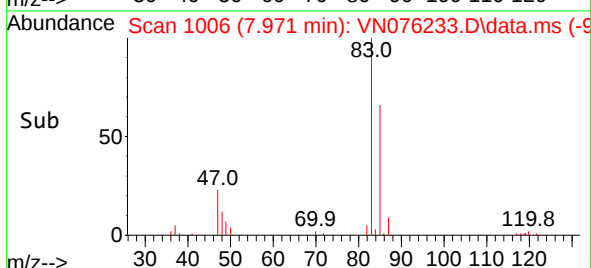
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

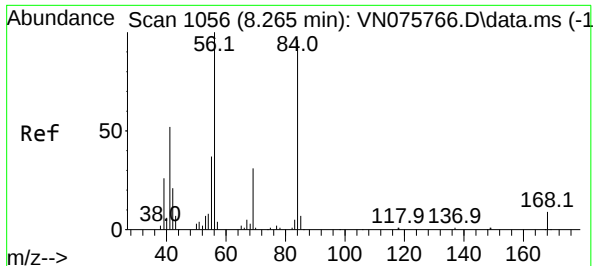


#30
Chloroform
Concen: 19.143 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



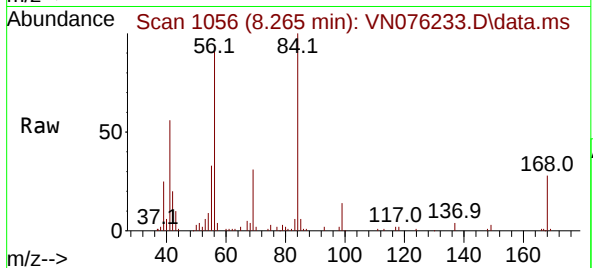
Tgt Ion: 83 Resp: 114576
Ion Ratio Lower Upper
83 100
85 66.5 49.1 73.7





#31
Cyclohexane
Concen: 18.090 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

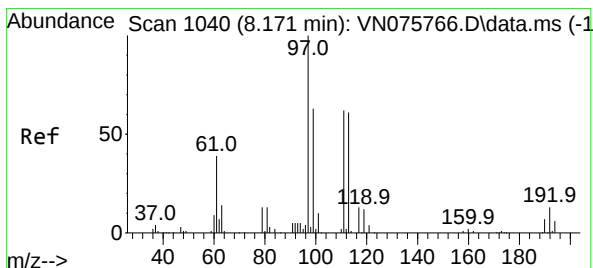
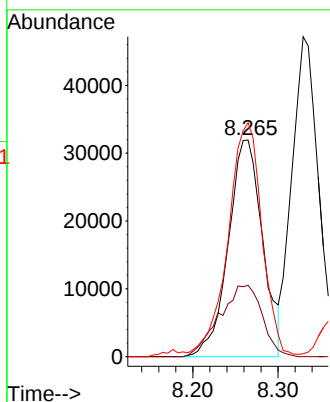
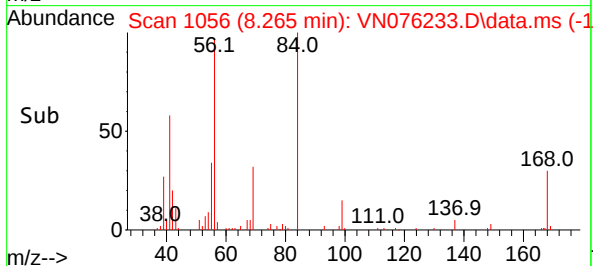
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



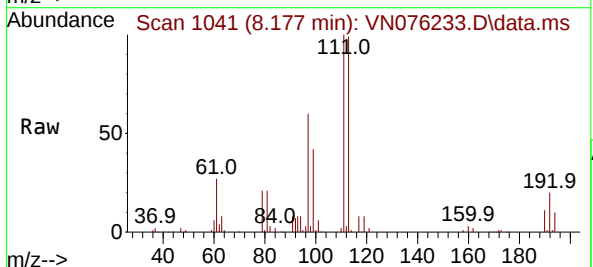
Tgt Ion: 56 Resp: 8926
Ion Ratio Lower Upper
56 100
69 32.3 24.7 37.1
84 106.1 76.5 114.7

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APPROVED

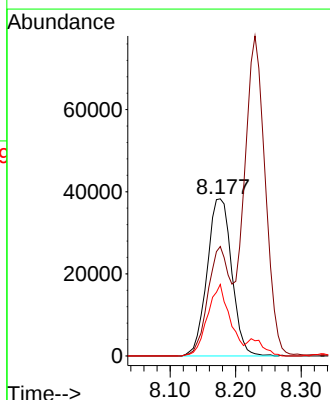
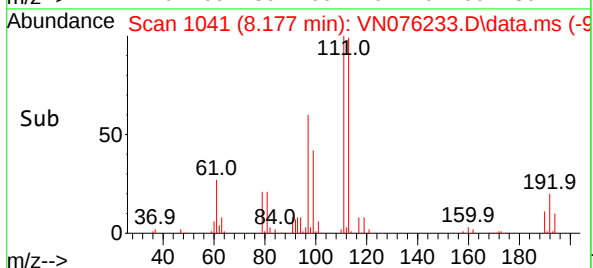
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

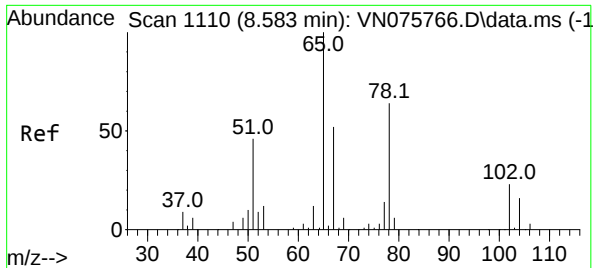


#32
1,1,1-Trichloroethane
Concen: 18.808 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



Tgt Ion: 97 Resp: 99797
Ion Ratio Lower Upper
97 100
99 61.0 50.2 75.2
61 41.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.449 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

Tgt Ion: 65 Resp: 17381

Ion Ratio Lower Upper

65 100

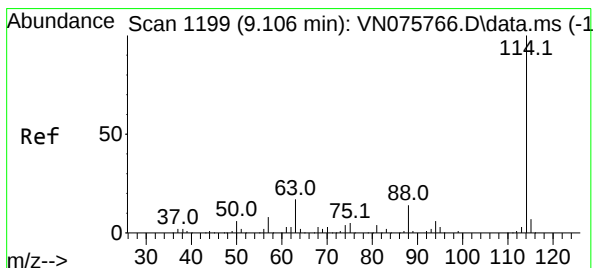
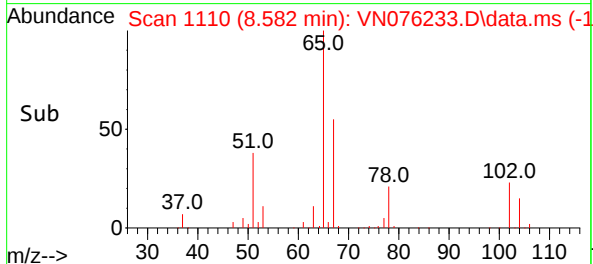
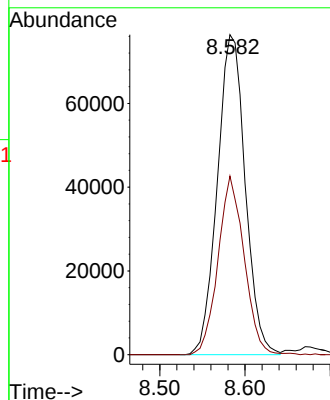
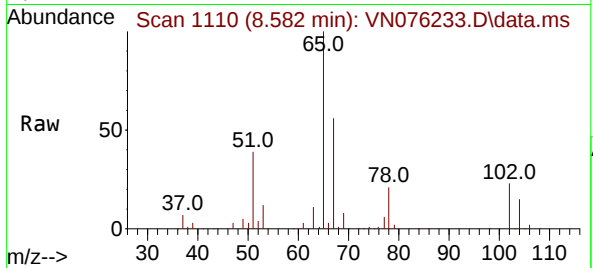
67 52.3 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

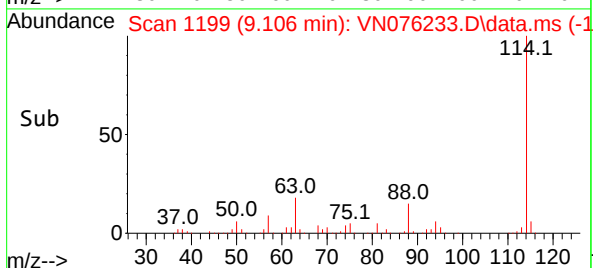
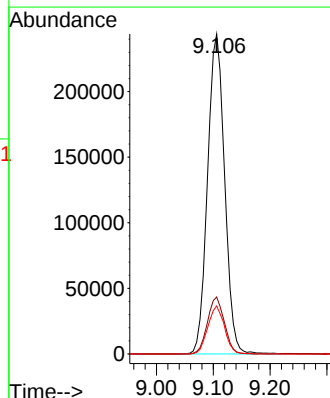
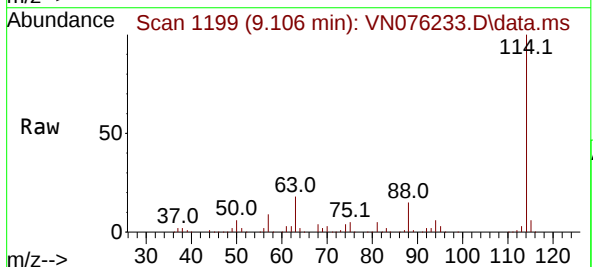
Tgt Ion:114 Resp: 507930

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.067 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

Tgt Ion:113 Resp: 15748

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

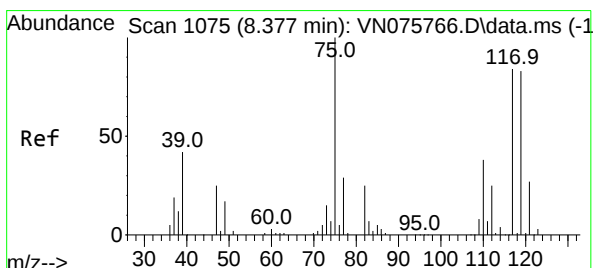
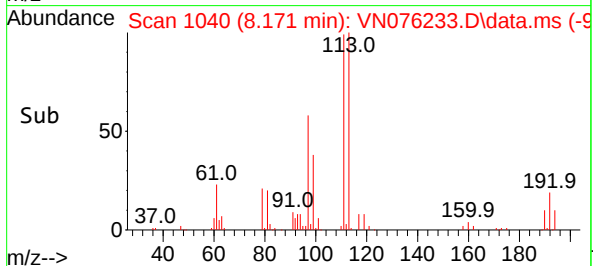
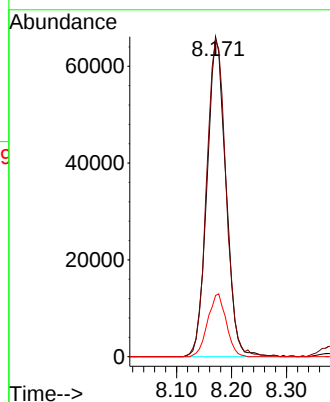
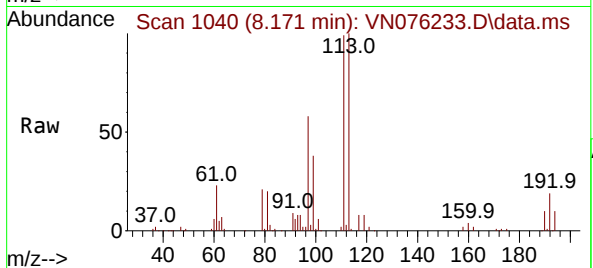
192 19.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#36

1,1-Dichloropropene

Concen: 18.320 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

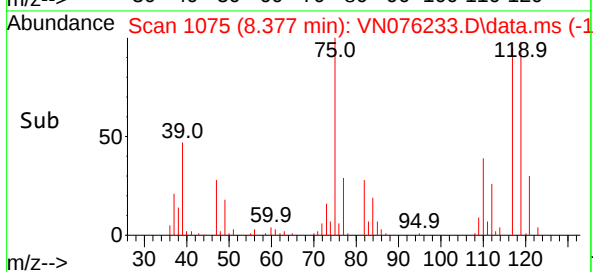
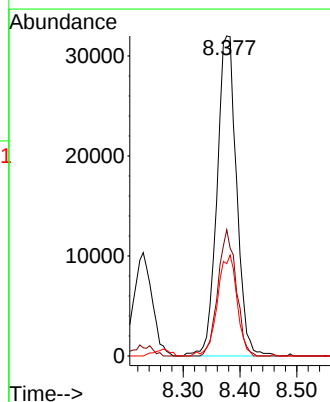
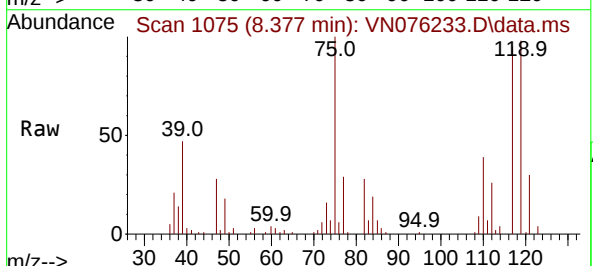
Tgt Ion: 75 Resp: 76551

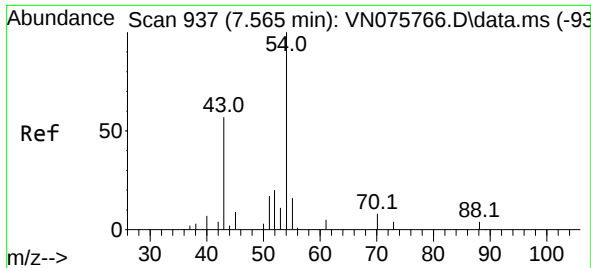
Ion Ratio Lower Upper

75 100

110 36.8 18.8 56.4

77 31.6 24.1 36.1





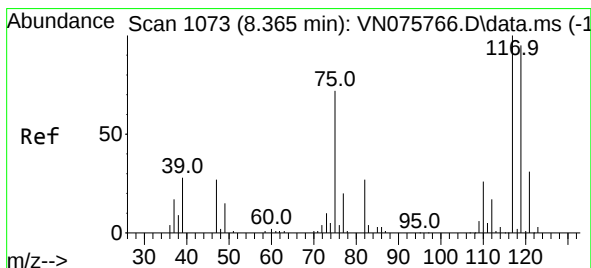
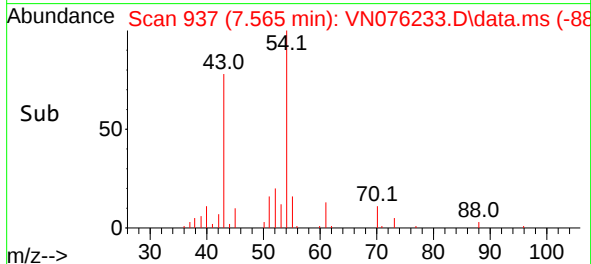
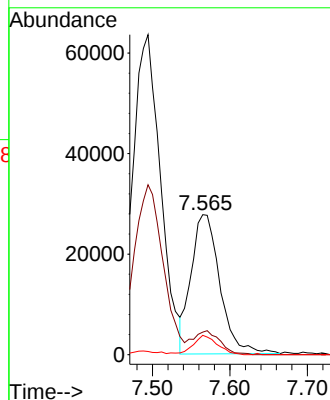
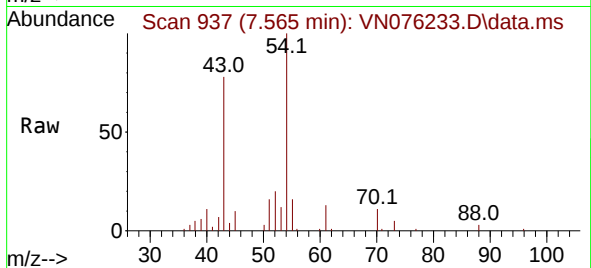
#37
Ethyl Acetate
Concen: 21.308 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion: 43 Resp: 7151
Ion Ratio Lower Upper
43 100
61 13.3 13.0 19.4
70 11.5 9.4 14.0

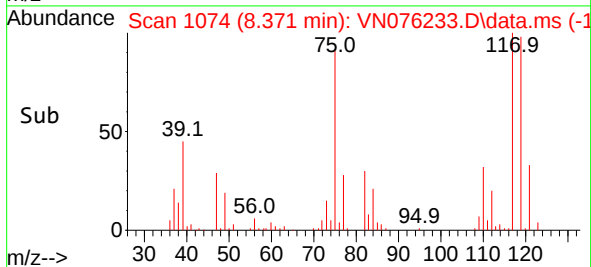
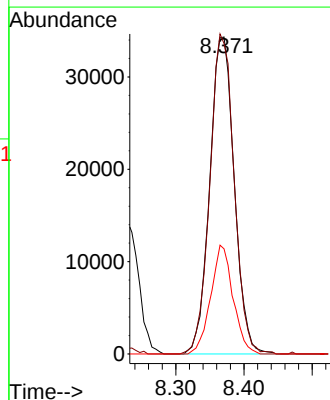
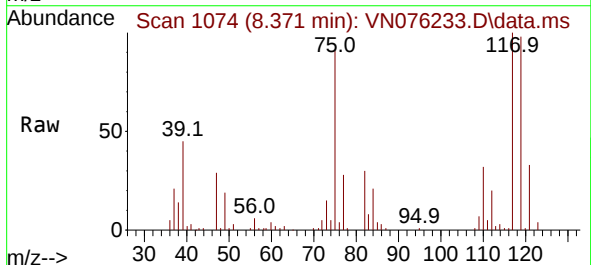
Manual Integrations
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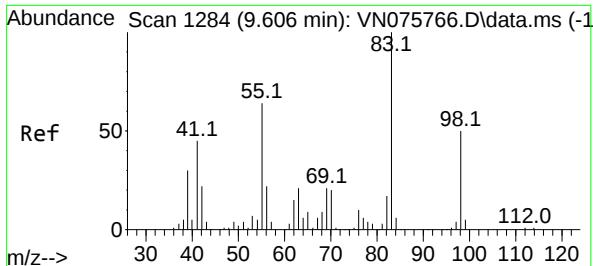
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#38
Carbon Tetrachloride
Concen: 18.360 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

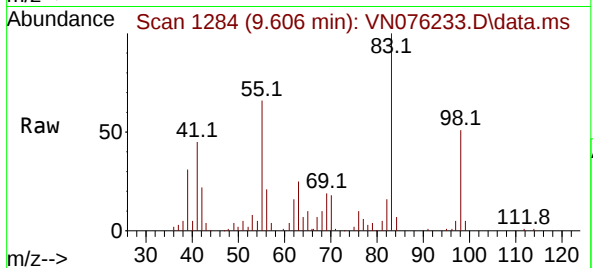
Tgt Ion:117 Resp: 85863
Ion Ratio Lower Upper
117 100
119 97.9 76.1 114.1
121 33.2 24.5 36.7





#39
Methylcyclohexane
Concen: 19.185 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

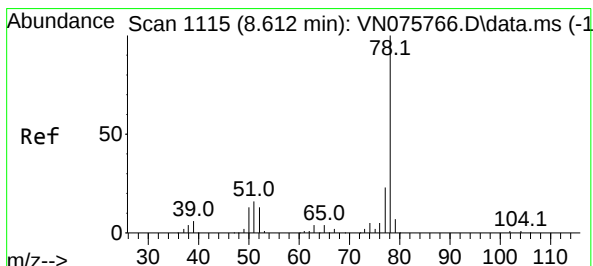
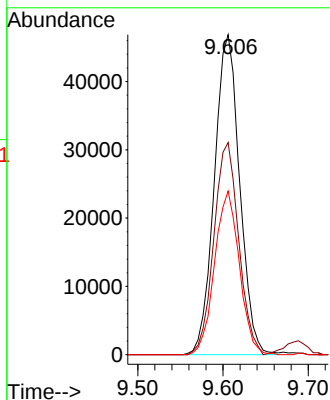
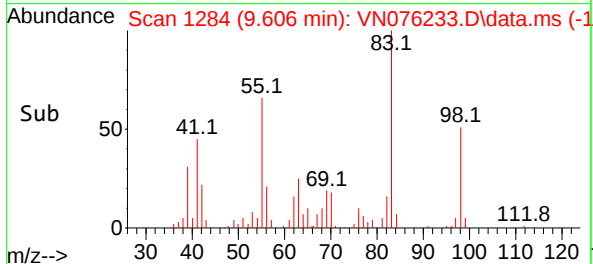
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion: 83 Resp: 96711
Ion Ratio Lower Upper
83 100
55 66.3 51.4 77.0
98 51.1 39.8 59.8

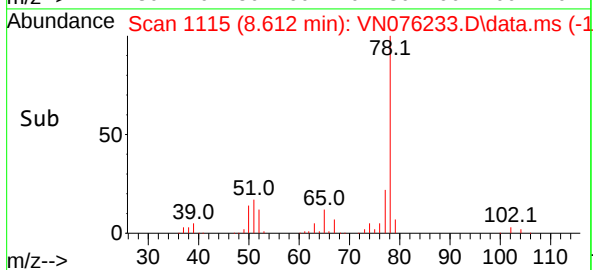
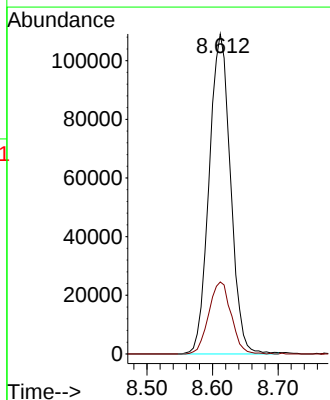
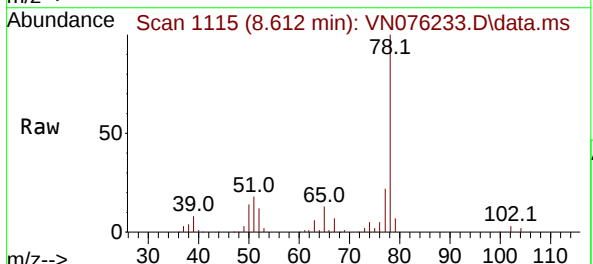
Manual Integrations
APPROVED

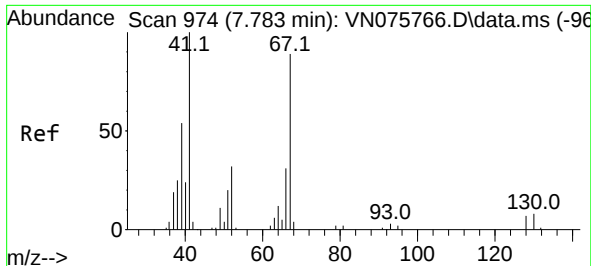
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#40
Benzene
Concen: 19.128 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

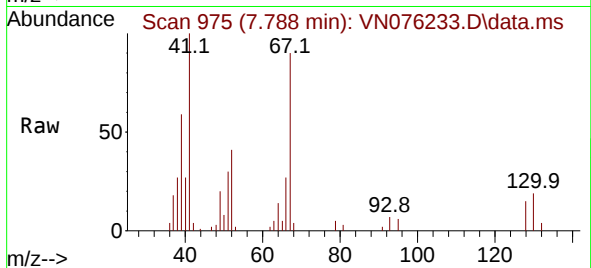
Tgt Ion: 78 Resp: 246606
Ion Ratio Lower Upper
78 100
77 22.5 18.5 27.7





#41
Methacrylonitrile
Concen: 20.736 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

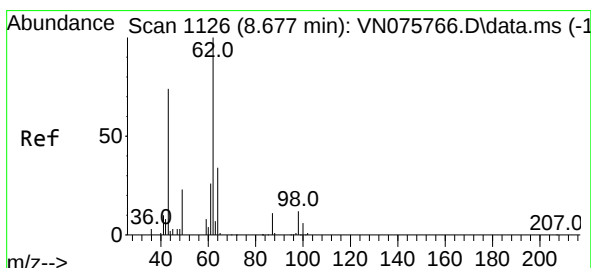
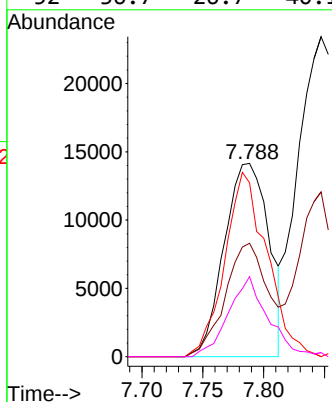
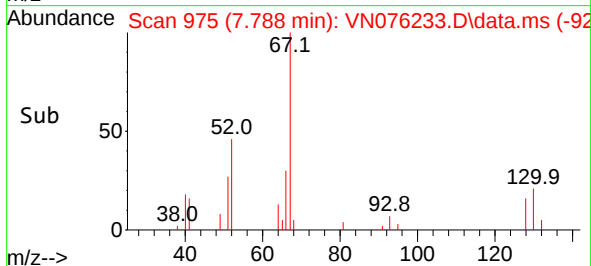
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion: 41 Resp: 3617
Ion Ratio Lower Upper
41 100
39 55.6 43.1 64.7
67 90.2 70.7 106.1
52 36.7 26.7 40.1

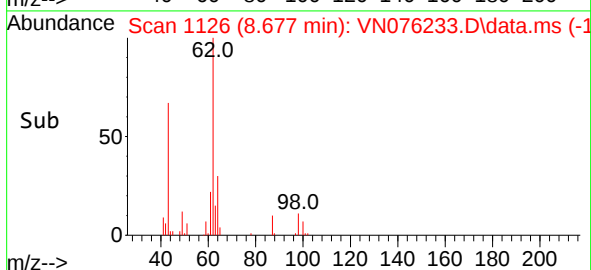
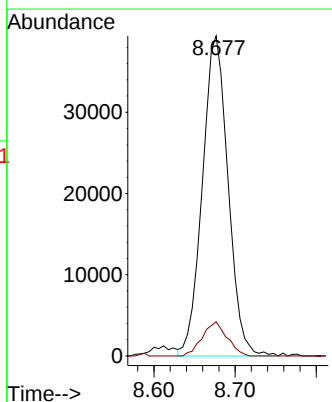
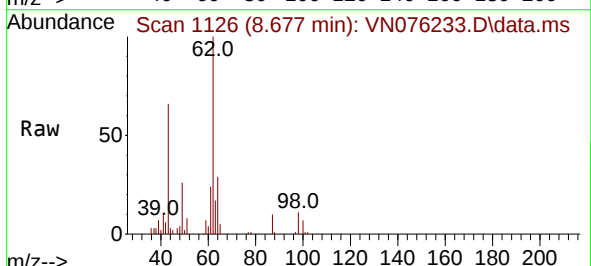
Manual Integrations
APPROVED

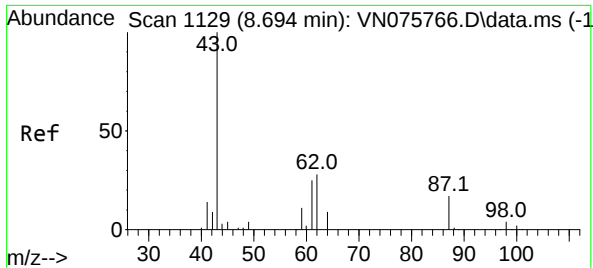
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#42
1,2-Dichloroethane
Concen: 20.212 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

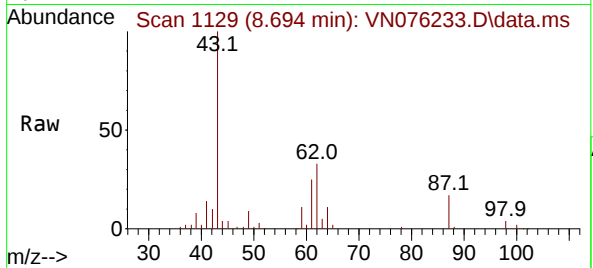
Tgt Ion: 62 Resp: 86632
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8





#43
Isopropyl Acetate
Concen: 20.155 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

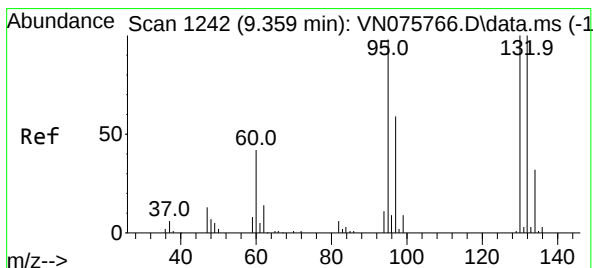
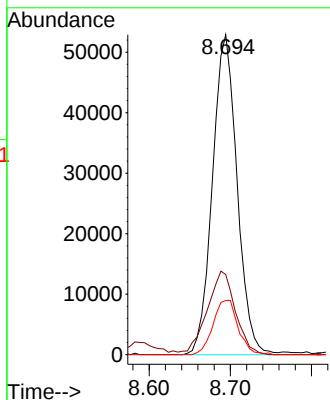
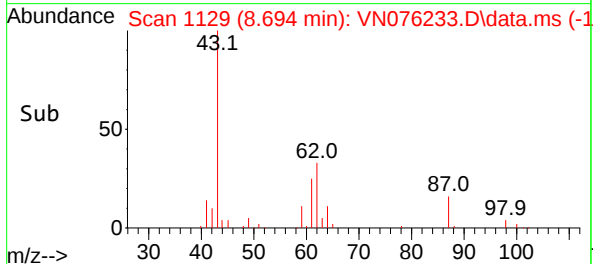
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



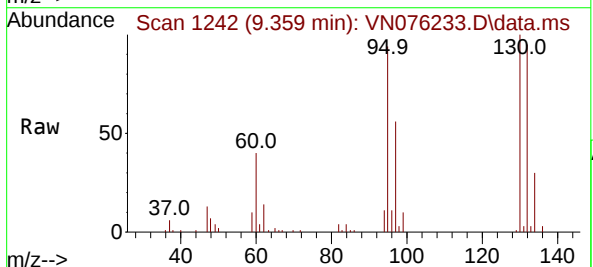
Tgt Ion: 43 Resp: 111592
Ion Ratio Lower Upper
43 100
61 30.0 24.2 36.4
87 17.3 13.3 19.9

Manual Integrations
APPROVED

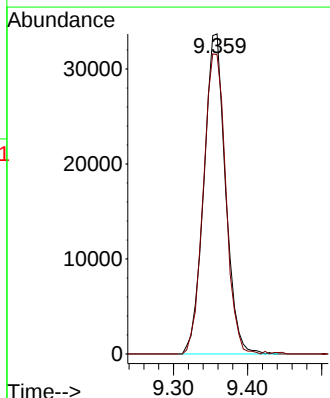
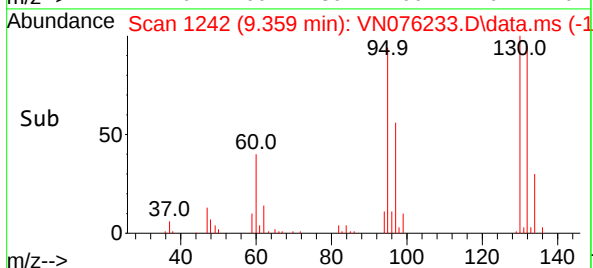
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#44
Trichloroethene
Concen: 18.790 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



Tgt Ion:130 Resp: 68245
Ion Ratio Lower Upper
130 100
95 93.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.462 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

Tgt Ion: 63 Resp: 61050

Ion Ratio Lower Upper

63 100

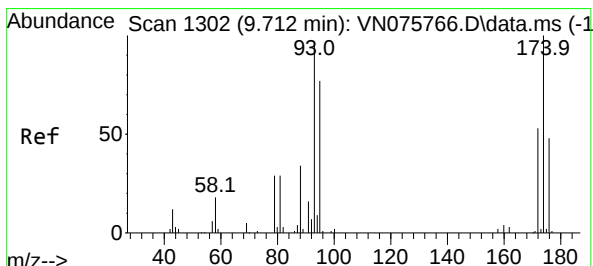
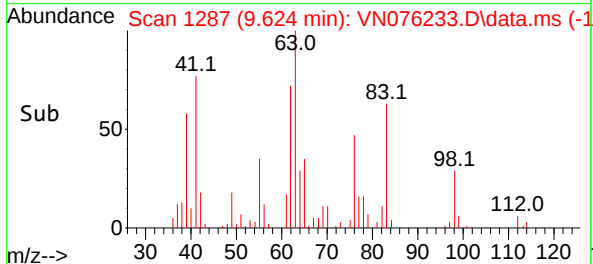
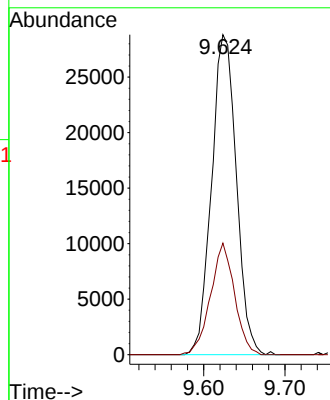
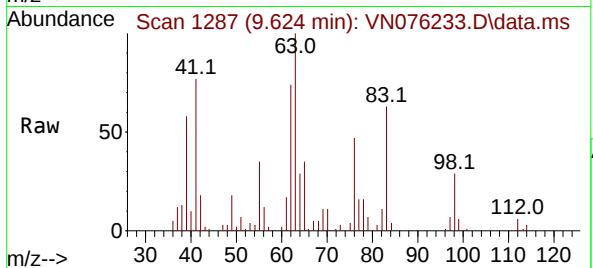
65 34.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#46

Dibromomethane

Concen: 19.570 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

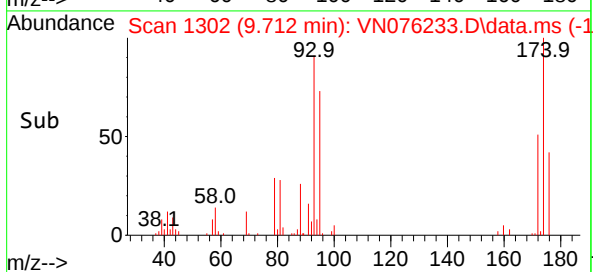
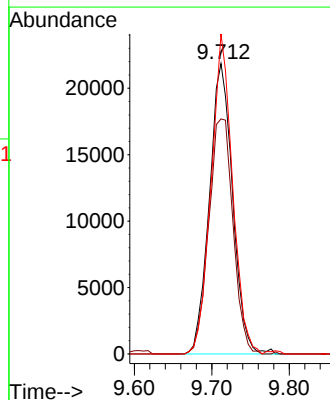
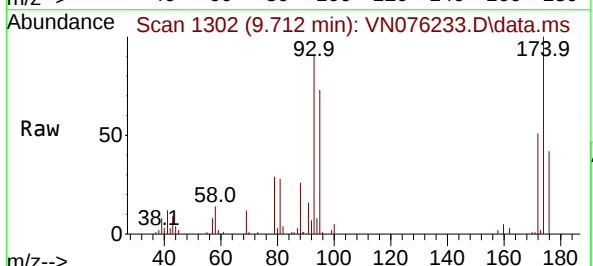
Tgt Ion: 93 Resp: 45537

Ion Ratio Lower Upper

93 100

95 84.6 65.2 97.8

174 101.8 82.4 123.6





#47

Bromodichloromethane

Concen: 19.268 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

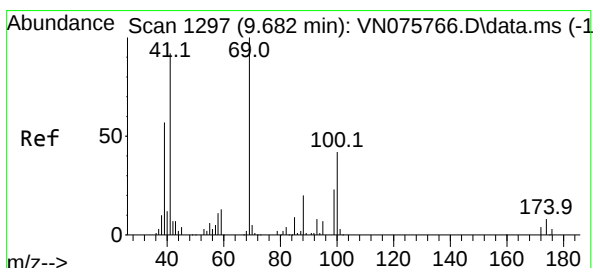
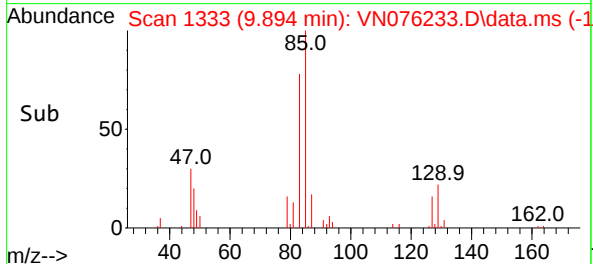
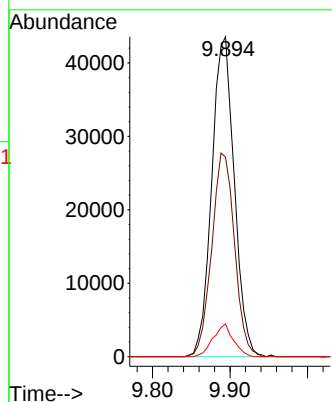
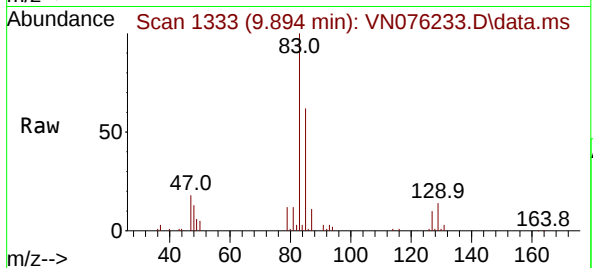
Tgt Ion: 83	Resp: 87925
Ion Ratio	Lower Upper
83 100	
85 62.4	51.5 77.3
127 10.2	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#48

Methyl methacrylate

Concen: 21.391 ug/l

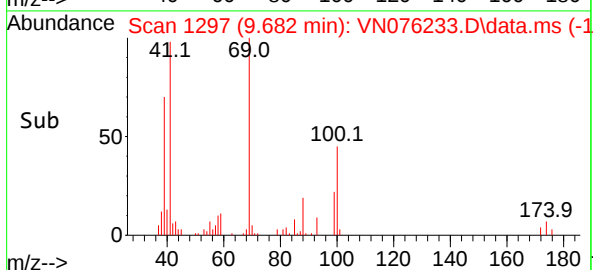
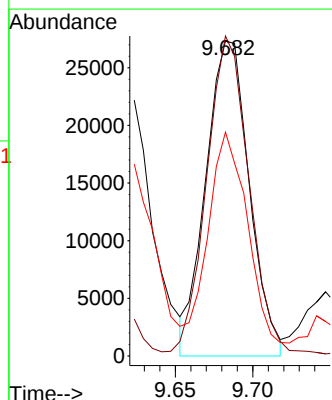
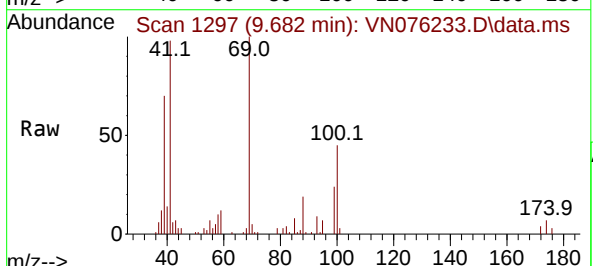
RT: 9.682 min Scan# 1297

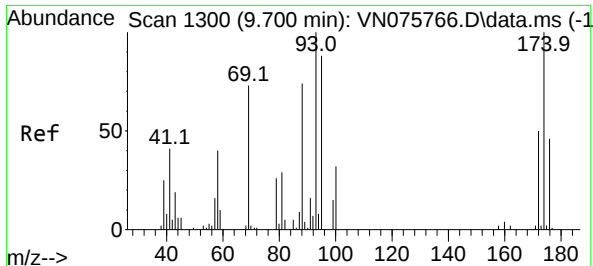
Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Tgt Ion: 41	Resp: 53342		
Ion Ratio	Lower	Upper	
41	100		
69	100.1	81.9	122.9
39	67.6	51.6	77.4





#49

1,4-Dioxane

Concen: 363.040 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

Tgt Ion: 88 Resp: 22250

Ion Ratio Lower Upper

88 100

43 28.8 17.1 25.7

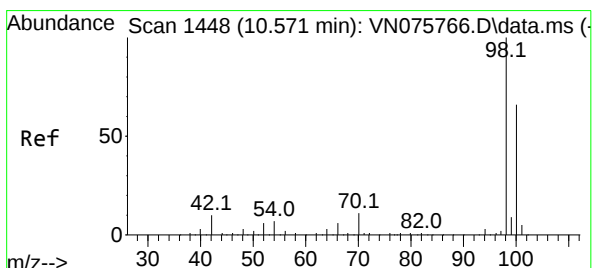
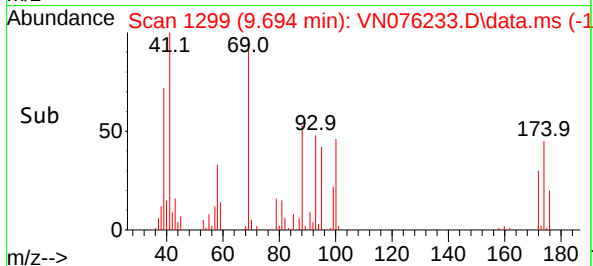
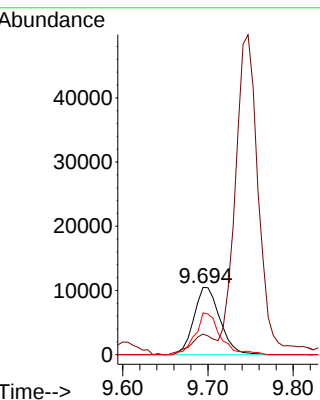
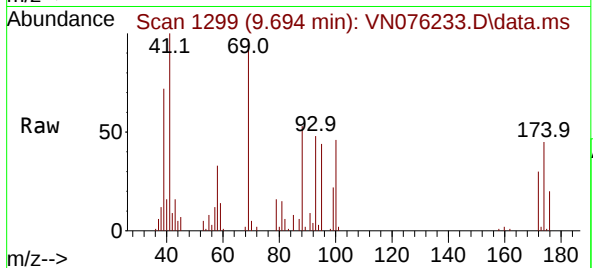
58 59.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

Toluene-d8

Concen: 46.589 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076233.D

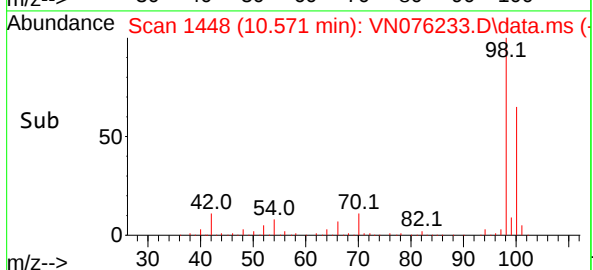
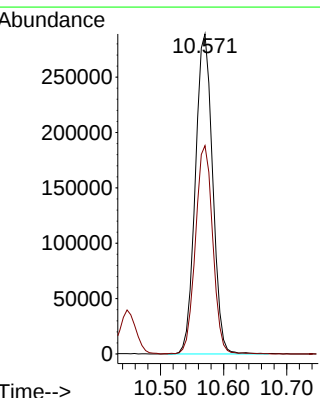
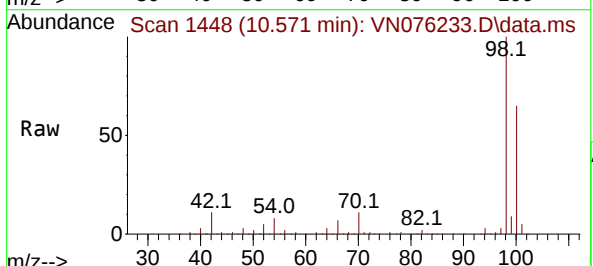
Acq: 12 Jan 2023 16:47

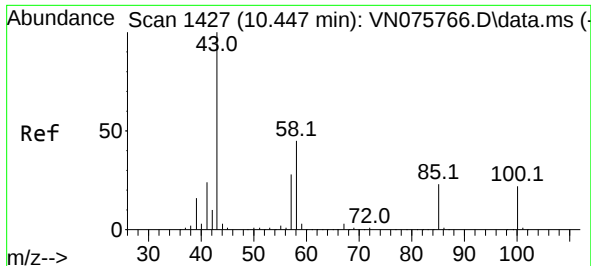
Tgt Ion: 98 Resp: 547928

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1





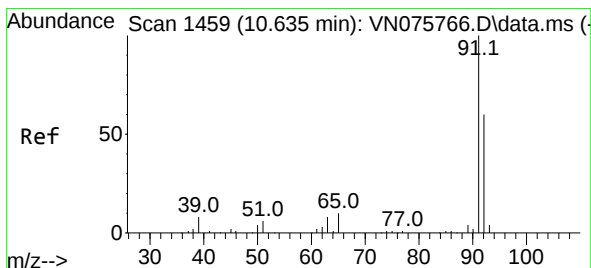
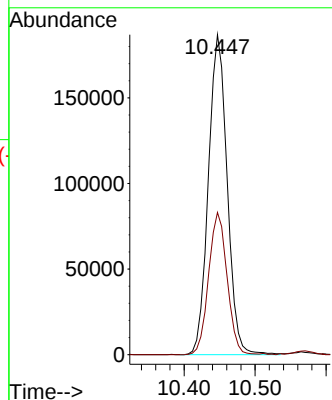
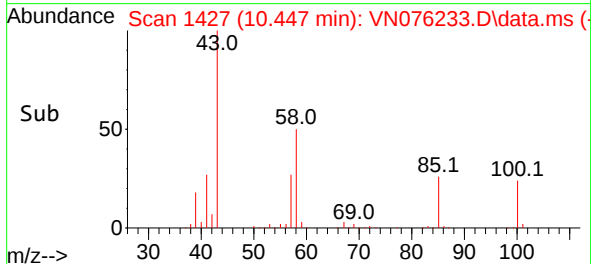
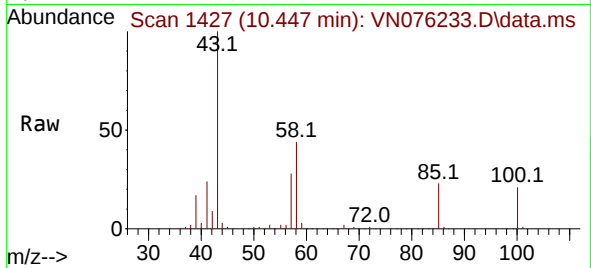
#51
4-Methyl-2-Pentanone
Concen: 102.678 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion: 43 Resp: 343799
Ion Ratio Lower Upper
43 100
58 43.6 35.5 53.3

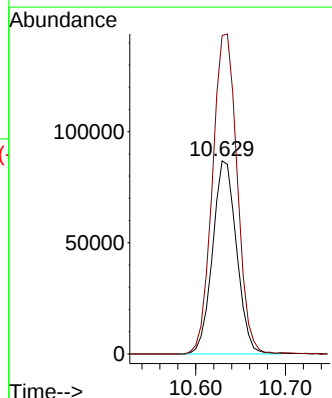
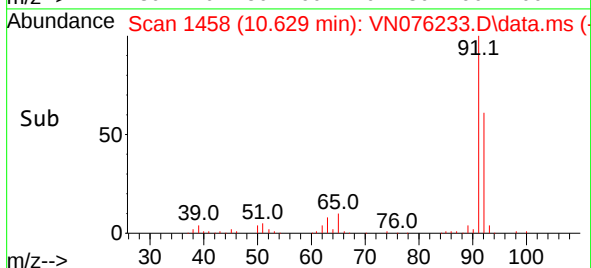
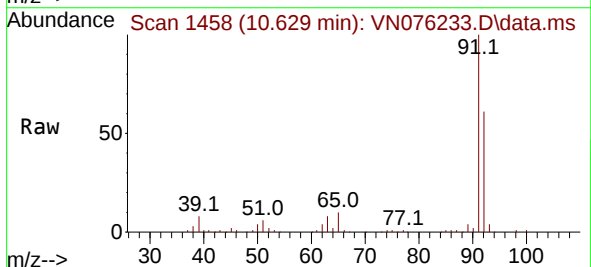
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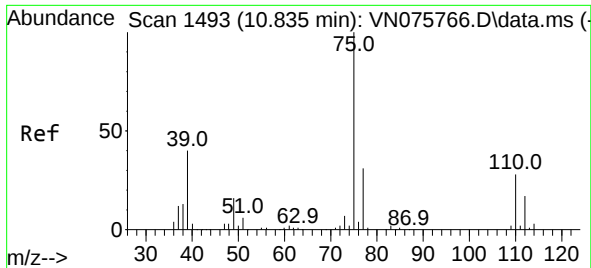
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#52
Toluene
Concen: 19.156 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

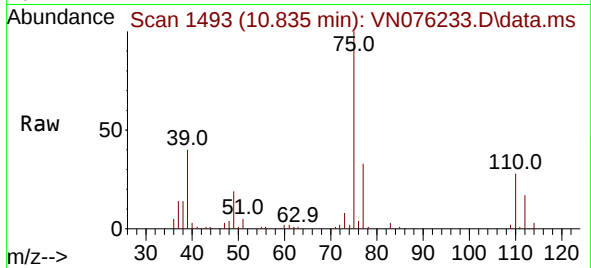
Tgt Ion: 92 Resp: 160838
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 19.108 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

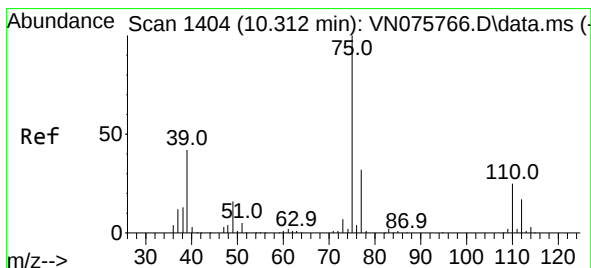
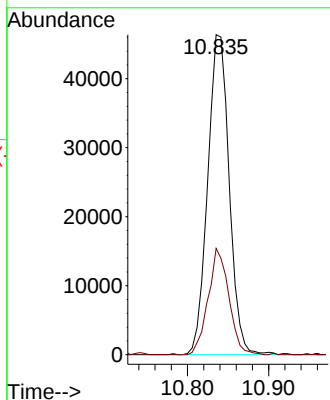
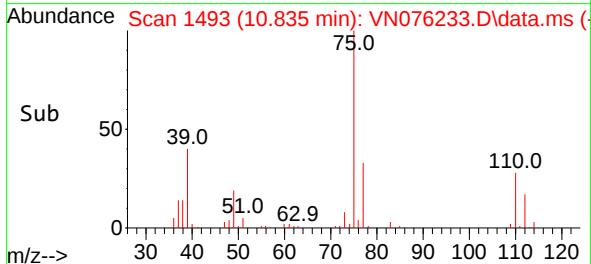
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion: 75 Resp: 8535
Ion Ratio Lower Upper
75 100
77 33.2 24.9 37.3

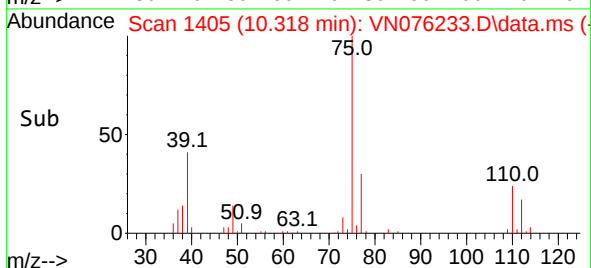
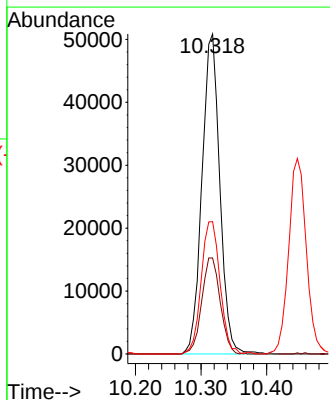
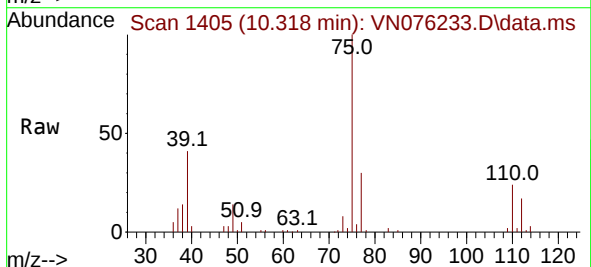
Manual Integrations
APPROVED

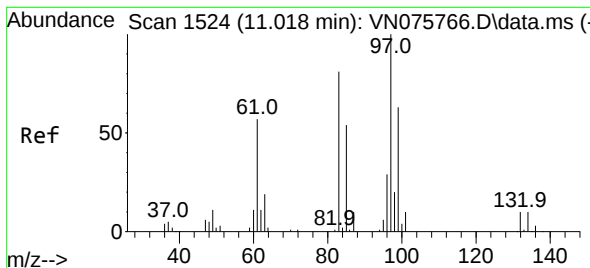
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#54
cis-1,3-Dichloropropene
Concen: 19.639 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

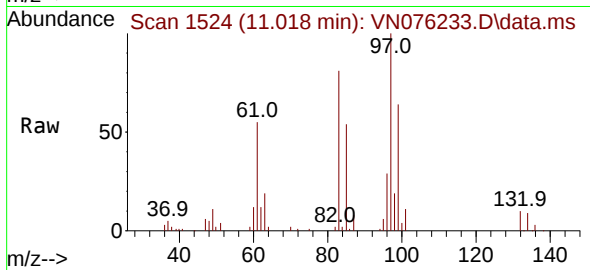
Tgt Ion: 75 Resp: 96318
Ion Ratio Lower Upper
75 100
77 30.0 25.8 38.8
39 41.3 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 19.969 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

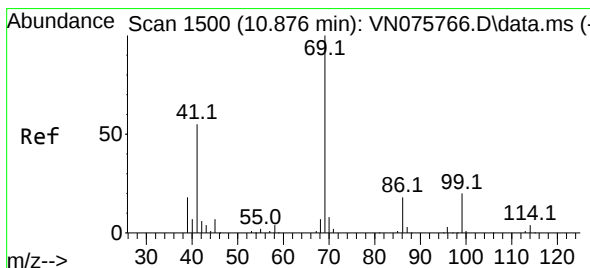
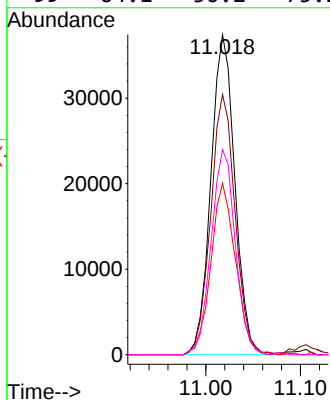
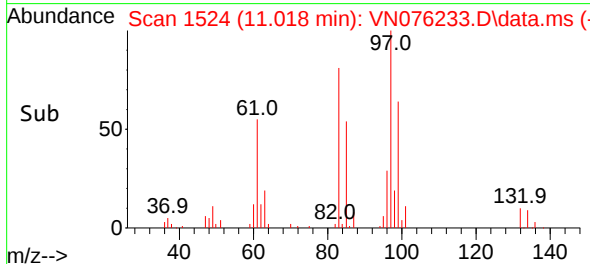


Tgt Ion: 97 Resp: 65810

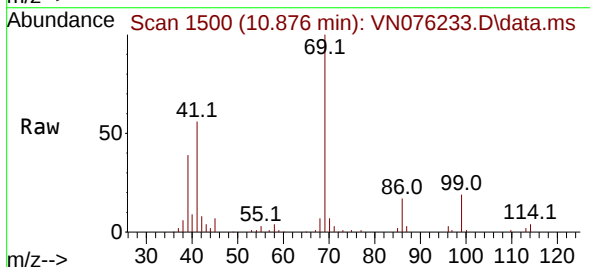
Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.0	97.4
85	53.5	43.0	64.6
99	64.1	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

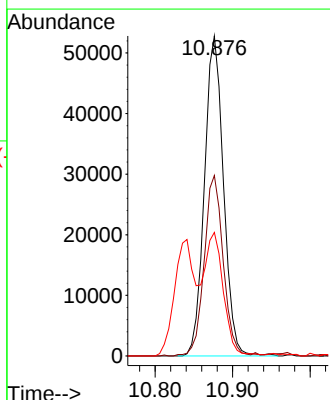
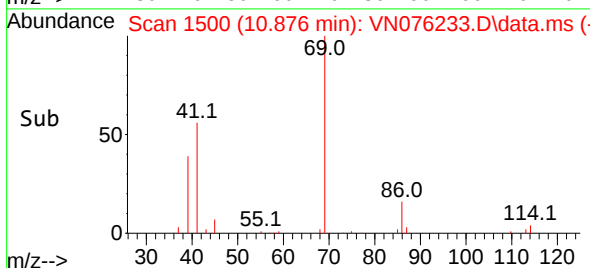


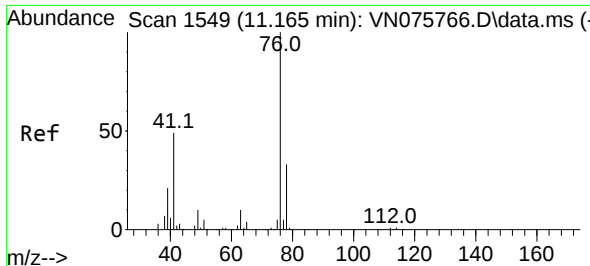
#56
Ethyl methacrylate
Concen: 20.606 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



Tgt Ion: 69 Resp: 90201

Ion	Ratio	Lower	Upper
69	100		
41	56.1	44.2	66.4
39	36.2	26.4	39.6





#57

1,3-Dichloropropane

Concen: 19.970 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

Tgt Ion: 76 Resp: 107950

Ion Ratio Lower Upper

76 100

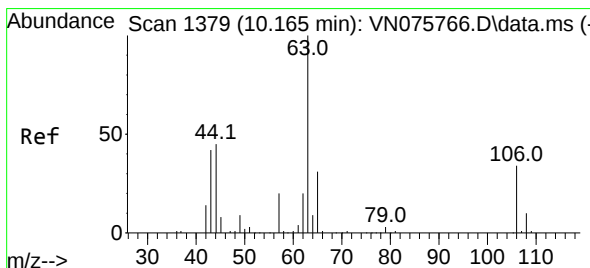
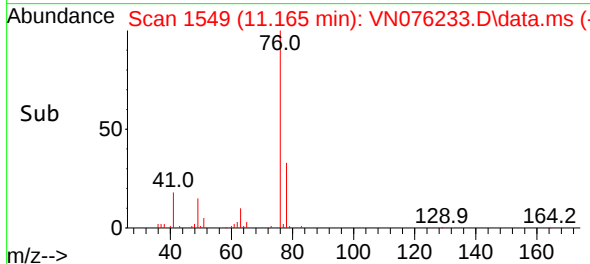
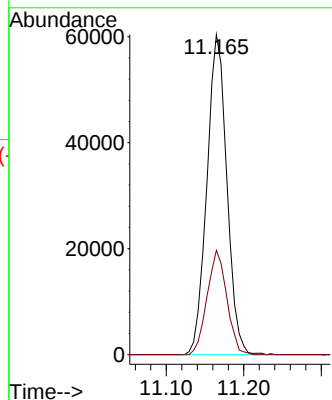
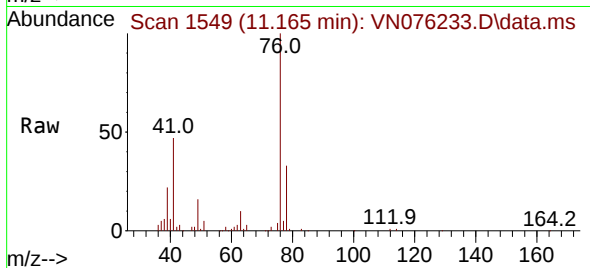
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 120.166 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076233.D

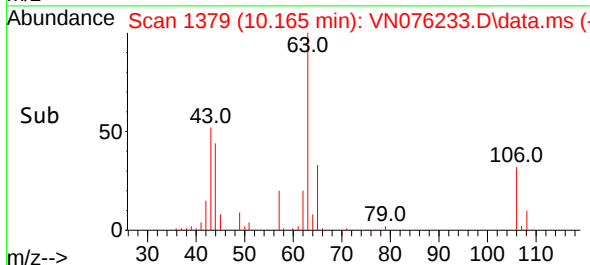
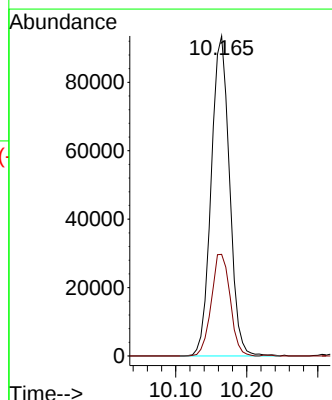
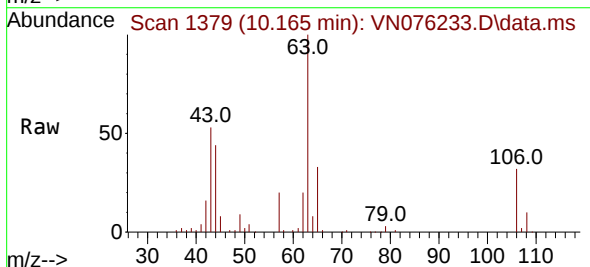
Acq: 12 Jan 2023 16:47

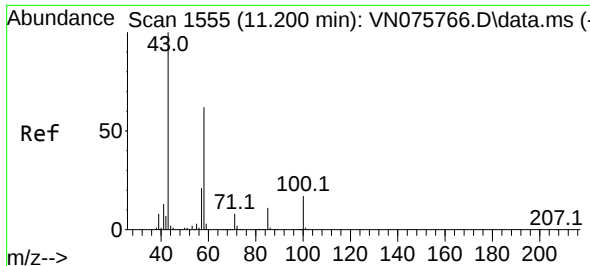
Tgt Ion: 63 Resp: 167476

Ion Ratio Lower Upper

63 100

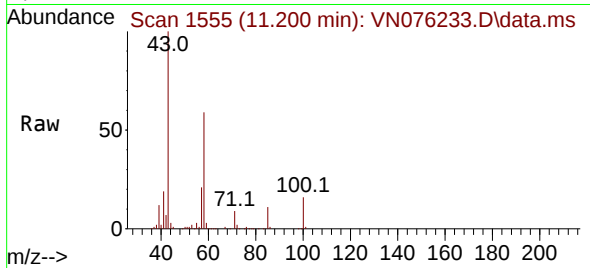
106 32.7 26.4 39.6





#59
2-Hexanone
Concen: 100.445 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

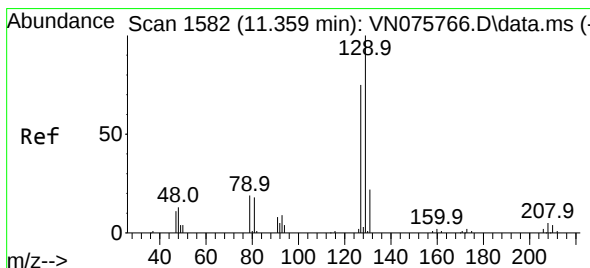
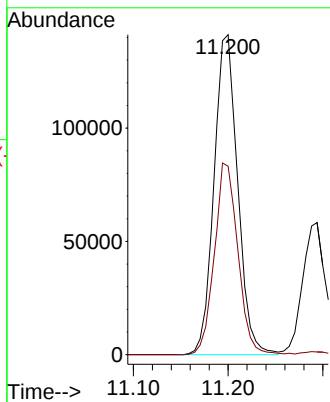
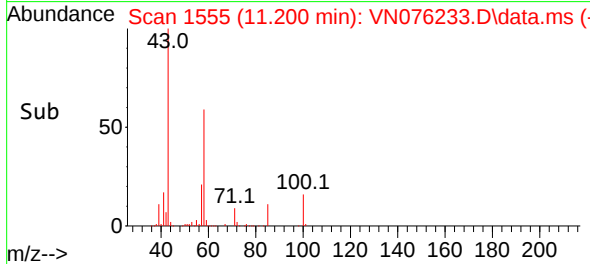
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion: 43 Resp: 245269
Ion Ratio Lower Upper
43 100
58 59.4 30.6 92.0

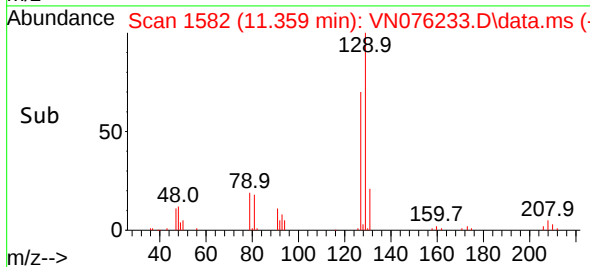
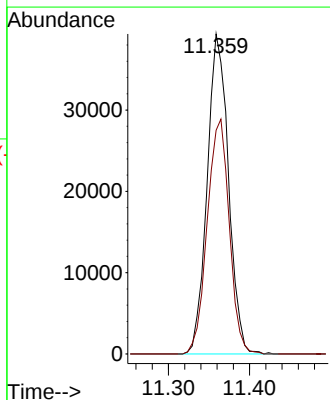
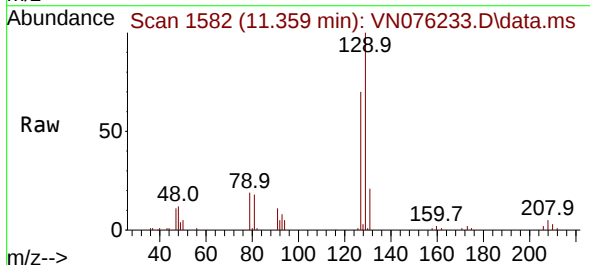
Manual Integrations
APPROVED

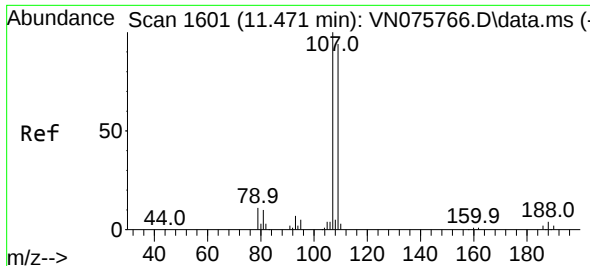
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#60
Dibromochloromethane
Concen: 19.585 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

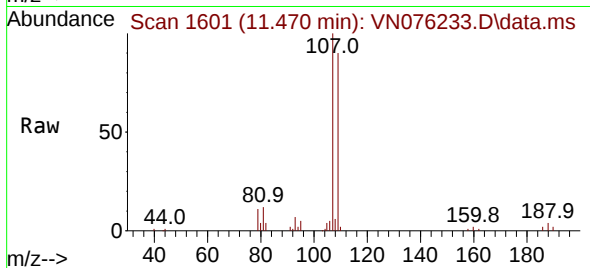
Tgt Ion:129 Resp: 71780
Ion Ratio Lower Upper
129 100
127 75.8 38.3 114.9





#61
1,2-Dibromoethane
Concen: 19.695 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

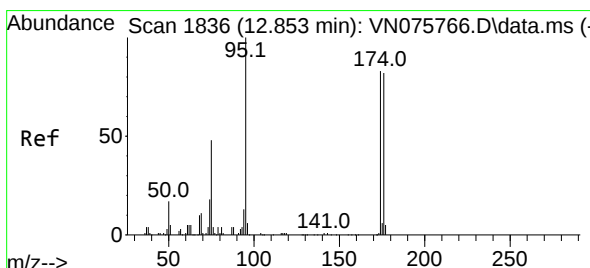
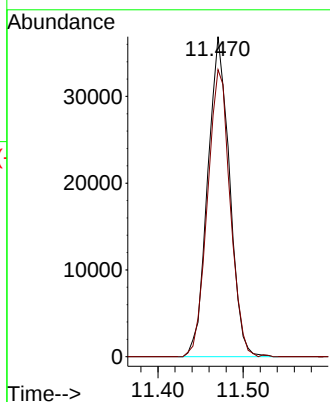
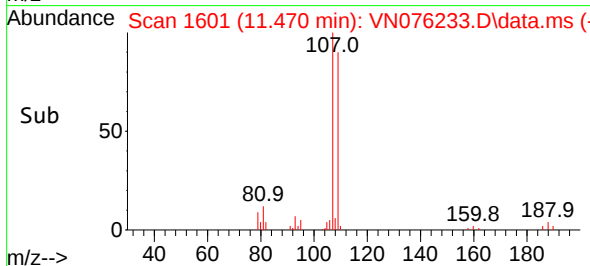
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



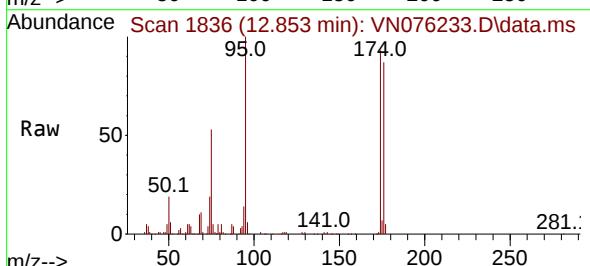
Tgt Ion:107 Resp: 6568
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2

Manual Integrations
APPROVED

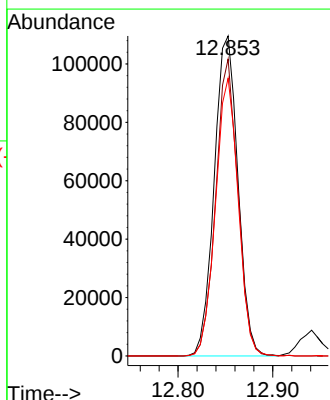
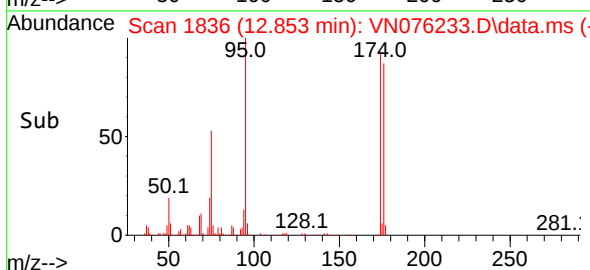
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

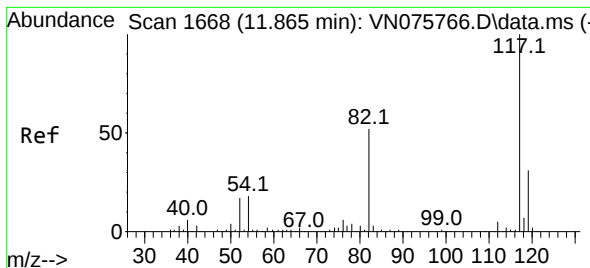


#62
4-Bromofluorobenzene
Concen: 48.926 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



Tgt Ion: 95 Resp: 190581
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 83.4 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

Tgt Ion:117 Resp: 448038

Ion Ratio Lower Upper

117 100

82 52.1 41.3 61.9

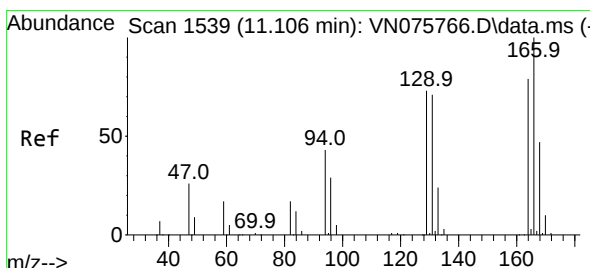
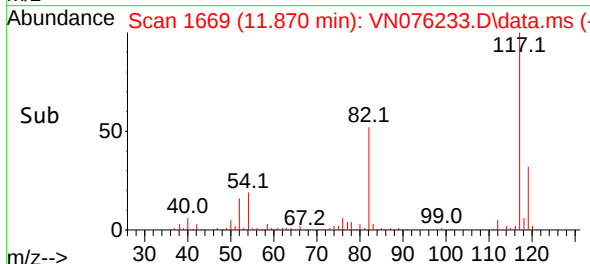
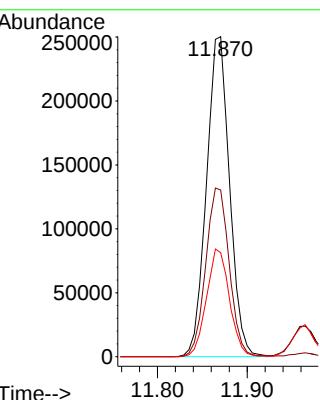
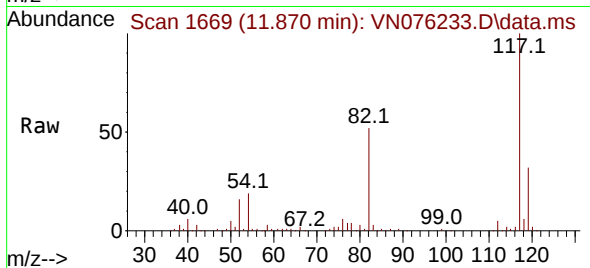
119 32.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#64

Tetrachloroethene

Concen: 24.848 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Tgt Ion:164 Resp: 78338

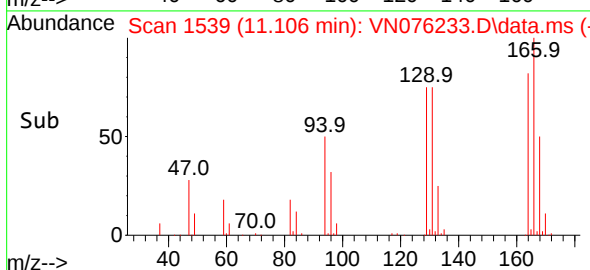
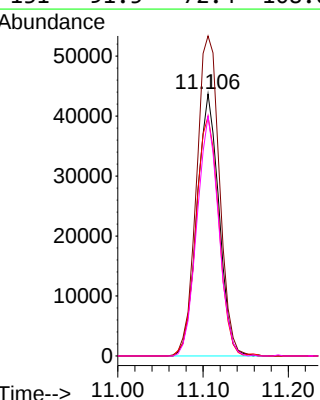
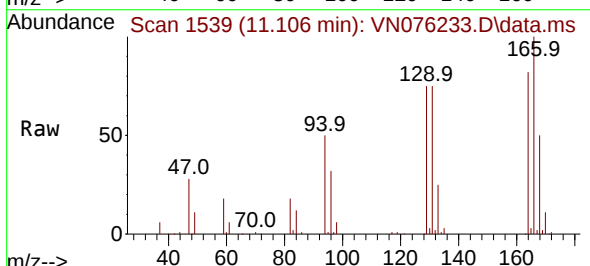
Ion Ratio Lower Upper

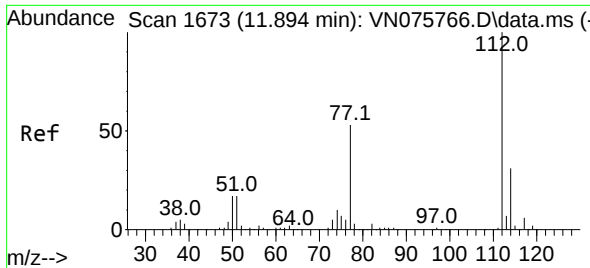
164 100

166 122.1 101.9 152.9

129 91.4 74.2 111.2

131 91.5 72.4 108.6





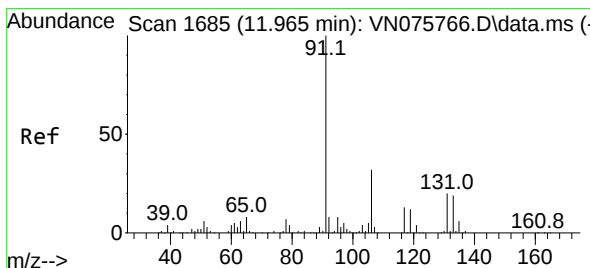
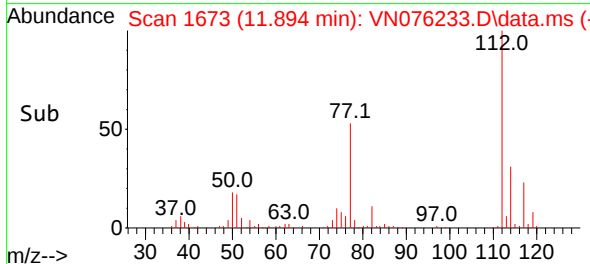
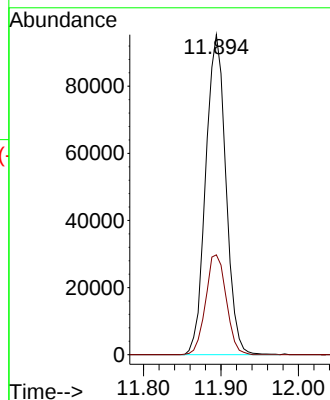
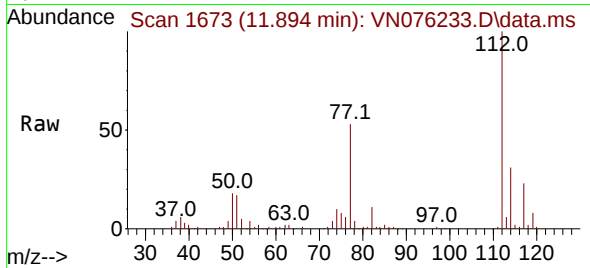
#65
Chlorobenzene
Concen: 18.728 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion:112 Resp: 17222
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1

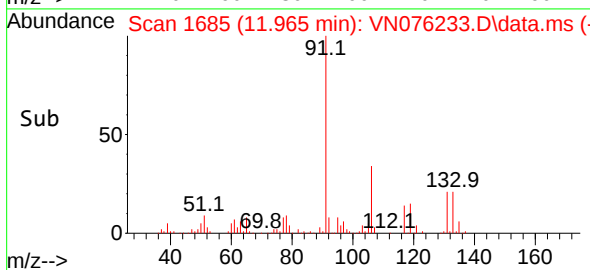
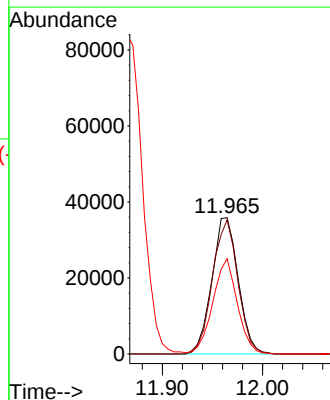
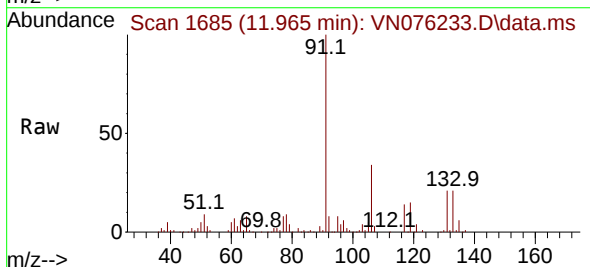
Manual Integrations
APPROVED

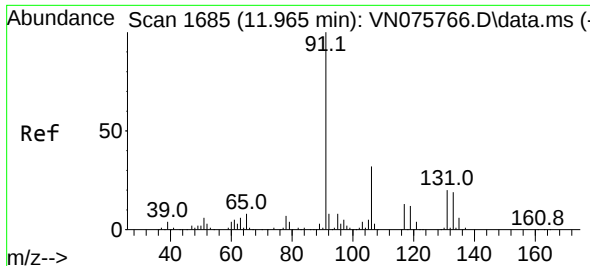
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.217 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion:131 Resp: 65456
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 65.1 31.9 95.7





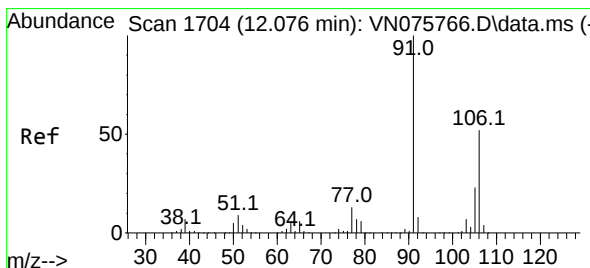
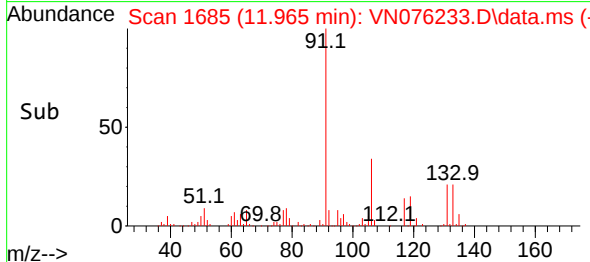
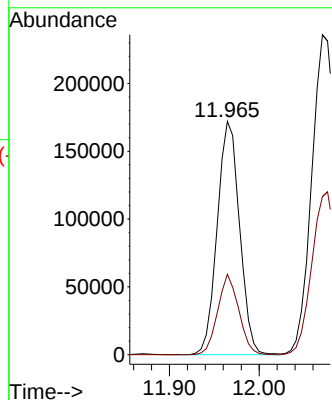
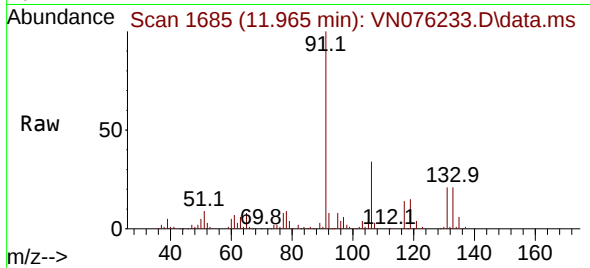
#67
Ethyl Benzene
Concen: 19.188 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion: 91 Resp: 297800
Ion Ratio Lower Upper
91 100
106 34.5 25.7 38.5

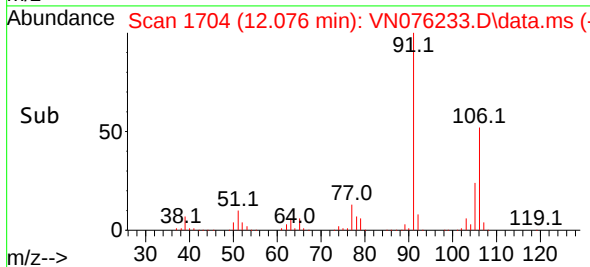
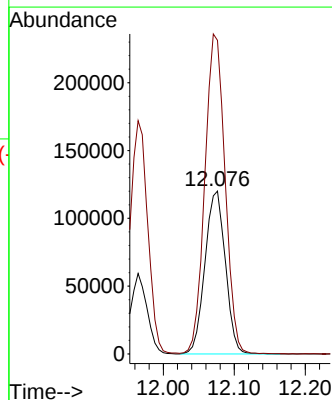
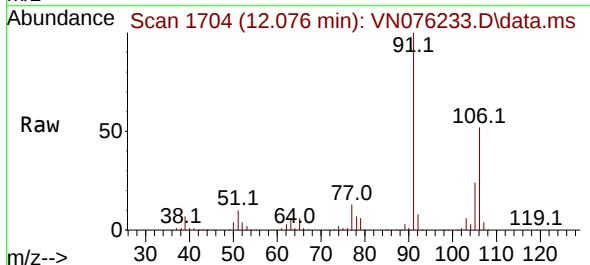
Manual Integrations
APPROVED

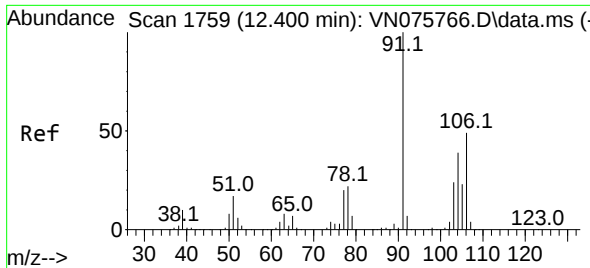
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#68
m/p-Xylenes
Concen: 39.070 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion:106 Resp: 240001
Ion Ratio Lower Upper
106 100
91 194.9 156.6 235.0





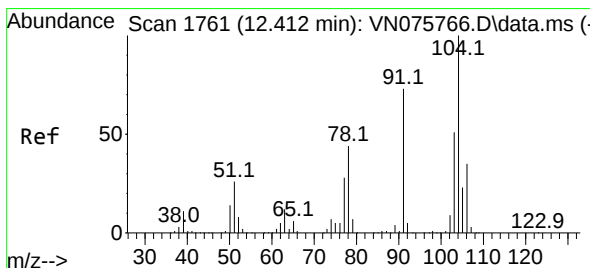
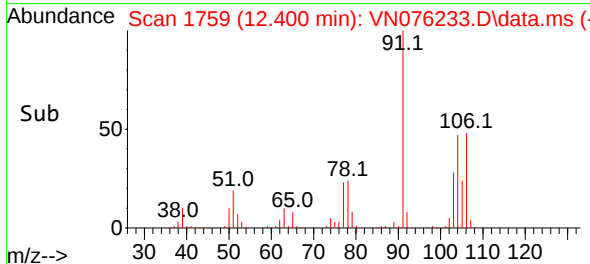
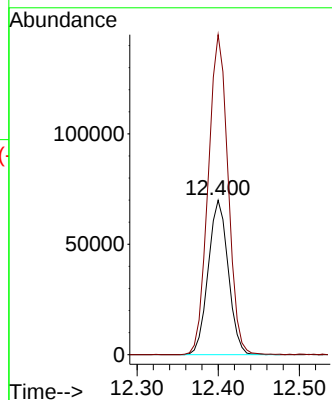
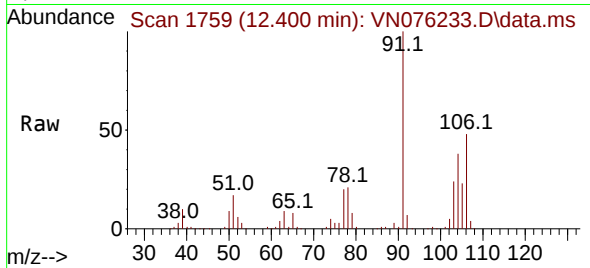
#69
o-Xylene
Concen: 19.688 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion:106 Resp: 11968
Ion Ratio Lower Upper
106 100
91 205.8 103.8 311.6

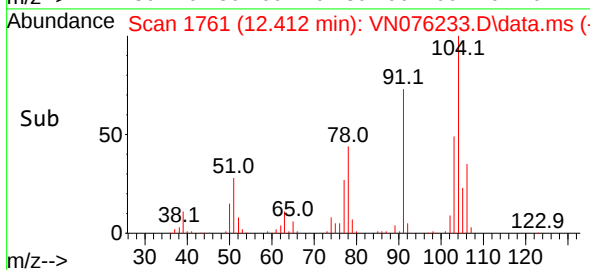
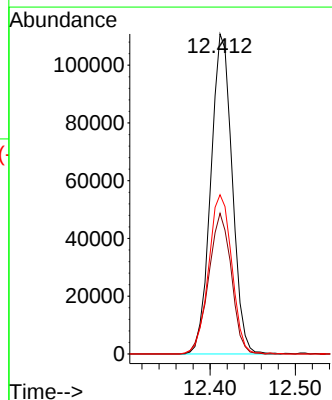
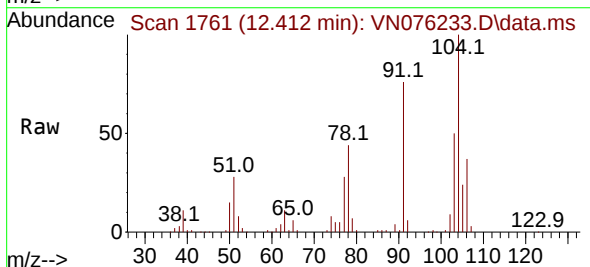
Manual Integrations
APPROVED

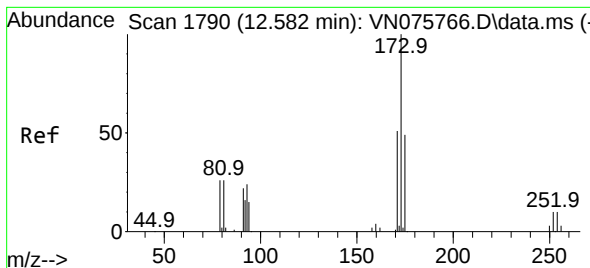
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#70
Styrene
Concen: 19.969 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion:104 Resp: 193020
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 53.8 43.5 65.3





#71

Bromoform

Concen: 19.498 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

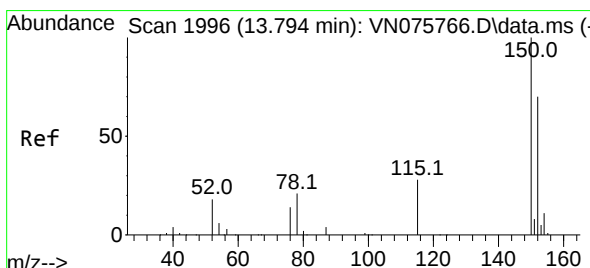
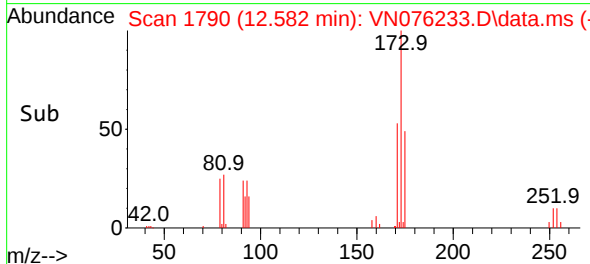
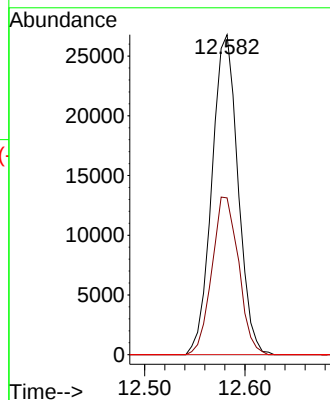
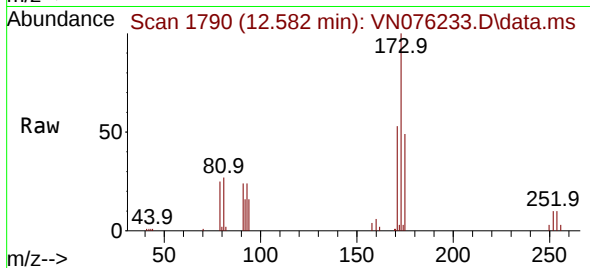
Tgt Ion:	173	Resp:	48325
Ion Ratio	Lower	Upper	
173	100		
175	50.3	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

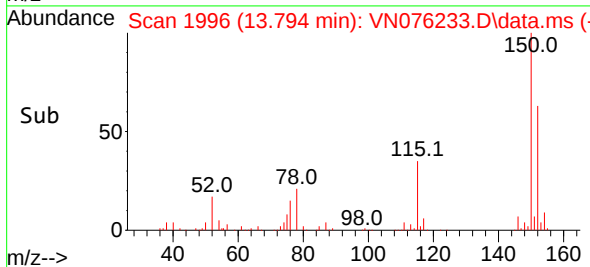
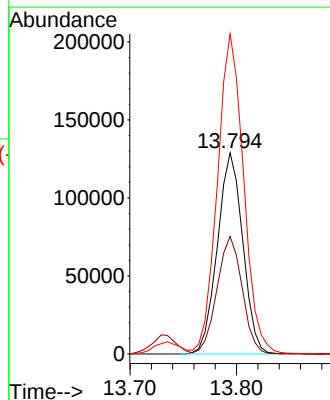
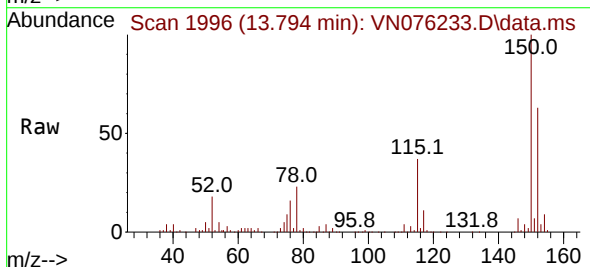
RT: 13.794 min Scan# 1996

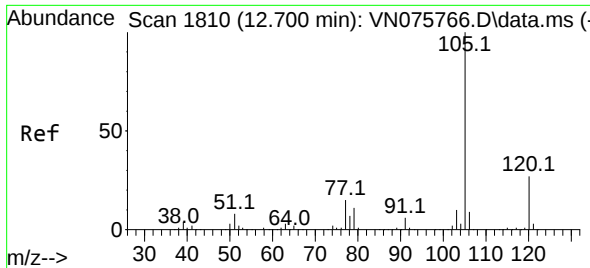
Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

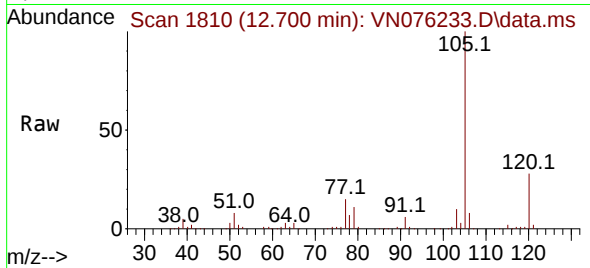
Tgt Ion:	152	Resp:	212865
Ion Ratio	Lower	Upper	
152	100		
115	57.8	29.1	87.4
150	164.6	0.0	347.0





#73
Isopropylbenzene
Concen: 19.914 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

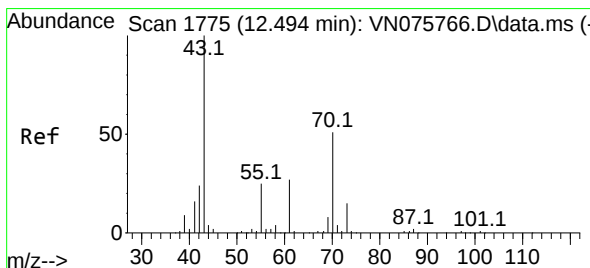
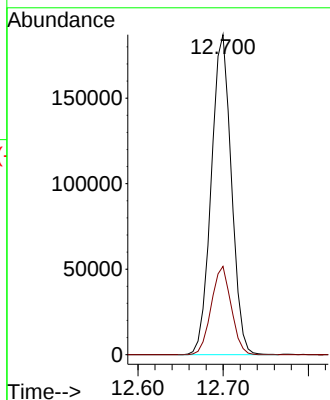
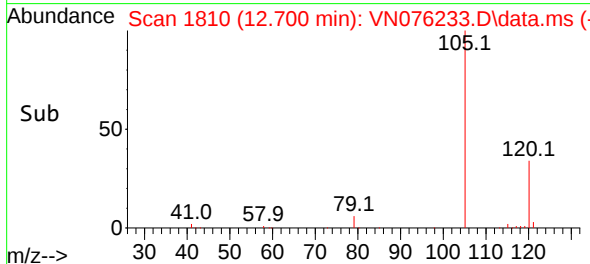
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



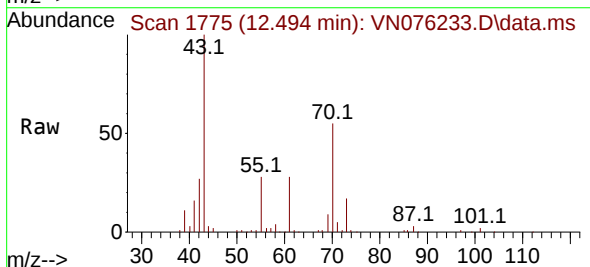
Tgt Ion:105 Resp: 306332
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

Manual Integrations
APPROVED

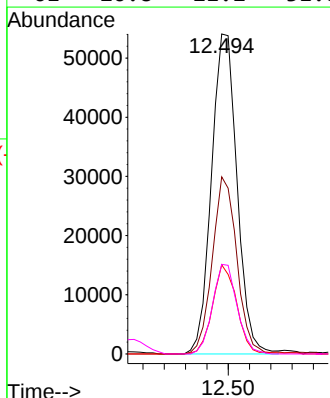
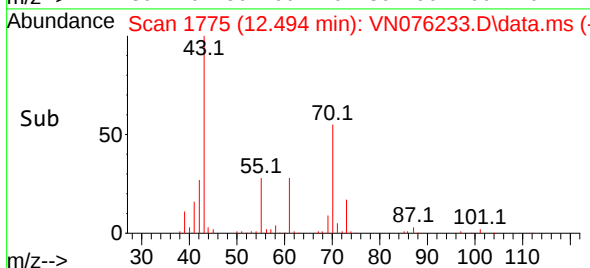
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

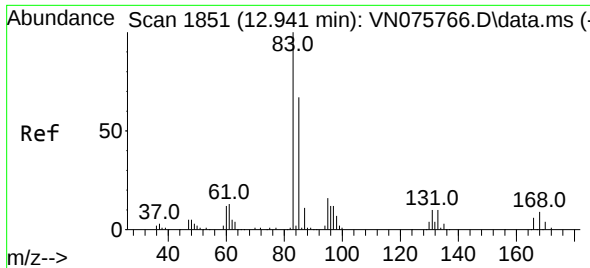


#74
N-ethyl acetate
Concen: 19.978 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



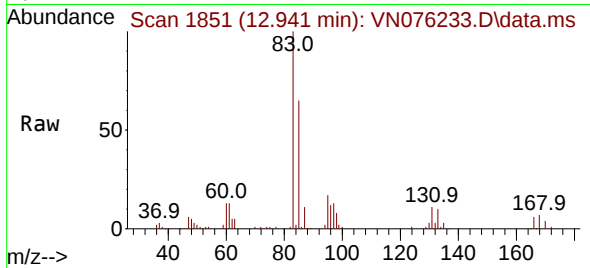
Tgt Ion: 43 Resp: 90156
Ion Ratio Lower Upper
43 100
70 52.9 41.4 62.0
55 26.6 21.3 31.9
61 26.8 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.294 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

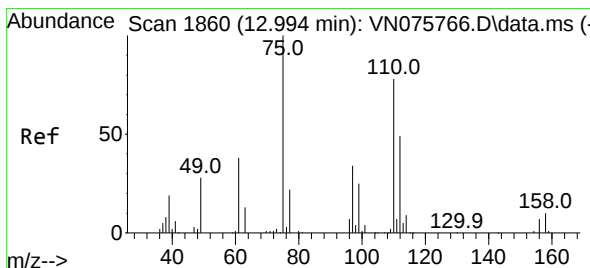
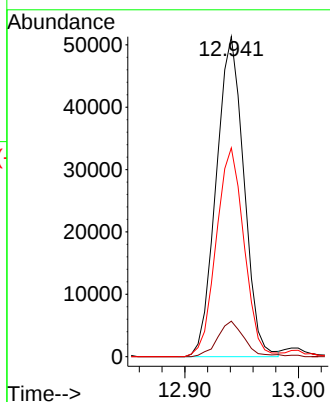
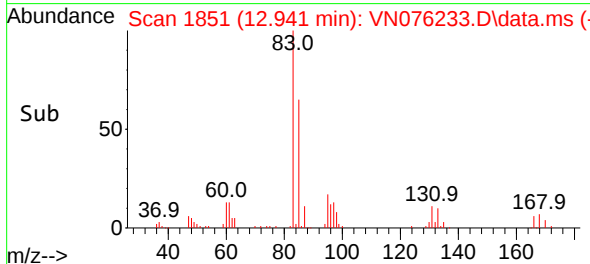
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



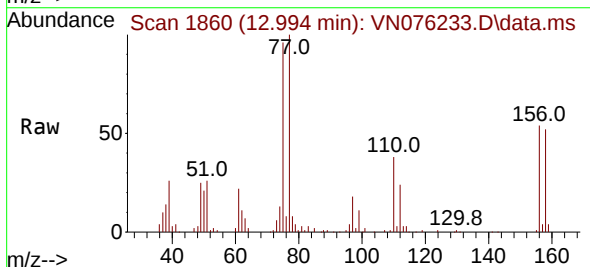
Tgt Ion: 83 Resp: 86992
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 65.4 32.6 98.0

Manual Integrations
APPROVED

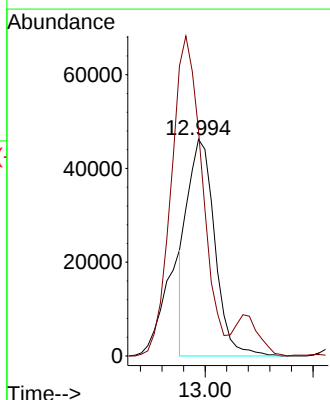
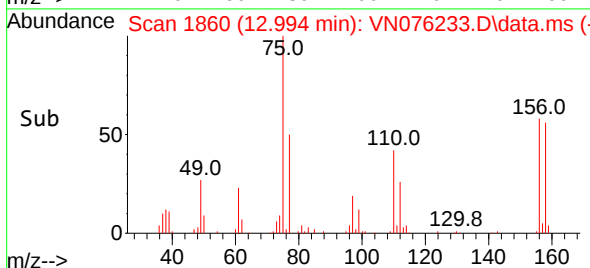
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

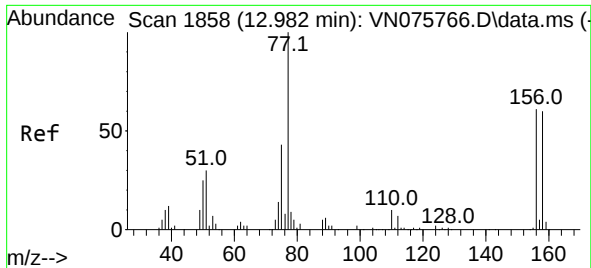


#76
1,2,3-Trichloropropane
Concen: 19.025 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



Tgt Ion: 75 Resp: 81634
Ion Ratio Lower Upper
75 100
77 168.1 82.6 247.8





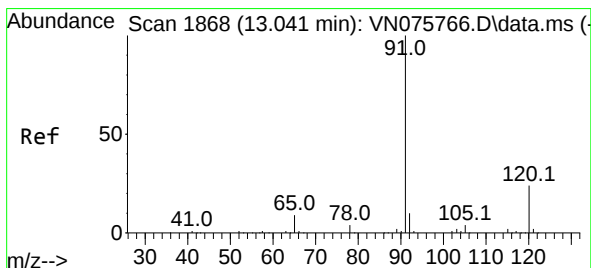
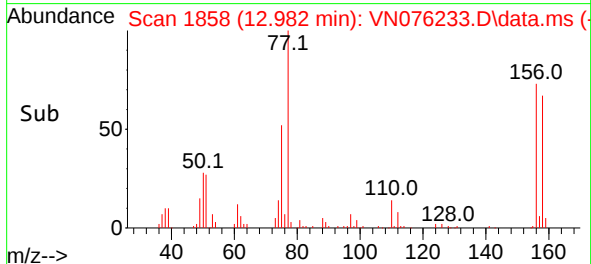
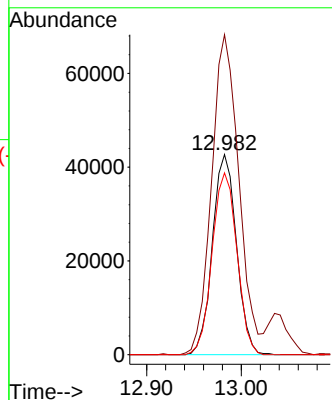
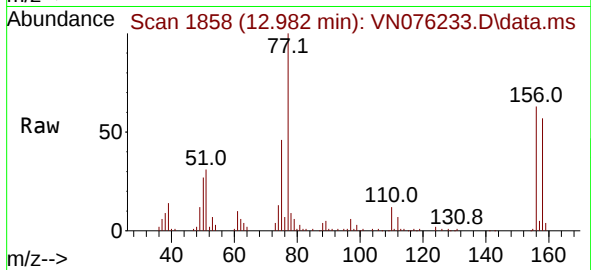
#77
Bromobenzene
Concen: 19.327 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion:156 Resp: 75239
Ion Ratio Lower Upper
156 100
77 182.4 93.8 281.3
158 93.7 48.9 146.6

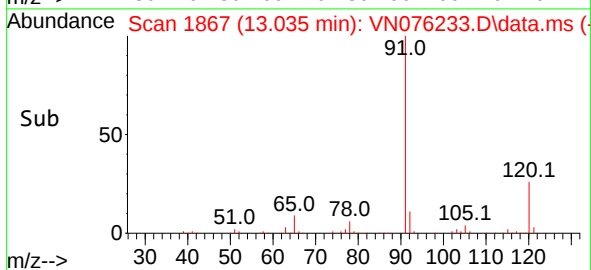
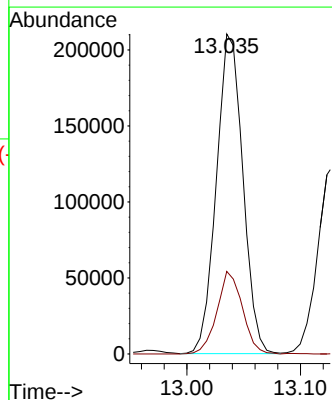
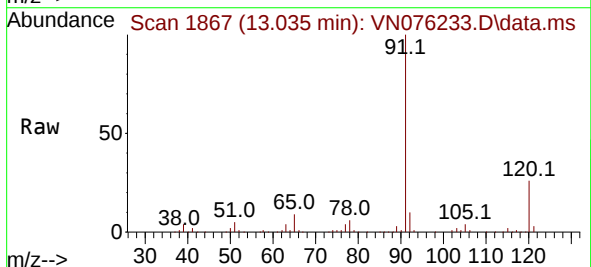
Manual Integrations
APPROVED

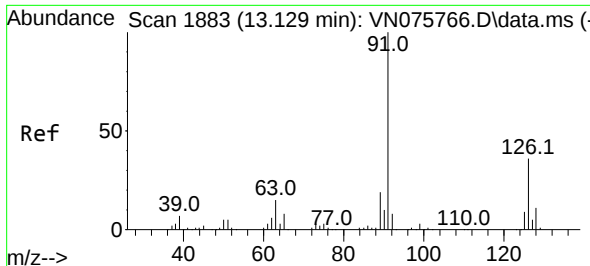
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#78
n-propylbenzene
Concen: 20.093 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

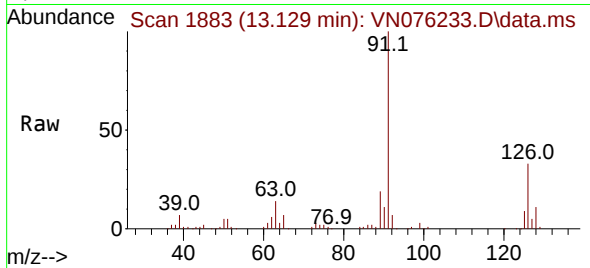
Tgt Ion: 91 Resp: 340903
Ion Ratio Lower Upper
91 100
120 24.7 12.0 36.1





#79
2-Chlorotoluene
Concen: 19.690 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

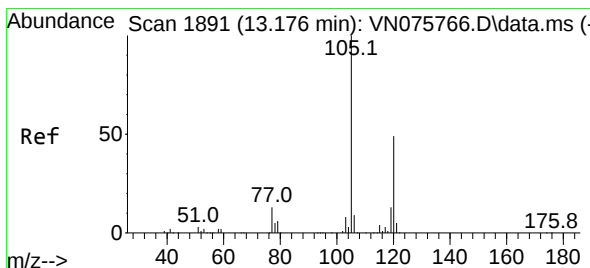
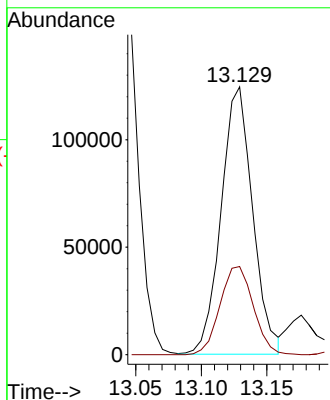
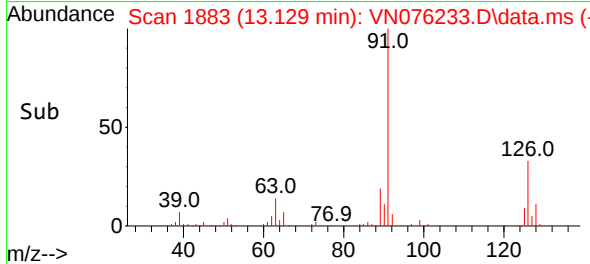
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



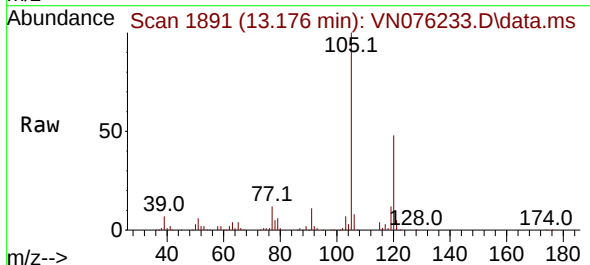
Tgt Ion: 91 Resp: 208530
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

Manual Integrations
APPROVED

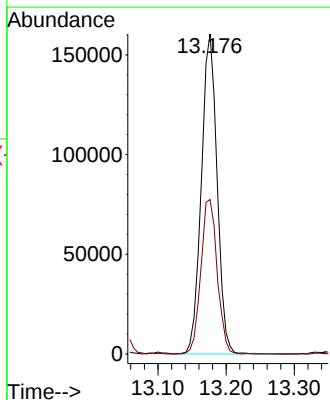
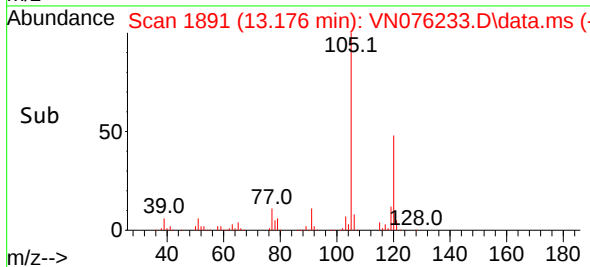
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

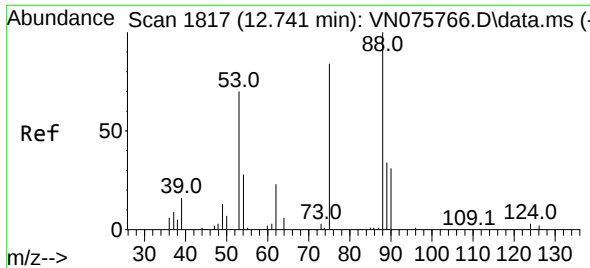


#80
1,3,5-Trimethylbenzene
Concen: 20.040 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



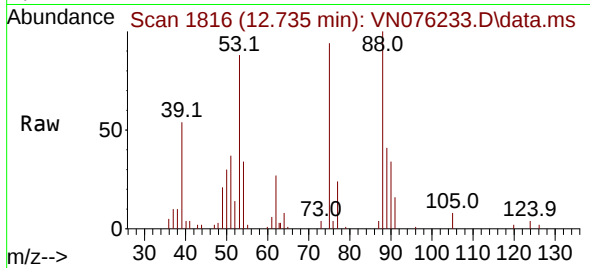
Tgt Ion:105 Resp: 258000
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 21.703 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

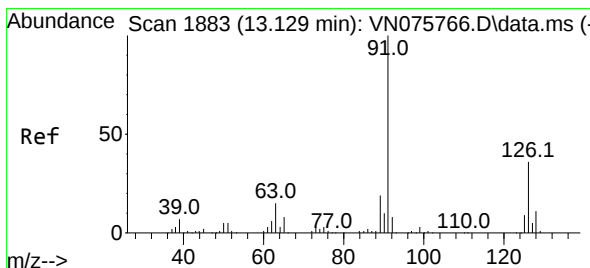
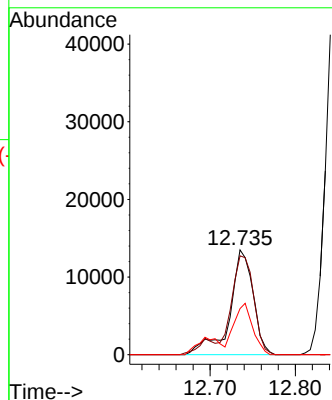
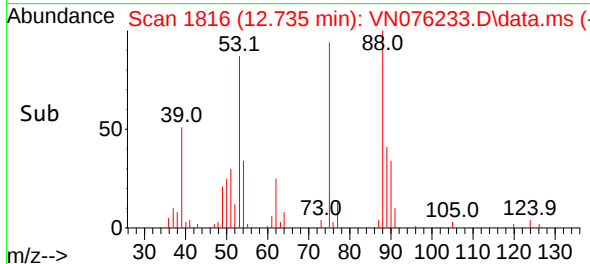
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



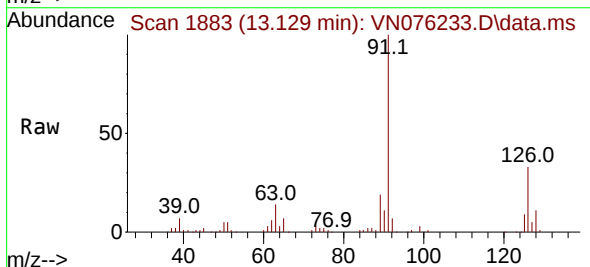
Tgt Ion: 75 Resp: 2587
Ion Ratio Lower Upper
75 100
53 89.2 73.8 110.6
89 39.1 39.5 59.3

Manual Integrations
APPROVED

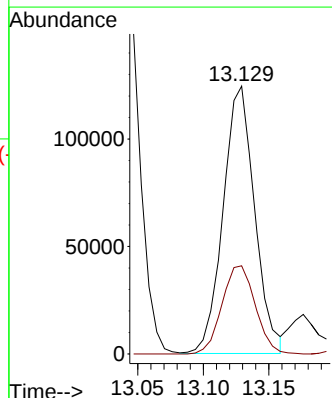
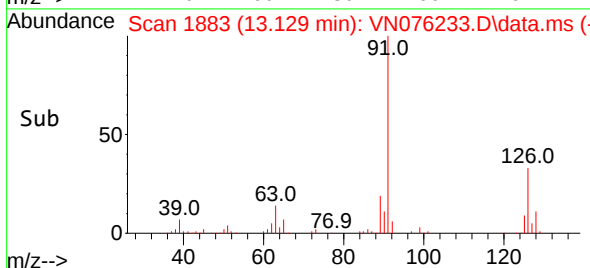
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

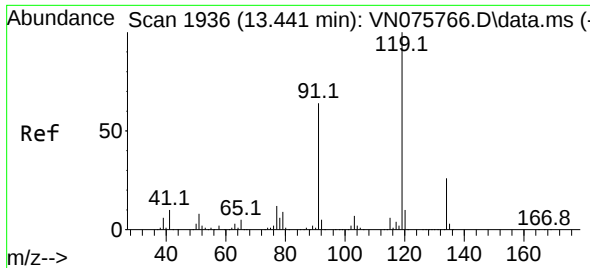


#82
4-Chlorotoluene
Concen: 19.690 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



Tgt Ion: 91 Resp: 208536
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5





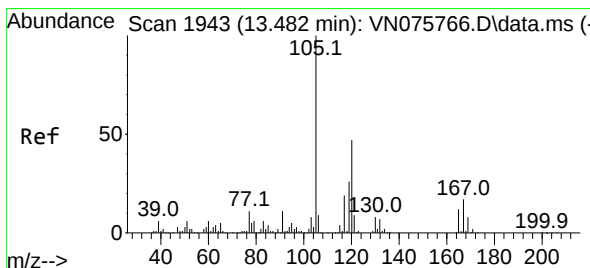
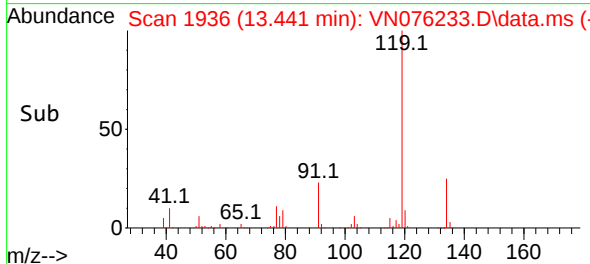
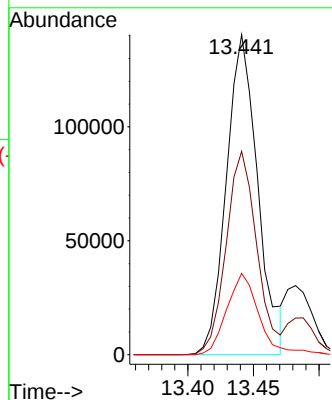
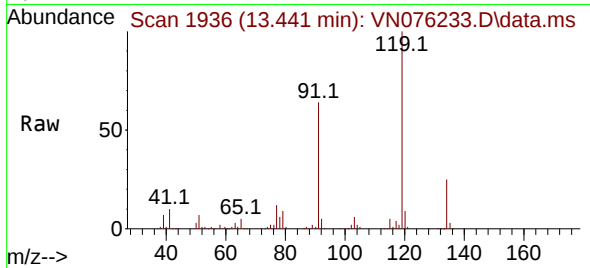
#83
tert-Butylbenzene
Concen: 20.602 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02

Tgt Ion:119 Resp: 233850
Ion Ratio Lower Upper
119 100
91 62.3 31.9 95.5
134 26.2 13.8 41.4

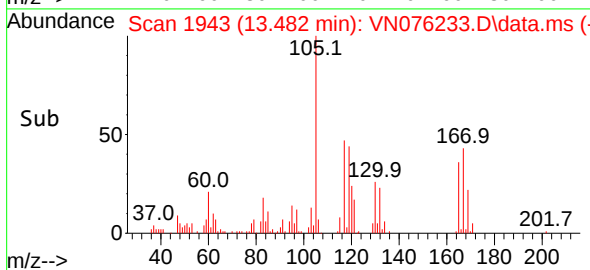
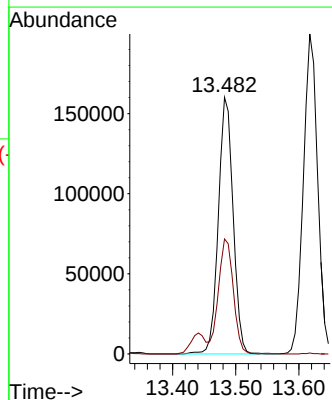
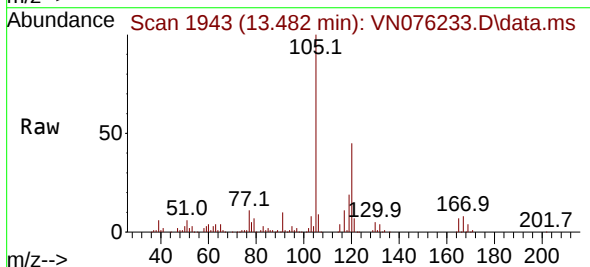
Manual Integrations
APPROVED

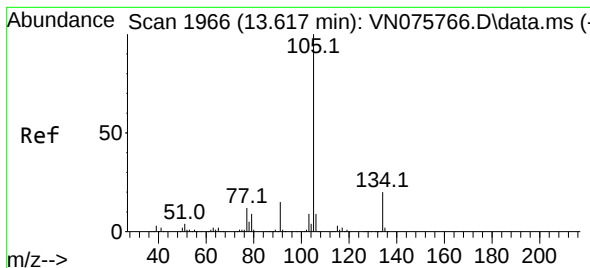
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.350 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

Tgt Ion:105 Resp: 259903
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.067 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

Tgt Ion:105 Resp: 314398

Ion Ratio Lower Upper

105 100

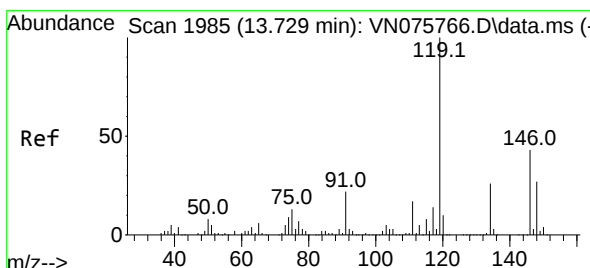
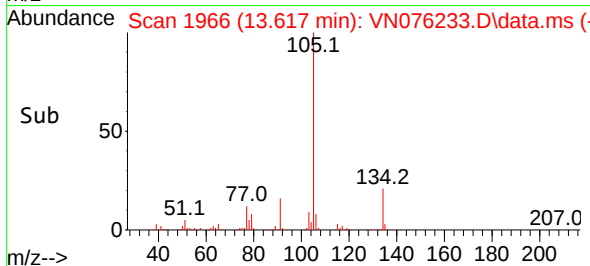
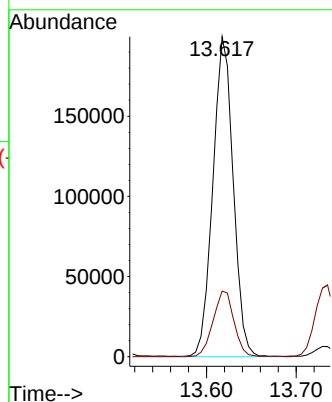
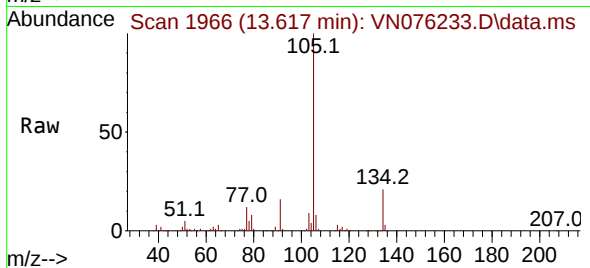
134 21.1 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#86

p-Isopropyltoluene

Concen: 20.350 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

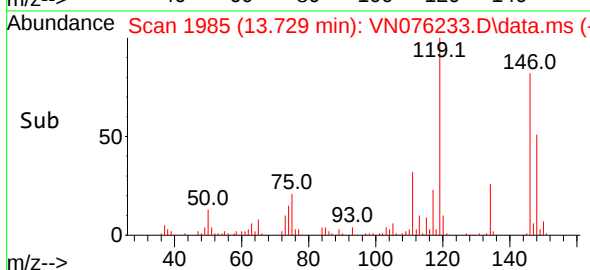
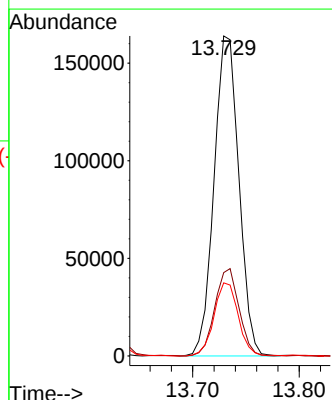
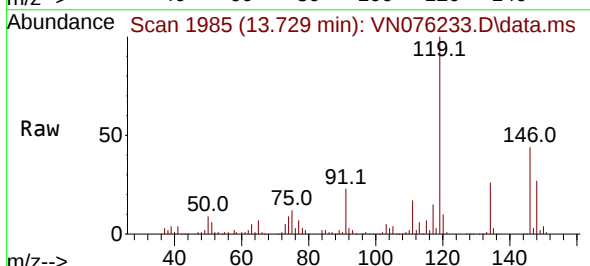
Tgt Ion:119 Resp: 265289

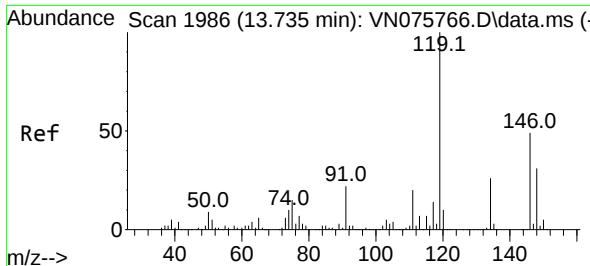
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

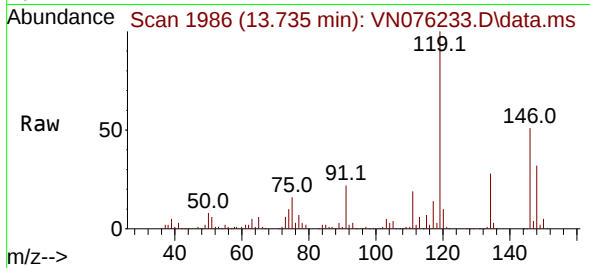
91 22.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 18.924 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

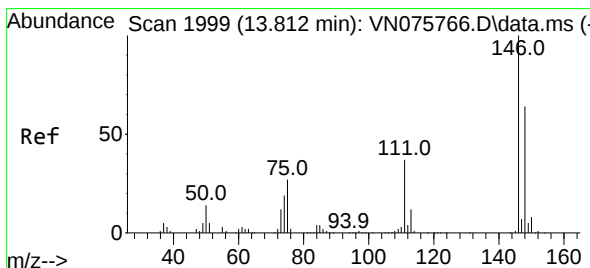
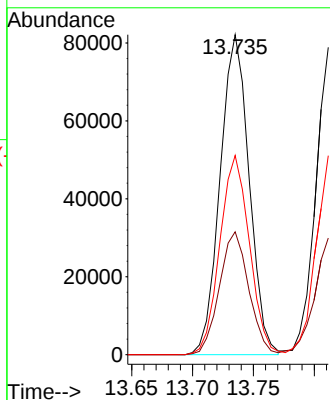
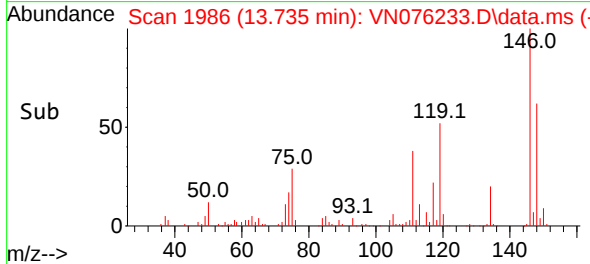
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



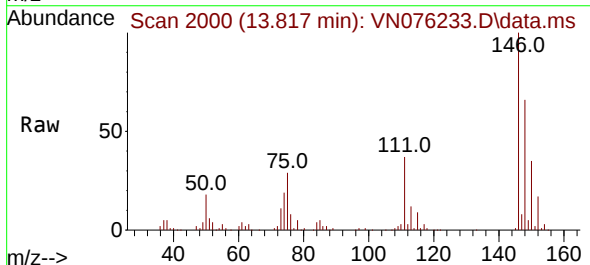
Tgt Ion:146 Resp: 136085
Ion Ratio Lower Upper
146 100
111 38.9 19.7 59.0
148 63.6 31.4 94.2

Manual Integrations
APPROVED

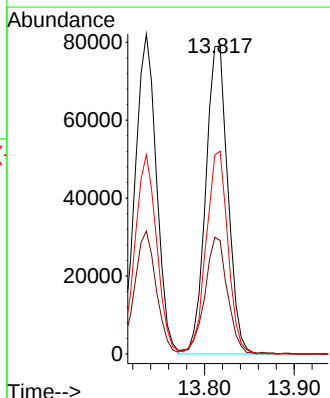
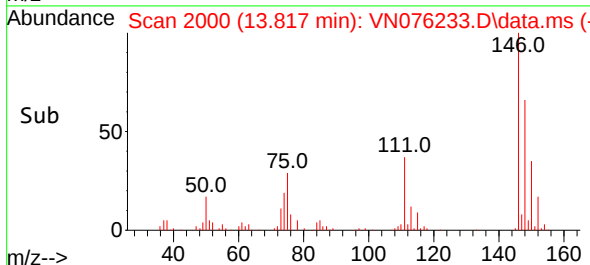
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

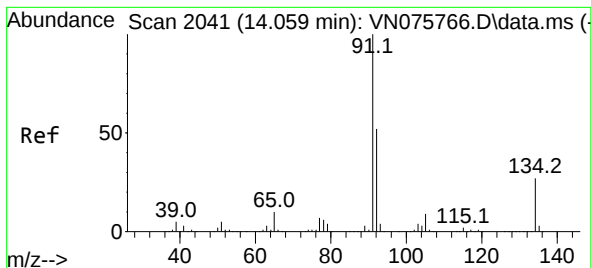


#88
1,4-Dichlorobenzene
Concen: 18.449 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



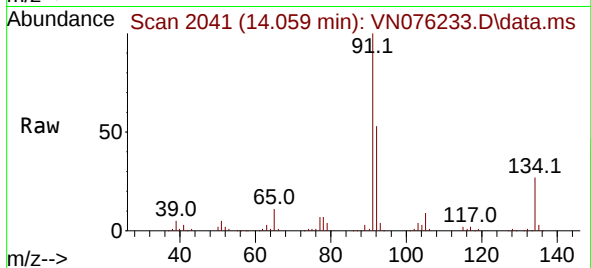
Tgt Ion:146 Resp: 135526
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 64.7 32.0 96.2





#89
n-Butylbenzene
Concen: 19.450 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

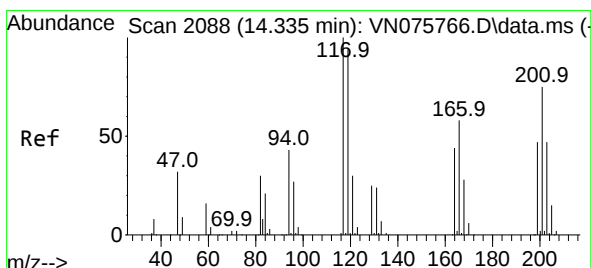
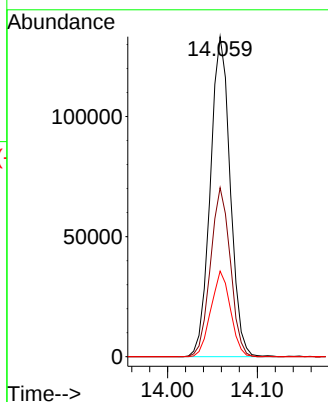
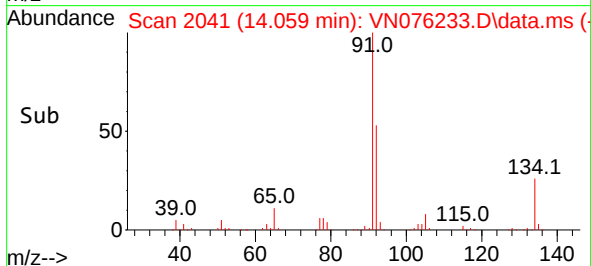
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



Tgt Ion: 91 Resp: 205414
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.2
134 26.3 13.4 40.2

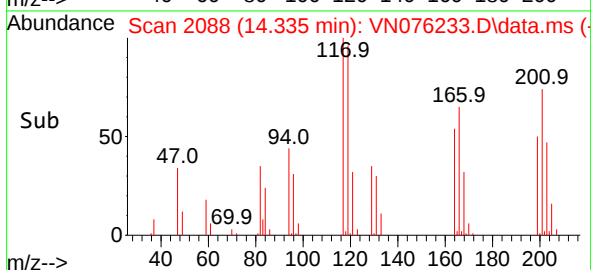
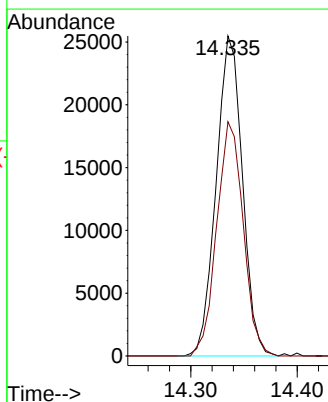
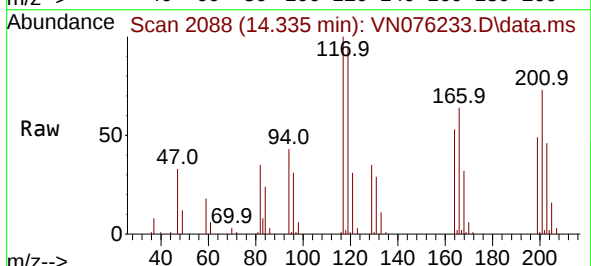
Manual Integrations
APPROVED

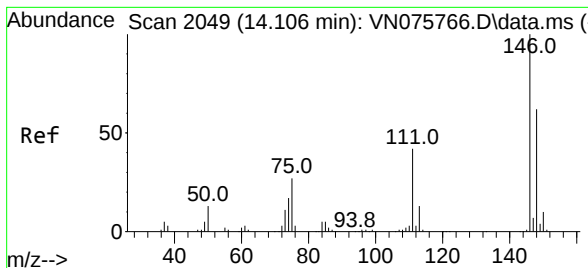
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#90
Hexachloroethane
Concen: 18.664 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

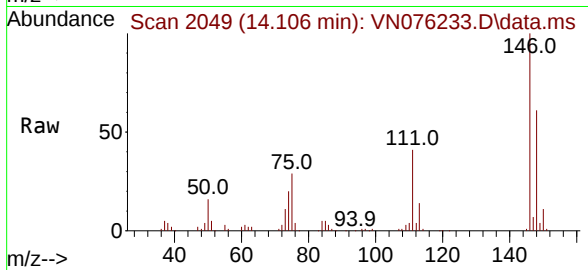
Tgt Ion:117 Resp: 43523
Ion Ratio Lower Upper
117 100
201 74.1 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 19.349 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47

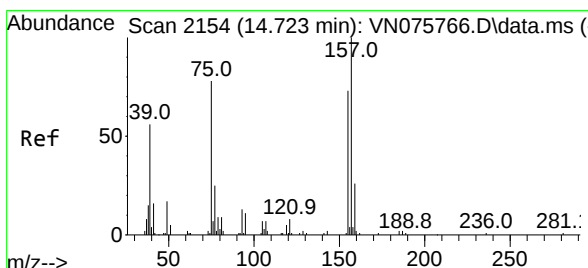
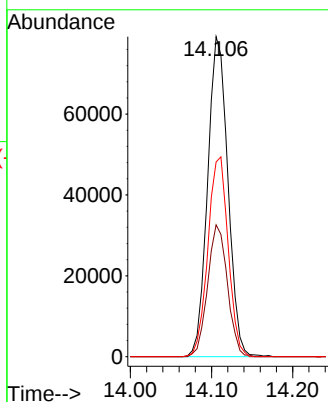
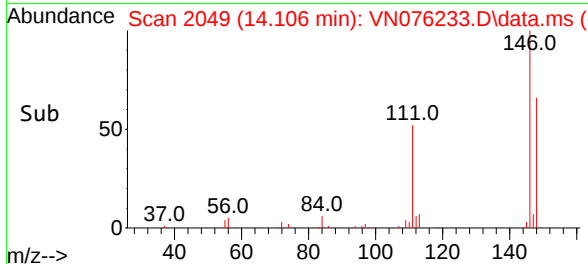
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD02



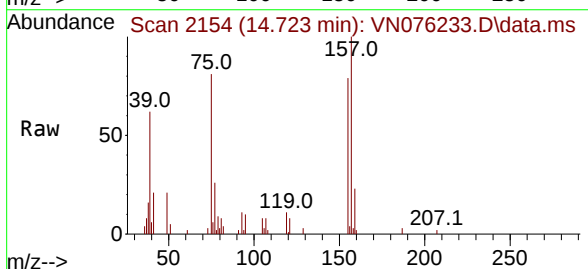
Tgt Ion:146 Resp: 137054
Ion Ratio Lower Upper
146 100
111 40.2 20.3 61.0
148 62.5 31.7 95.1

Manual Integrations
APPROVED

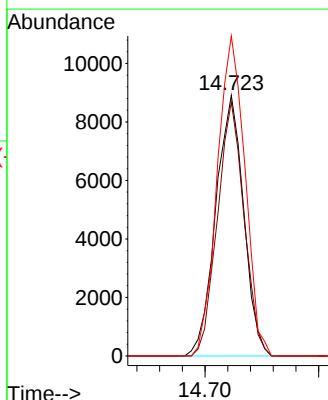
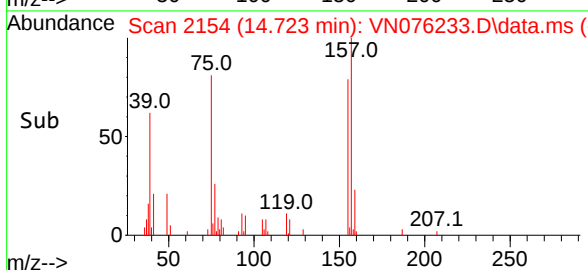
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

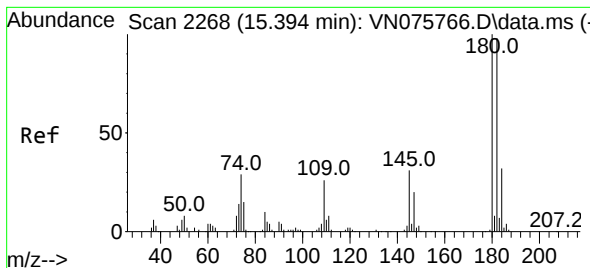


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.015 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076233.D
Acq: 12 Jan 2023 16:47



Tgt Ion: 75 Resp: 15201
Ion Ratio Lower Upper
75 100
155 92.4 49.3 147.8
157 121.7 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.619 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076233.D

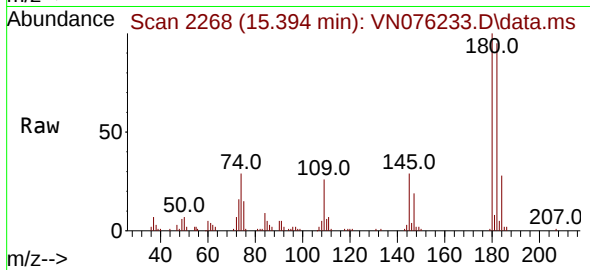
Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02



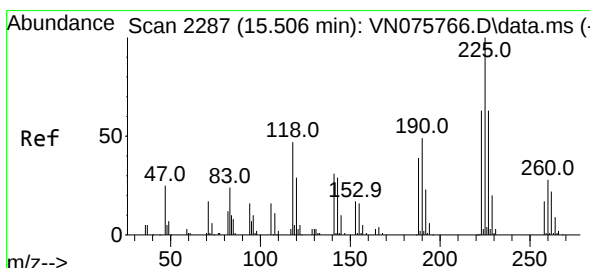
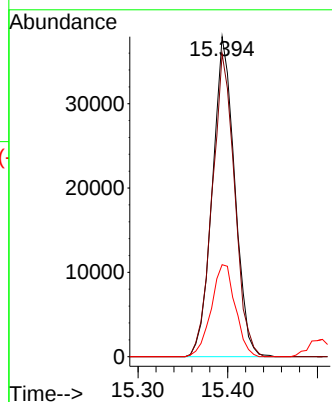
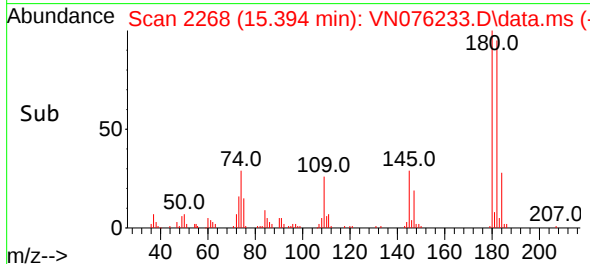
Tgt Ion:	180	Resp:	65290
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.5
145	31.1	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#94

Hexachlorobutadiene

Concen: 18.063 ug/l

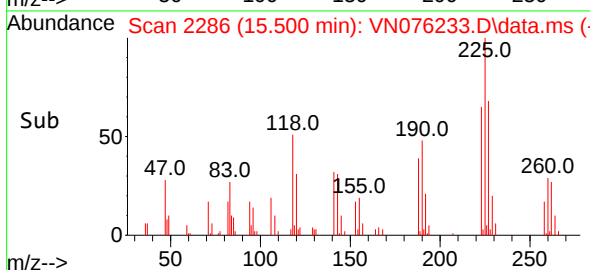
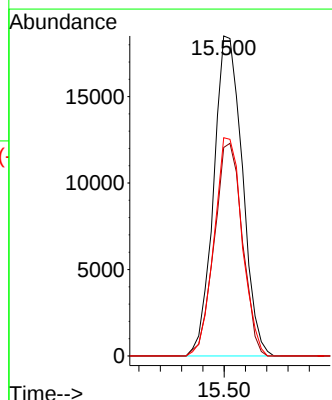
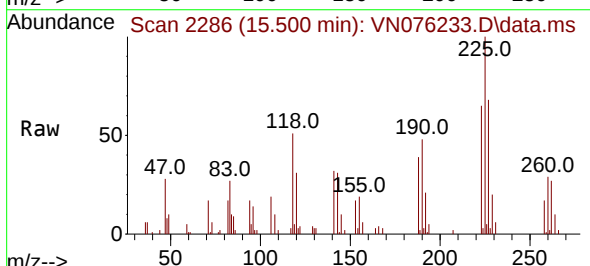
RT: 15.500 min Scan# 2286

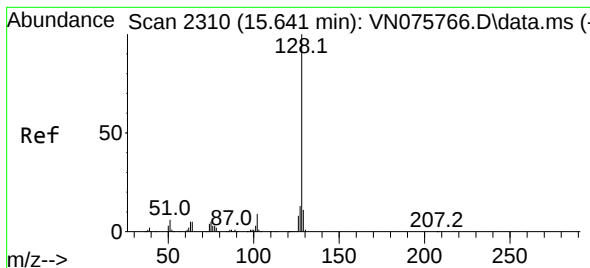
Delta R.T. -0.006 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Tgt Ion:	225	Resp:	34558
Ion Ratio	Lower	Upper	
225	100		
223	65.0	31.5	94.5
227	66.7	31.6	95.0





#95

Naphthalene

Concen: 18.420 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD02

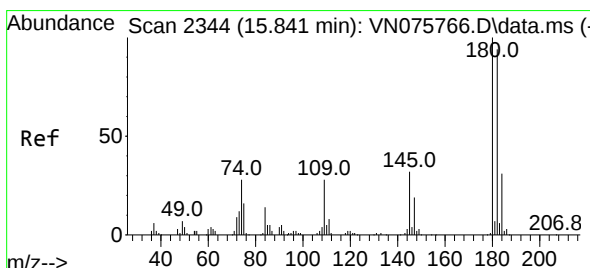
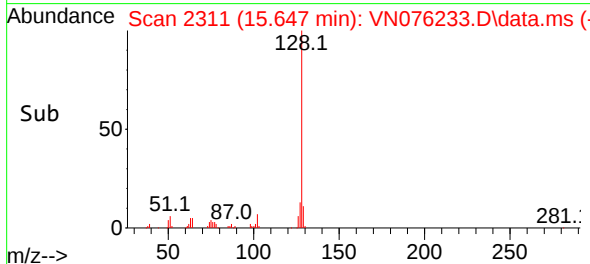
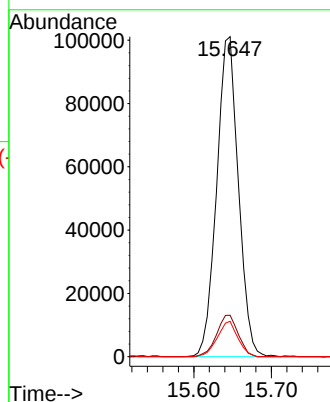
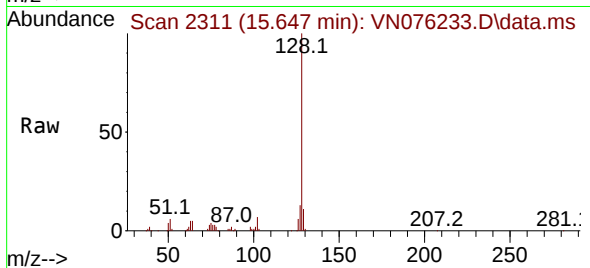
Tgt Ion:128	Resp: 19673
Ion Ratio	Lower Upper
128 100	
127 12.9	10.4 15.6
129 10.5	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.380 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076233.D

Acq: 12 Jan 2023 16:47

Tgt Ion:180	Resp: 63518
Ion Ratio	Lower Upper
180 100	
182 96.7	47.0 141.0
145 32.9	16.0 47.9

