

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076253.D
 Acq On : 13 Jan 2023 17:03
 Operator : JC\MD
 Sample : VN0113MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 16 01:12:16 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	354813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	568425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	499211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186292	48.262	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	8.171	113	169632	48.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	10.570	98	599503	45.550	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.100%		
62) 4-Bromofluorobenzene	12.853	95	204296	46.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	58022	23.031	ug/l	94
3) Chloromethane	2.377	50	57894	18.481	ug/l	97
4) Vinyl Chloride	2.530	62	69977	18.726	ug/l	100
5) Bromomethane	2.959	94	57365	18.063	ug/l	96
6) Chloroethane	3.130	64	52817	19.086	ug/l	95
7) Trichlorofluoromethane	3.512	101	98898	17.442	ug/l	95
8) Diethyl Ether	3.977	74	34773	16.790	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	59763	18.458	ug/l	97
10) Methyl Iodide	4.600	142	84577	16.096	ug/l	98
11) Tert butyl alcohol	5.535	59	45115	82.599	ug/l	99
12) 1,1-Dichloroethene	4.353	96	52082	16.562	ug/l	98
13) Acrolein	4.189	56	55327	82.625	ug/l	100
14) Allyl chloride	5.041	41	67403	18.336	ug/l	99
15) Acrylonitrile	5.730	53	128208	86.016	ug/l	99
16) Acetone	4.447	43	109066	81.966	ug/l	97
17) Carbon Disulfide	4.730	76	104045	13.665	ug/l	99
18) Methyl Acetate	5.036	43	73512	18.690	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	192926	18.630	ug/l	98
20) Methylene Chloride	5.300	84	62246	17.065	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	56136	16.300	ug/l	96
22) Diisopropyl ether	6.688	45	159114	17.818	ug/l	97
23) Vinyl Acetate	6.618	43	500974	83.347	ug/l	100
24) 1,1-Dichloroethane	6.577	63	102757	17.254	ug/l	98
25) 2-Butanone	7.494	43	162497	87.218	ug/l	96
26) 2,2-Dichloropropane	7.500	77	88607	17.568	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	69744	16.933	ug/l	96
28) Bromochloromethane	7.824	49	46005	17.624	ug/l	99
29) Tetrahydrofuran	7.847	42	106502	91.217	ug/l	96
30) Chloroform	7.977	83	113987	16.999	ug/l	93
31) Cyclohexane	8.265	56	91359	16.526	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	100390	16.887	ug/l	99
36) 1,1-Dichloropropene	8.377	75	78933	16.880	ug/l	98
37) Ethyl Acetate	7.571	43	70228	18.697	ug/l	97
38) Carbon Tetrachloride	8.371	117	87934	16.801	ug/l	96
39) Methylcyclohexane	9.606	83	99043	17.556	ug/l	99
40) Benzene	8.612	78	241258	16.722	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	34511	17.676	ug/l	95
42) 1,2-Dichloroethane	8.676	62	84003	17.513	ug/l	99
43) Isopropyl Acetate	8.694	43	138496	22.352	ug/l #	91
44) Trichloroethene	9.359	130	67146	16.520	ug/l	97
45) 1,2-Dichloropropane	9.629	63	59856	17.049	ug/l	99
46) Dibromomethane	9.712	93	44176	16.964	ug/l	98
47) Bromodichloromethane	9.888	83	86112	16.863	ug/l	97
48) Methyl methacrylate	9.682	41	51506	18.457	ug/l	97
49) 1,4-Dioxane	9.700	88	22960	334.664	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	350883	93.641	ug/l	96
52) Toluene	10.629	92	164102	17.464	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	85301	17.064	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	96552	17.592	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65857	17.856	ug/l	98
56) Ethyl methacrylate	10.876	69	89409	18.251	ug/l	97
57) 1,3-Dichloropropane	11.165	76	105195	17.389	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	162106	103.934	ug/l	100
59) 2-Hexanone	11.194	43	249085	91.152	ug/l	98
60) Dibromochloromethane	11.359	129	67222	16.389	ug/l	99
61) 1,2-Dibromoethane	11.470	107	64294	17.226	ug/l	98
64) Tetrachloroethene	11.106	164	73492	20.921	ug/l	98
65) Chlorobenzene	11.894	112	175194	17.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	65120	17.159	ug/l	97
67) Ethyl Benzene	11.964	91	308438	17.836	ug/l	99
68) m/p-Xylenes	12.076	106	245551	35.875	ug/l	98
69) o-Xylene	12.400	106	123858	18.286	ug/l	98
70) Styrene	12.412	104	195540	18.156	ug/l	99
71) Bromoform	12.582	173	46286	16.761	ug/l #	96
73) Isopropylbenzene	12.700	105	322017	18.878	ug/l	99
74) N-amyl acetate	12.500	43	94519	18.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	92297	17.503	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	90526m	19.026	ug/l	
77) Bromobenzene	12.982	156	78001	18.069	ug/l	94
78) n-propylbenzene	13.035	91	352235	18.723	ug/l	100
79) 2-Chlorotoluene	13.129	91	215261	18.330	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	266508	18.668	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23098	17.474	ug/l #	81
82) 4-Chlorotoluene	13.129	91	215261	18.330	ug/l	100
83) tert-Butylbenzene	13.441	119	248389	19.734	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	272452	19.238	ug/l	98
85) sec-Butylbenzene	13.617	105	333396	19.190	ug/l	98
86) p-Isopropyltoluene	13.729	119	277488	19.196	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	137920	17.296	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	137861	16.924	ug/l	99
89) n-Butylbenzene	14.058	91	215741	18.422	ug/l	99
90) Hexachloroethane	14.335	117	46005	17.791	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	140316	17.865	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14648	15.655	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	66382	17.071	ug/l	100
94) Hexachlorobutadiene	15.500	225	37970	17.898	ug/l	100
95) Naphthalene	15.641	128	199693	17.045	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	65039	17.895	ug/l	98

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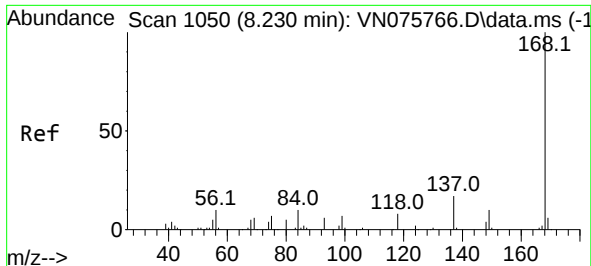
Manual Integrations
APPROVED

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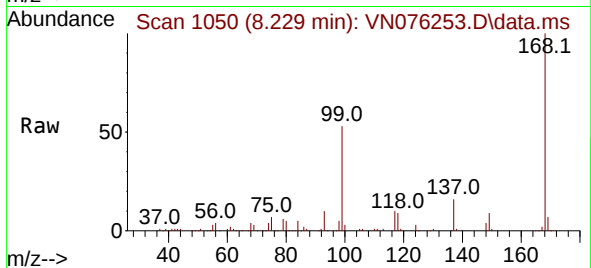
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

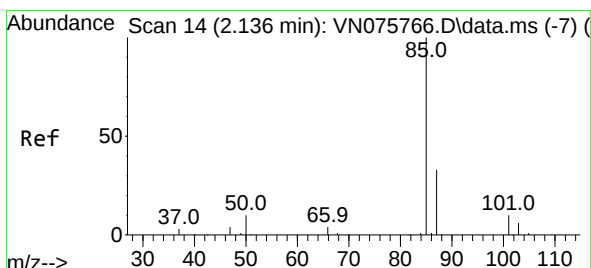
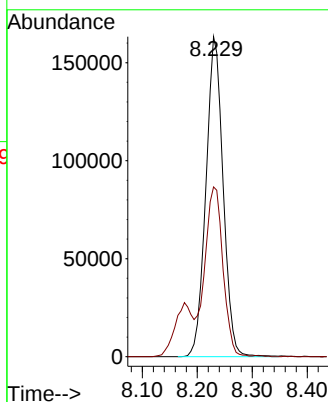
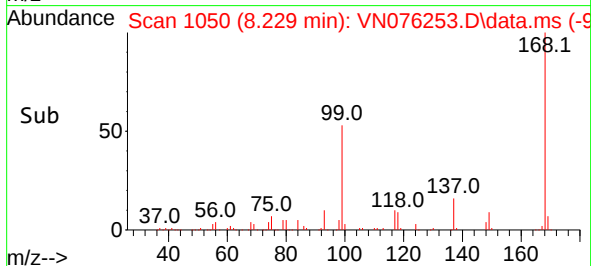
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion:168 Resp: 35481
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4

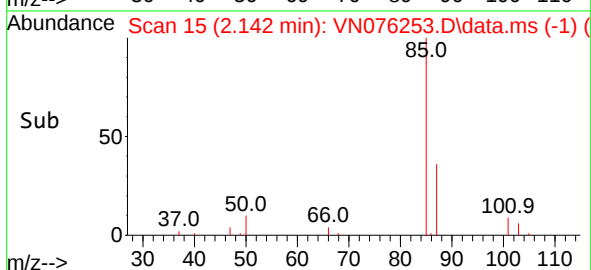
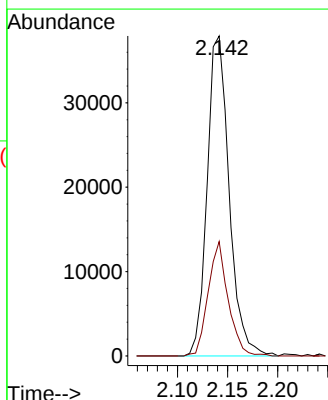
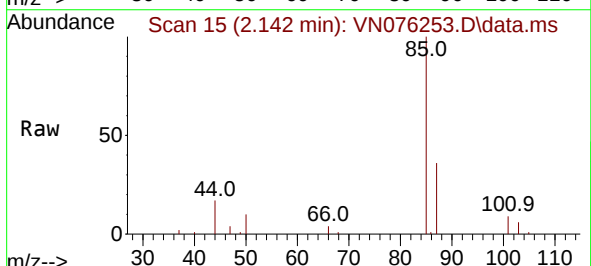
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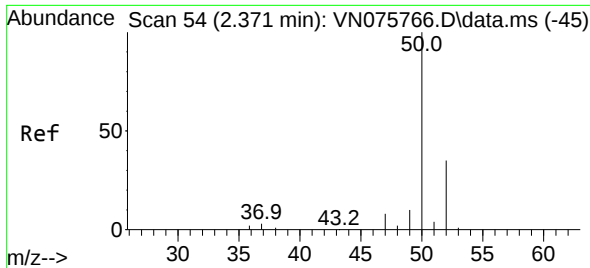
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#2
Dichlorodifluoromethane
Concen: 23.031 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 85 Resp: 58022
Ion Ratio Lower Upper
85 100
87 35.7 16.3 48.9





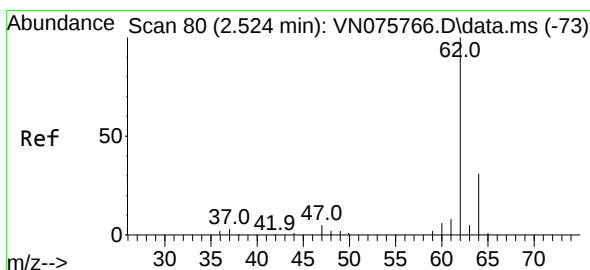
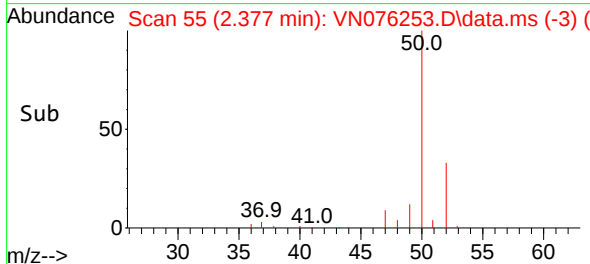
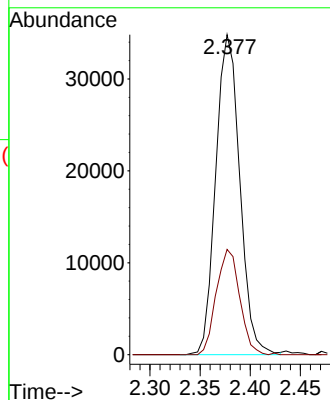
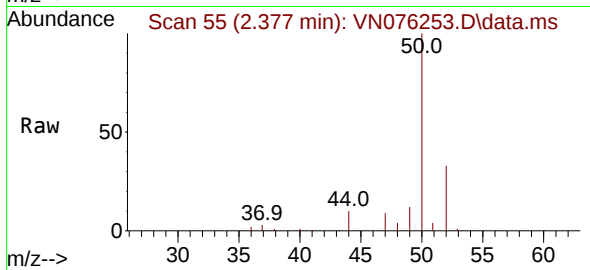
#3
Chloromethane
Concen: 18.481 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076253.D
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Tgt Ion: 50 Resp: 57894
Ion Ratio Lower Upper
50 100
52 32.9 27.7 41.5

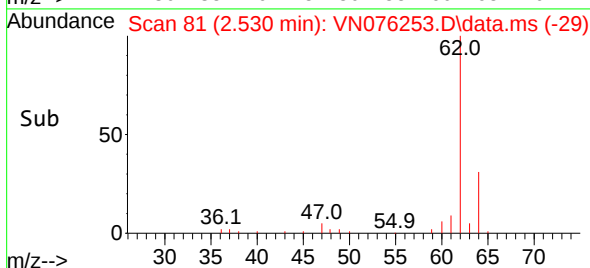
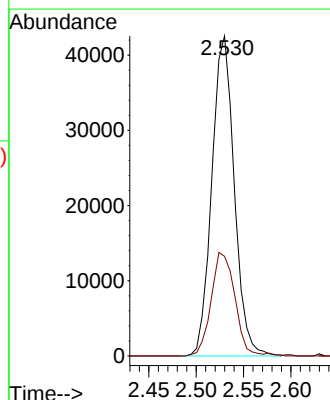
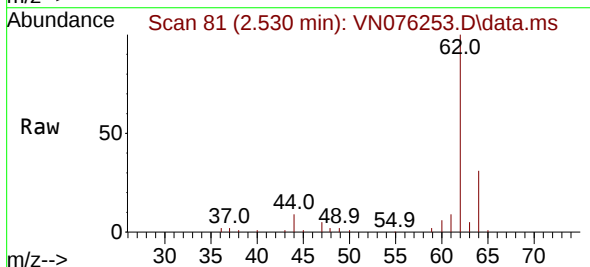
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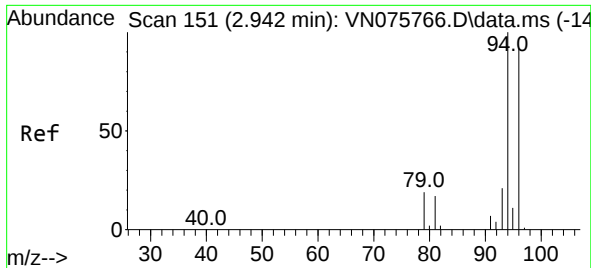
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#4
Vinyl Chloride
Concen: 18.726 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 62 Resp: 69977
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3





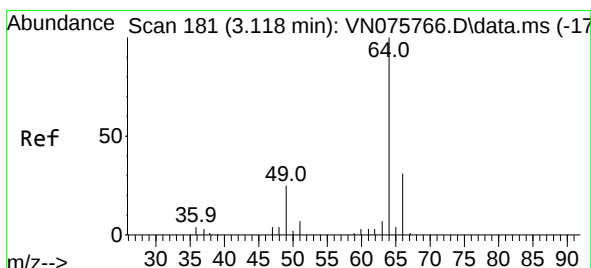
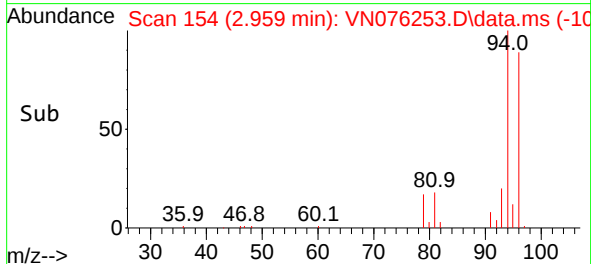
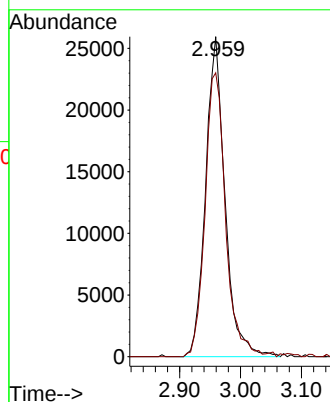
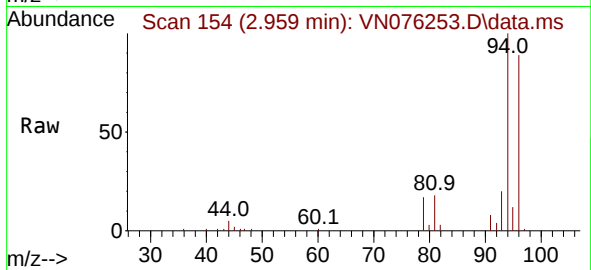
#5
Bromomethane
Concen: 18.063 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.017 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
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Tgt Ion: 94 Resp: 5736
Ion Ratio Lower Upper
94 100
96 88.7 73.8 110.6

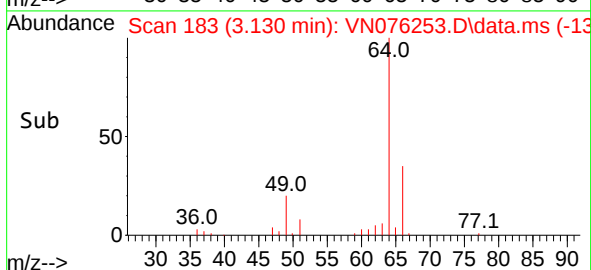
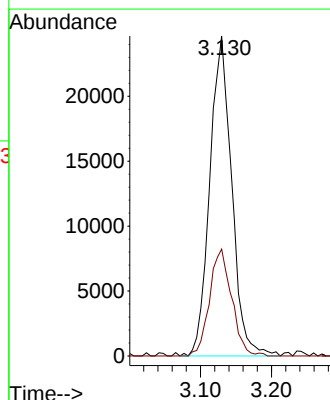
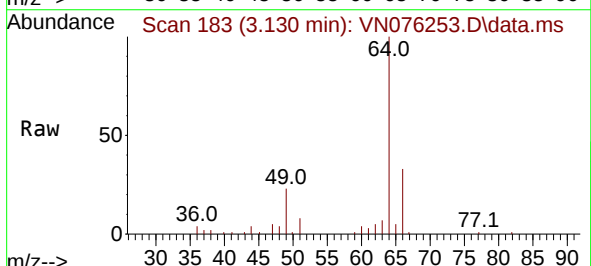
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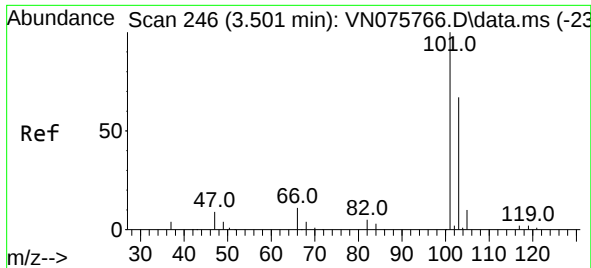
Reviewed By :John Carlone 01/16/2023
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#6
Chloroethane
Concen: 19.086 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076253.D
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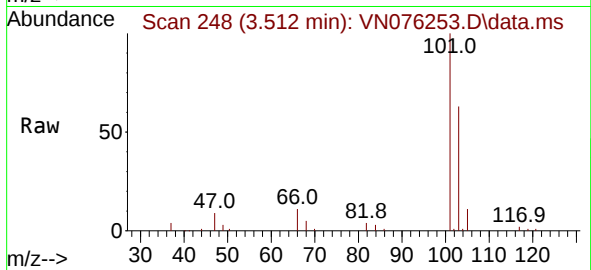
Tgt Ion: 64 Resp: 52817
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.442 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

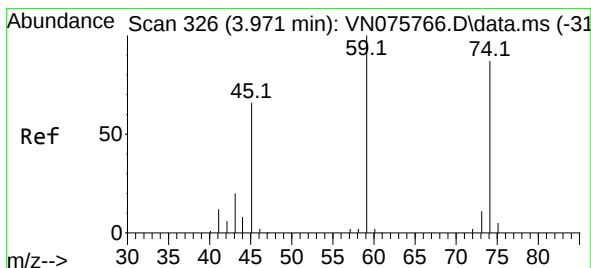
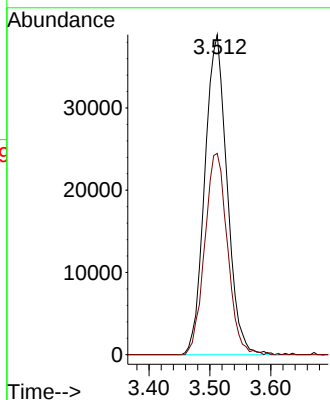
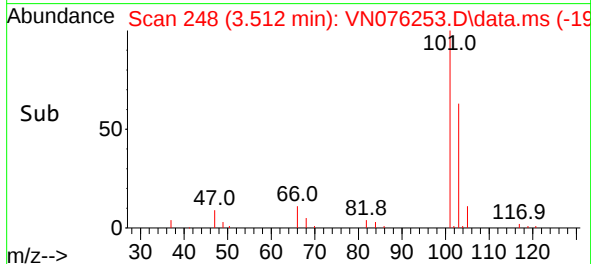
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01



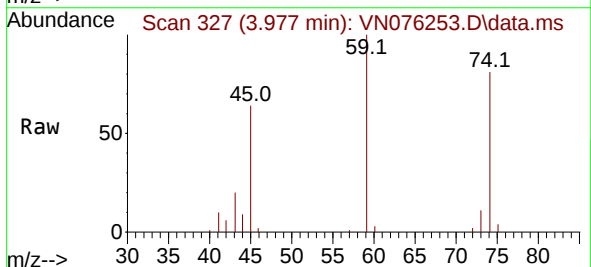
Tgt Ion:101 Resp: 98898
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.4 80.2

Manual Integrations
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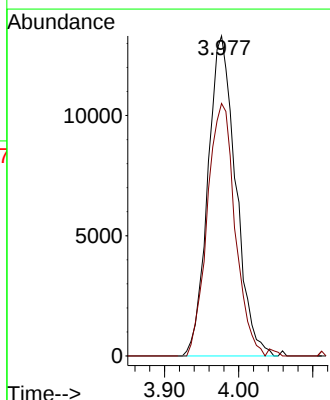
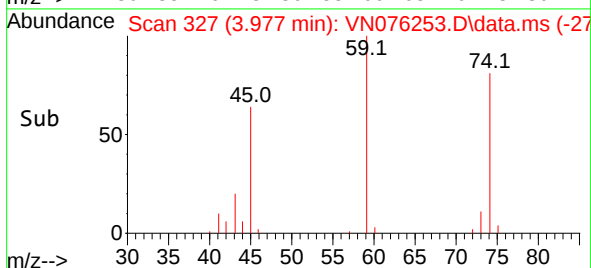
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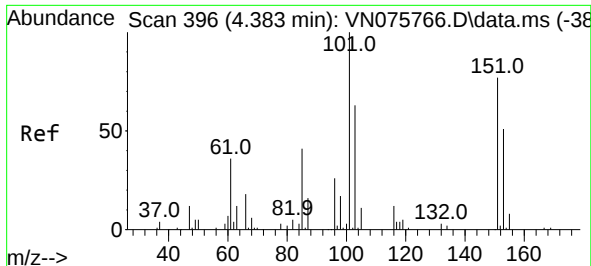


#8
 Diethyl Ether
 Concen: 16.790 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03



Tgt Ion: 74 Resp: 34773
 Ion Ratio Lower Upper
 74 100
 45 78.6 37.8 113.4





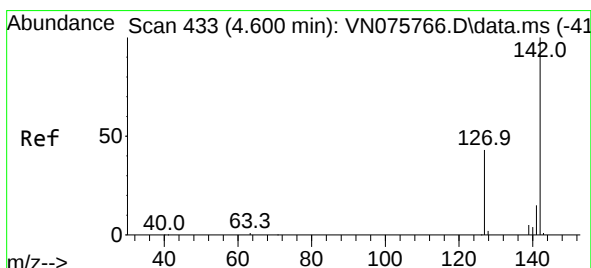
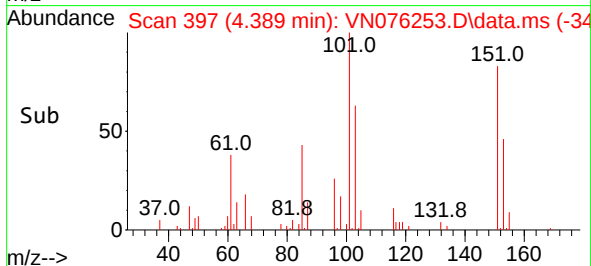
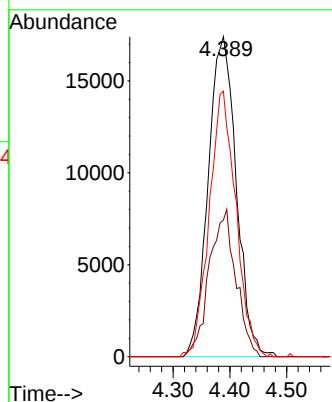
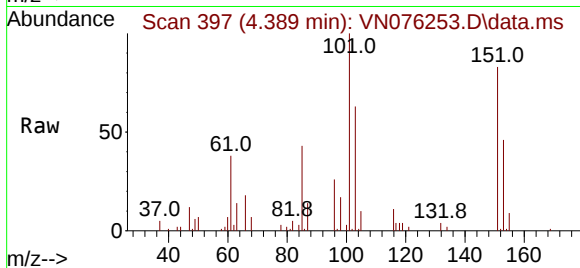
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.458 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion:101 Resp: 5976
Ion Ratio Lower Upper
101 100
85 43.6 35.3 52.9
151 78.9 65.6 98.4

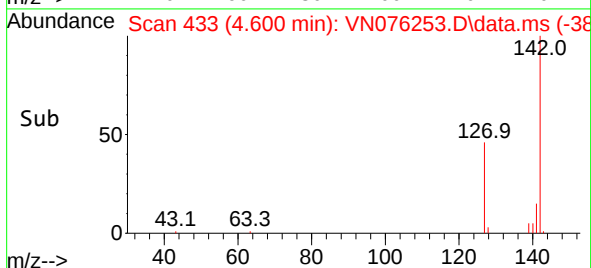
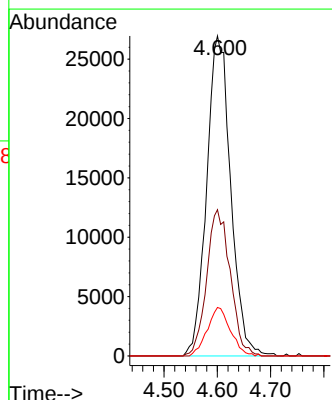
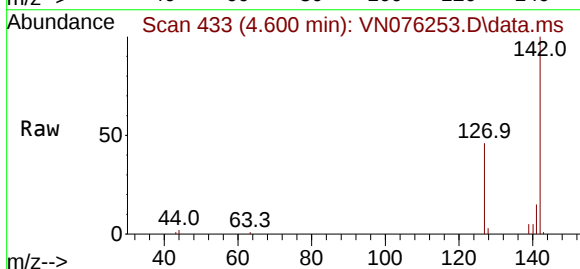
Manual Integrations
APPROVED

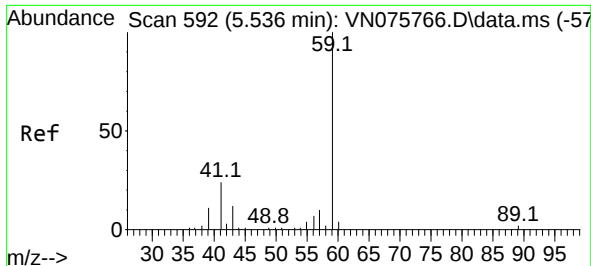
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#10
Methyl Iodide
Concen: 16.096 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

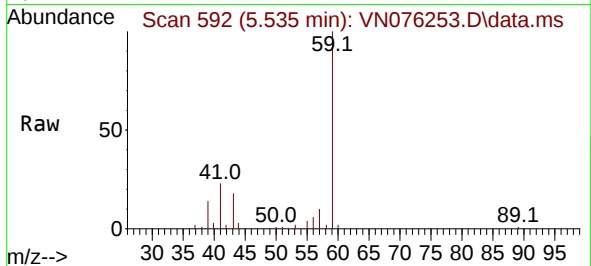
Tgt Ion:142 Resp: 84577
Ion Ratio Lower Upper
142 100
127 44.7 34.7 52.1
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 82.599 ug/l
RT: 5.535 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

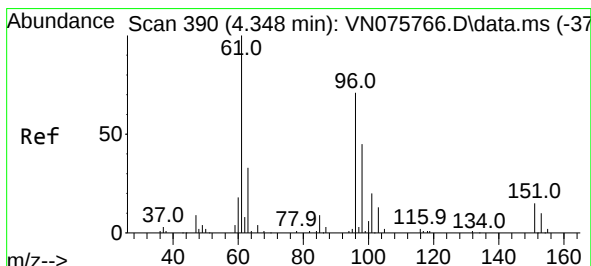
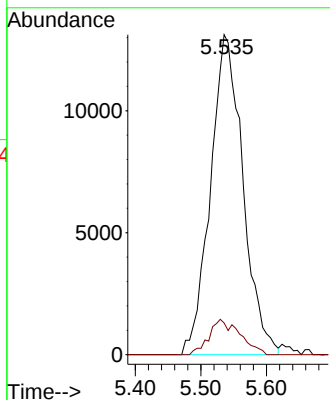
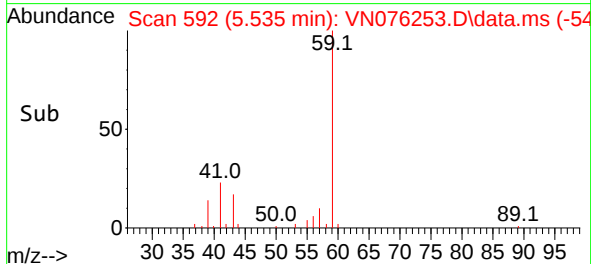
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



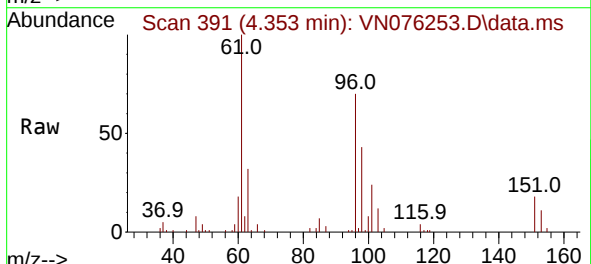
Tgt Ion: 59 Resp: 4511
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

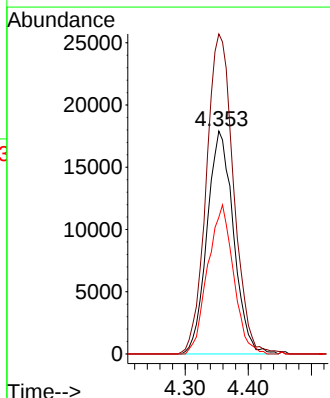
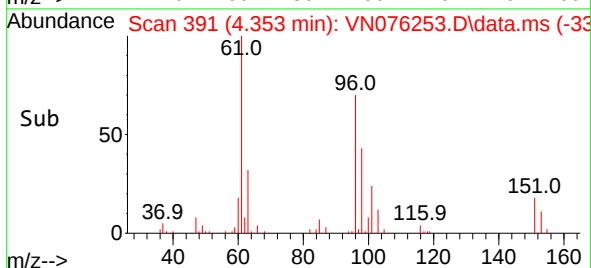
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

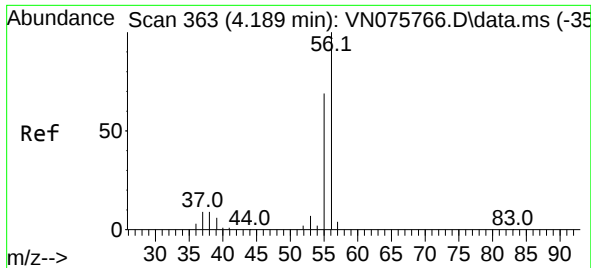


#12
1,1-Dichloroethene
Concen: 16.562 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



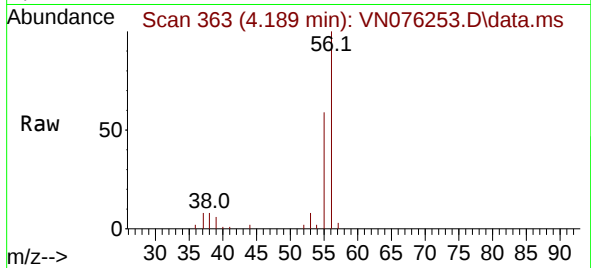
Tgt Ion: 96 Resp: 52082
Ion Ratio Lower Upper
96 100
61 143.5 113.3 169.9
98 61.3 50.9 76.3





#13
Acrolein
Concen: 82.625 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

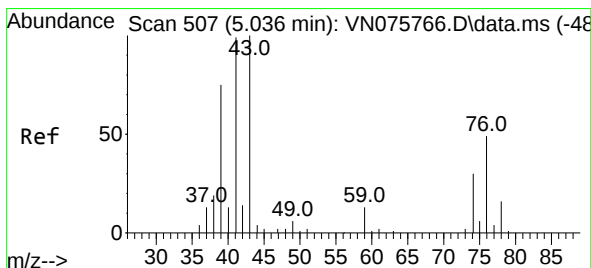
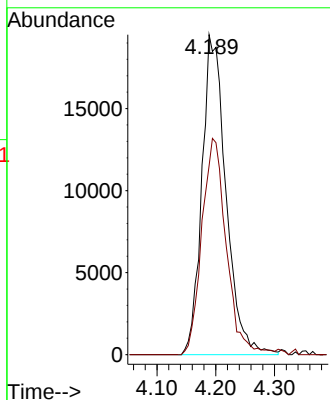
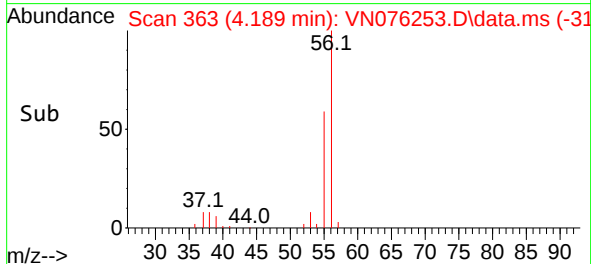
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



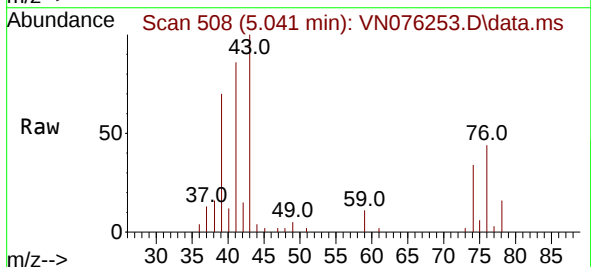
Tgt Ion: 56 Resp: 5532
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

Manual Integrations
APPROVED

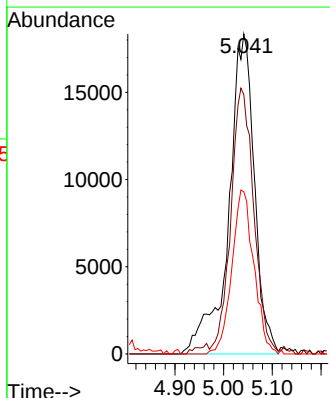
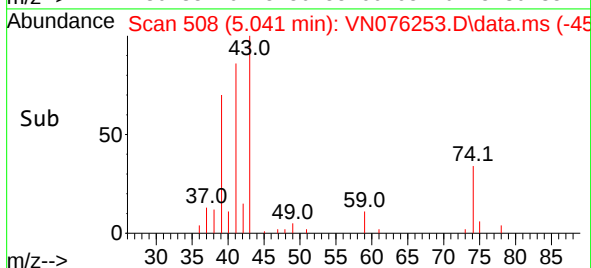
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

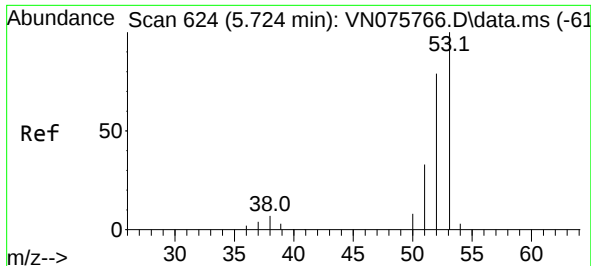


#14
Allyl chloride
Concen: 18.336 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



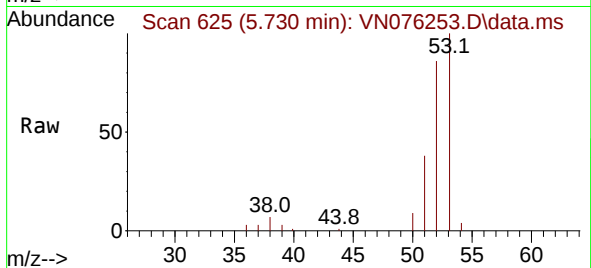
Tgt Ion: 41 Resp: 67403
Ion Ratio Lower Upper
41 100
39 72.9 58.3 87.5
76 43.7 35.8 53.6





#15
Acrylonitrile
Concen: 86.016 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

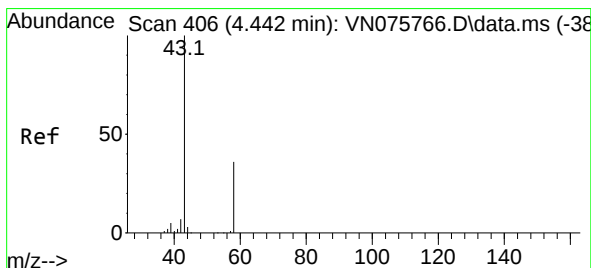
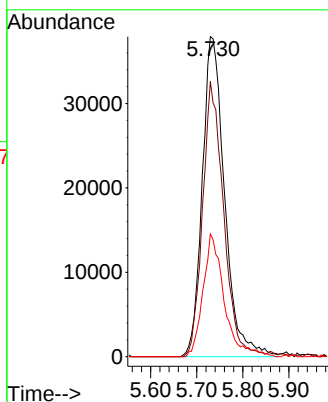
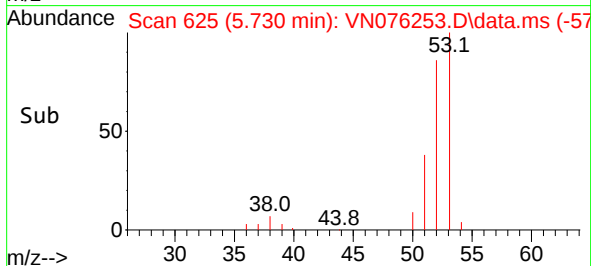
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 53 Resp: 128208
Ion Ratio Lower Upper
53 100
52 80.5 65.4 98.0
51 36.3 28.9 43.3

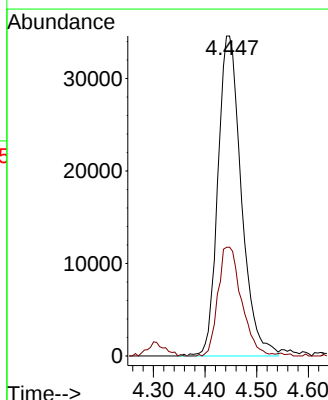
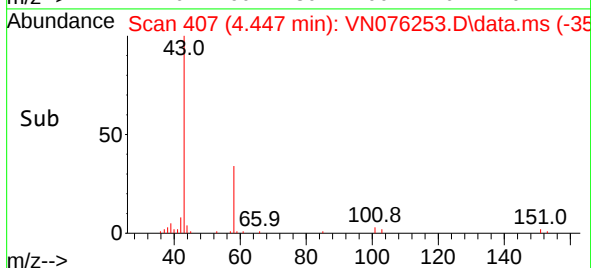
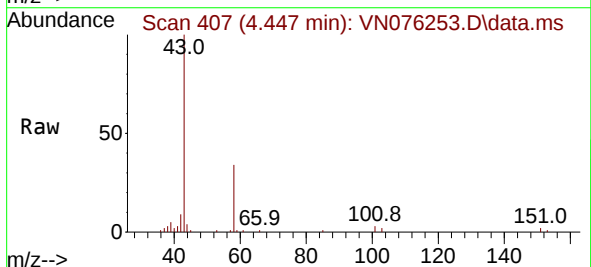
Manual Integrations
APPROVED

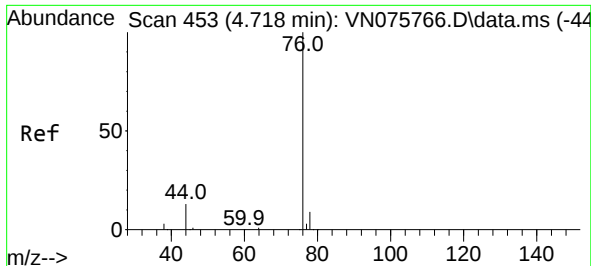
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#16
Acetone
Concen: 81.966 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 43 Resp: 109066
Ion Ratio Lower Upper
43 100
58 34.0 28.6 43.0





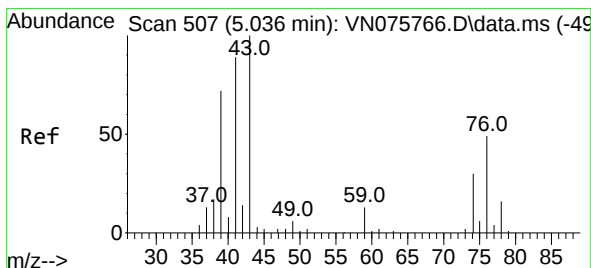
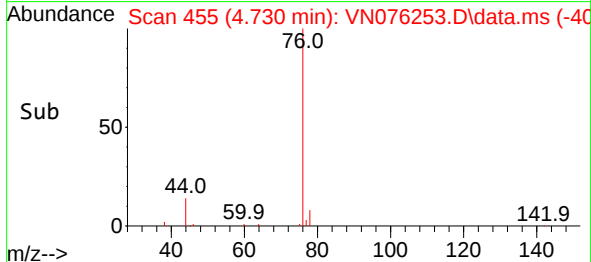
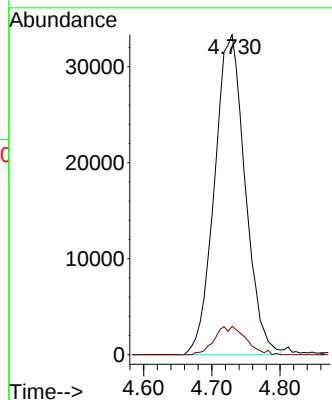
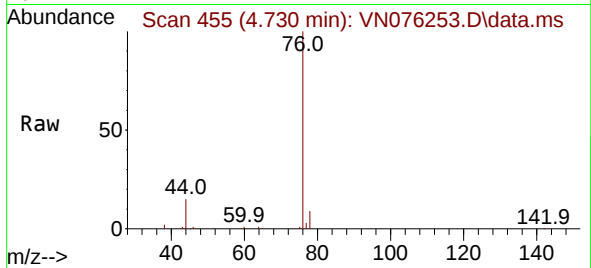
#17
Carbon Disulfide
Concen: 13.665 ug/l
RT: 4.730 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 76 Resp: 10404
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

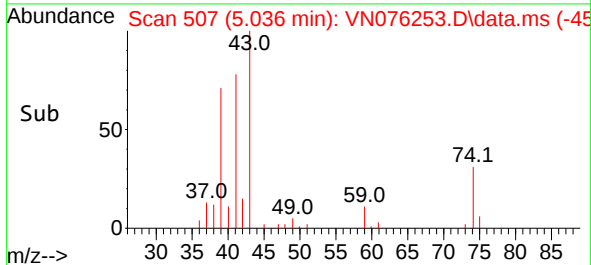
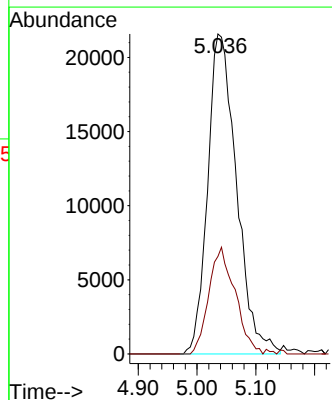
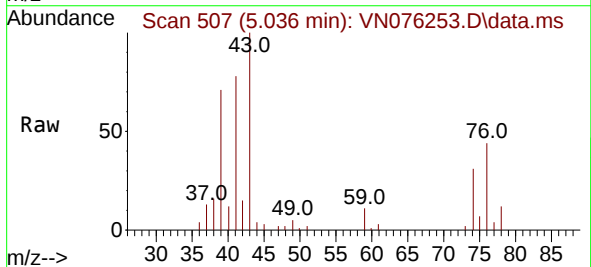
Manual Integrations
APPROVED

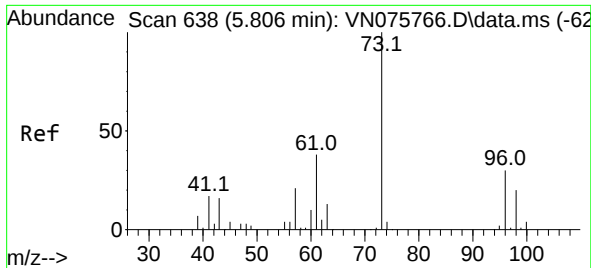
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#18
Methyl Acetate
Concen: 18.690 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 43 Resp: 73512
Ion Ratio Lower Upper
43 100
74 30.4 23.6 35.4





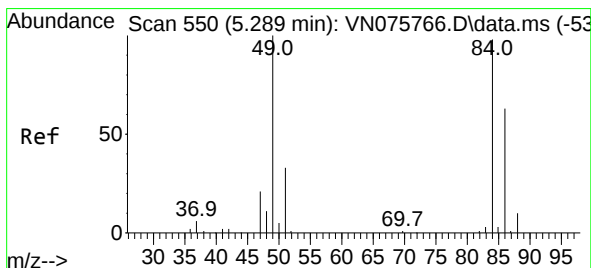
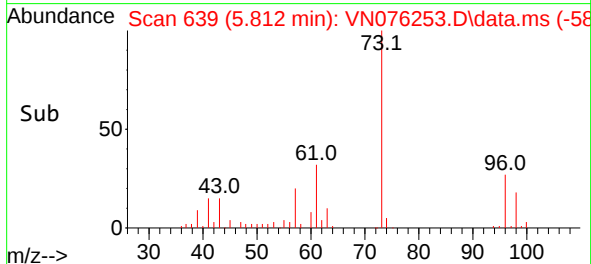
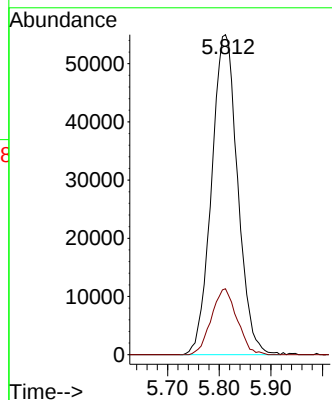
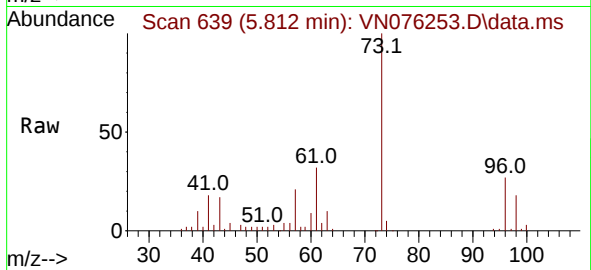
#19
Methyl tert-butyl Ether
Concen: 18.630 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 73 Resp: 192920
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7

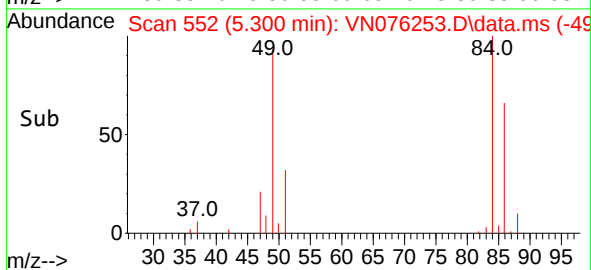
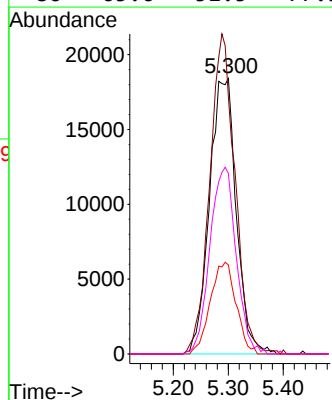
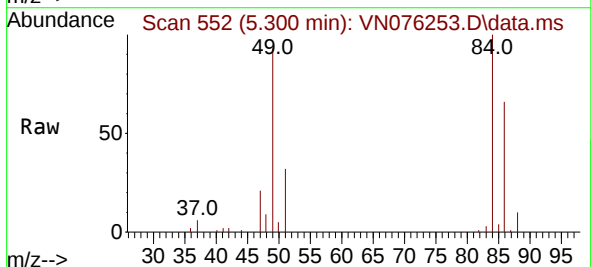
Manual Integrations
APPROVED

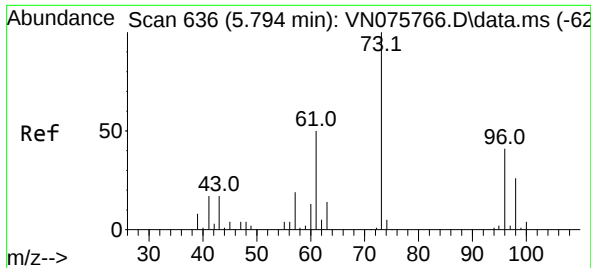
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#20
Methylene Chloride
Concen: 17.065 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.011 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 84 Resp: 62246
Ion Ratio Lower Upper
84 100
49 93.5 81.8 122.6
51 32.3 26.7 40.1
86 65.6 51.5 77.3





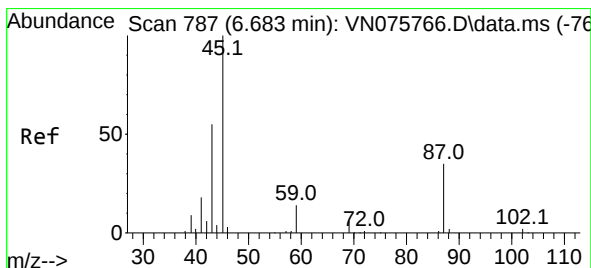
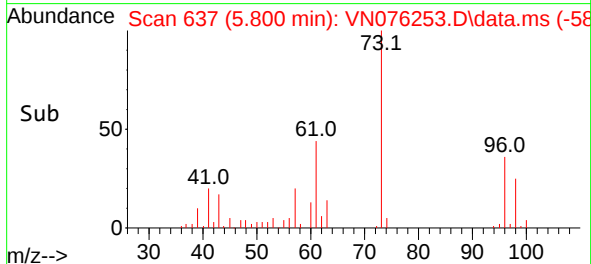
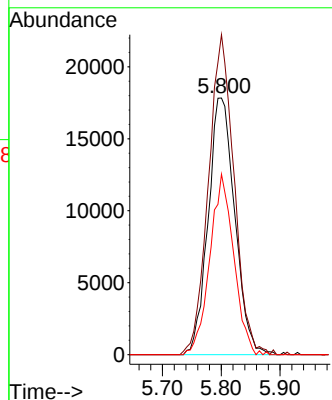
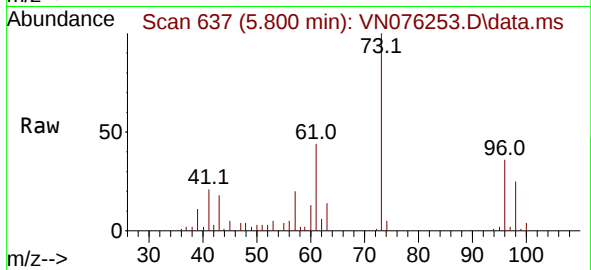
#21
trans-1,2-Dichloroethene
Concen: 16.300 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 96 Resp: 56130
Ion Ratio Lower Upper
96 100
61 124.7 98.1 147.1
98 70.3 51.4 77.2

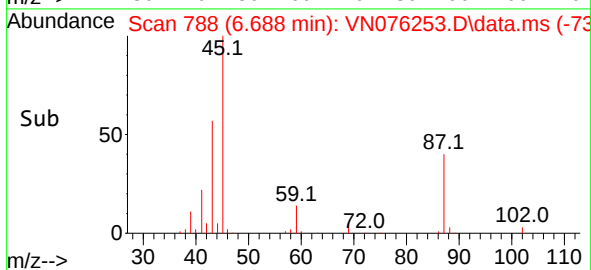
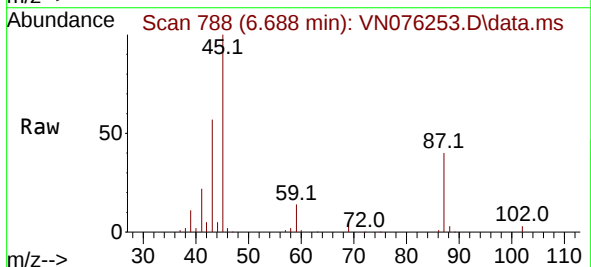
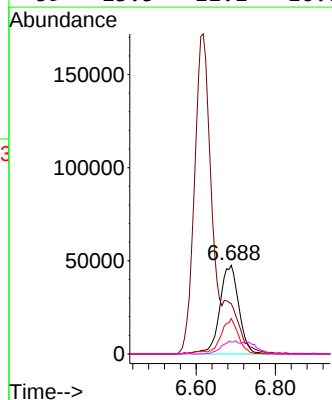
Manual Integrations
APPROVED

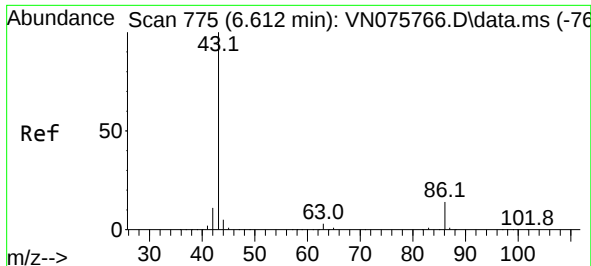
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#22
Diisopropyl ether
Concen: 17.818 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 45 Resp: 159114
Ion Ratio Lower Upper
45 100
43 55.2 44.2 66.4
87 39.9 28.3 42.5
59 13.5 11.1 16.7





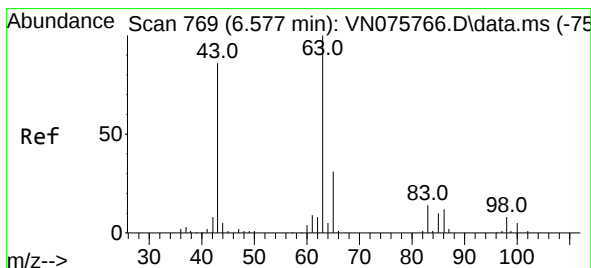
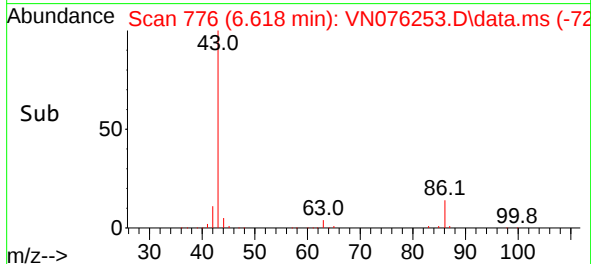
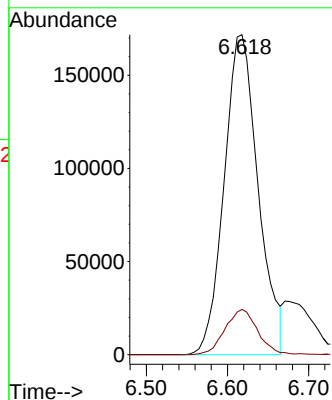
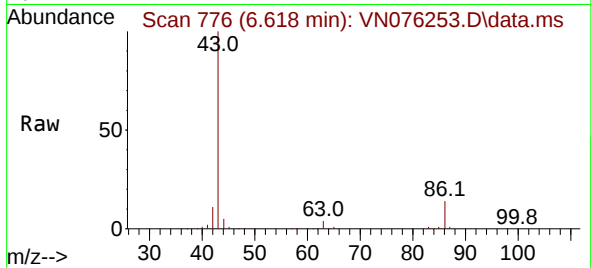
#23
 Vinyl Acetate
 Concen: 83.347 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01

Tgt Ion: 43 Resp: 500974
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2

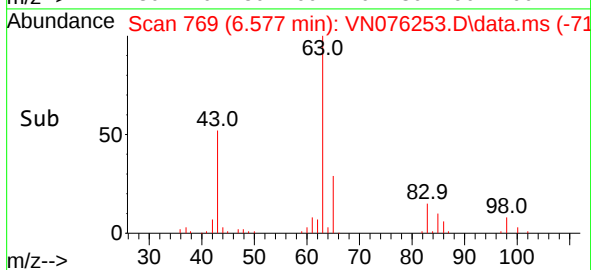
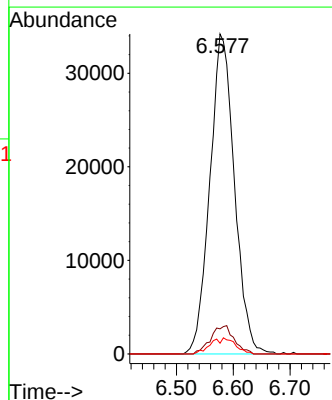
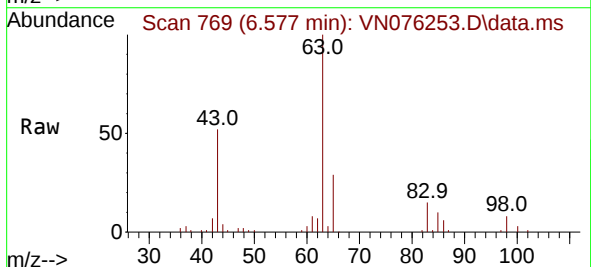
Manual Integrations
 APPROVED

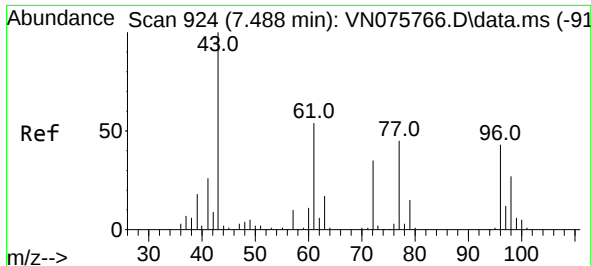
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#24
 1,1-Dichloroethane
 Concen: 17.254 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

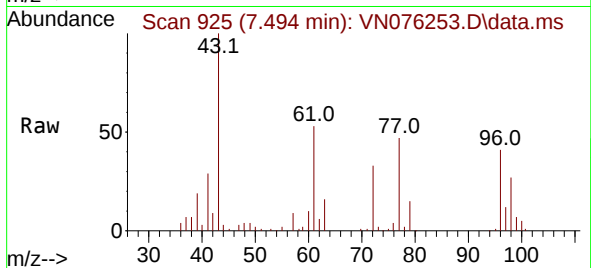
Tgt Ion: 63 Resp: 102757
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 3.3 2.5 7.6





#25
2-Butanone
Concen: 87.218 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

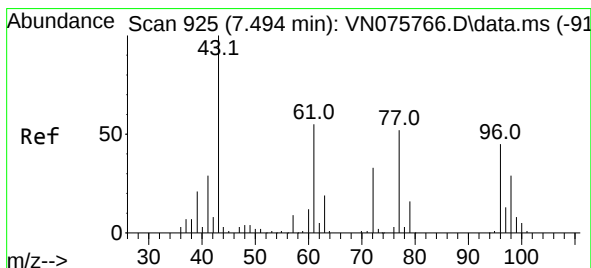
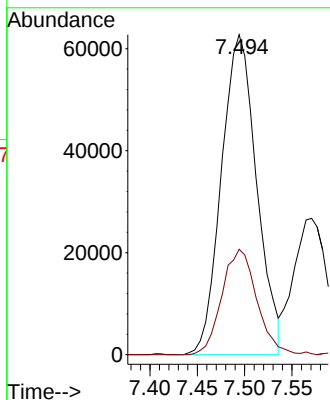
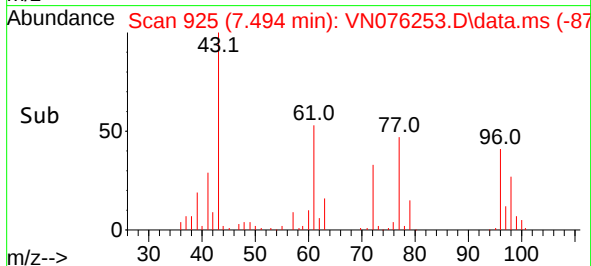
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 43 Resp: 16249
Ion Ratio Lower Upper
43 100
72 33.0 28.0 42.0

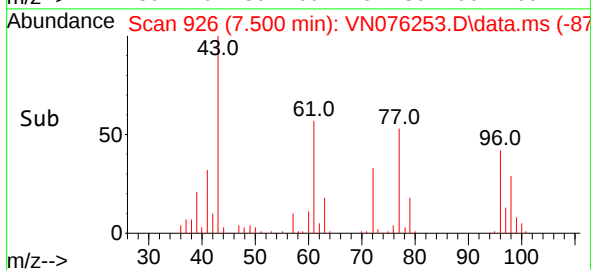
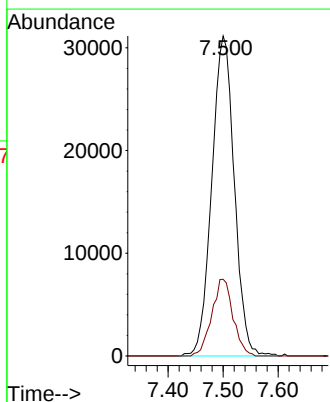
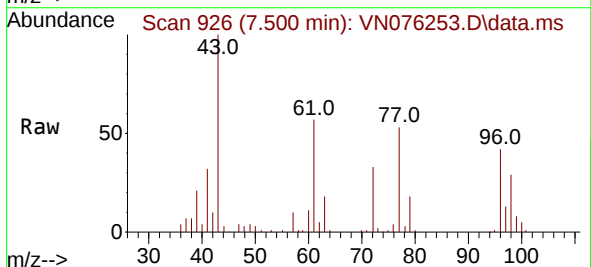
Manual Integrations
APPROVED

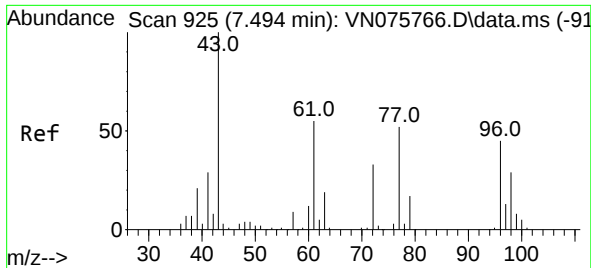
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#26
2,2-Dichloropropane
Concen: 17.568 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

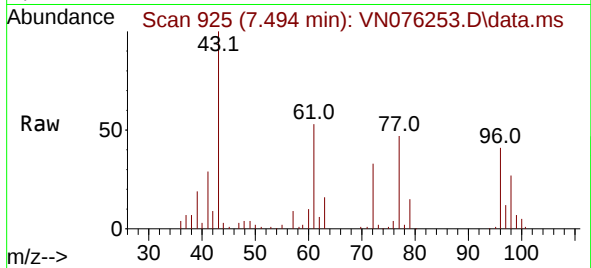
Tgt Ion: 77 Resp: 88607
Ion Ratio Lower Upper
77 100
97 22.6 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 16.933 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

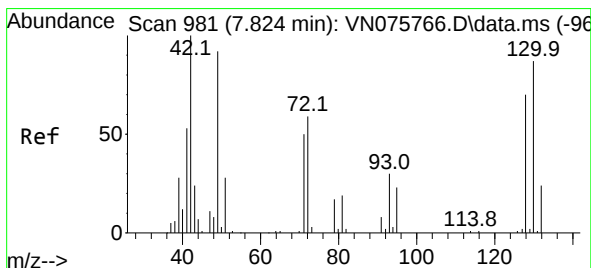
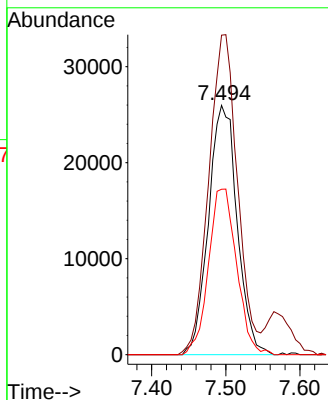
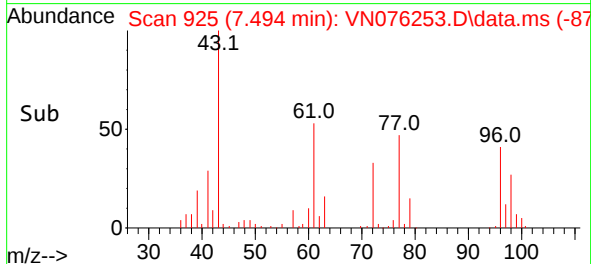
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01



Tgt Ion: 96 Resp: 69744
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 247.8
 98 65.4 0.0 128.4

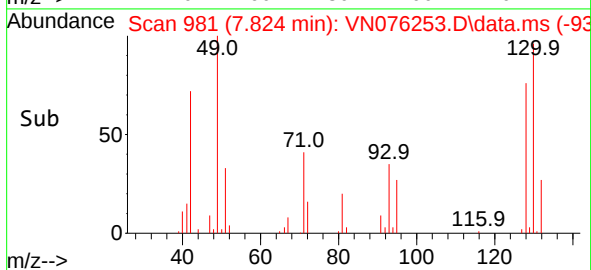
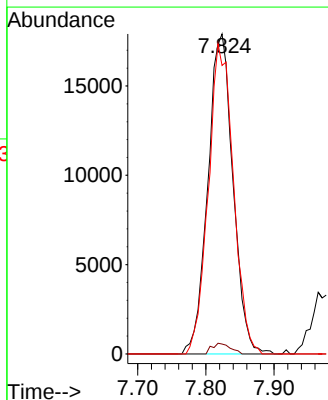
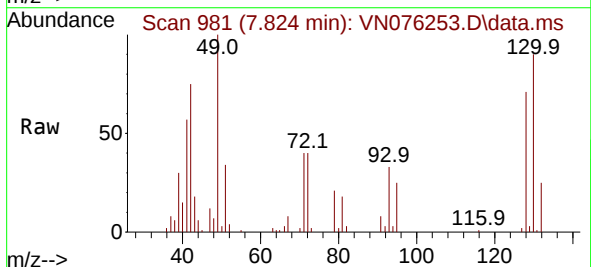
Manual Integrations
 APPROVED

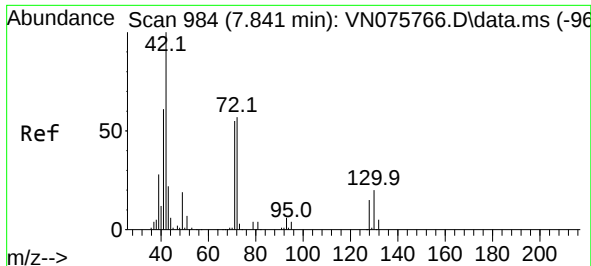
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#28
 Bromochloromethane
 Concen: 17.624 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

Tgt Ion: 49 Resp: 46005
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 96.7 77.0 115.4





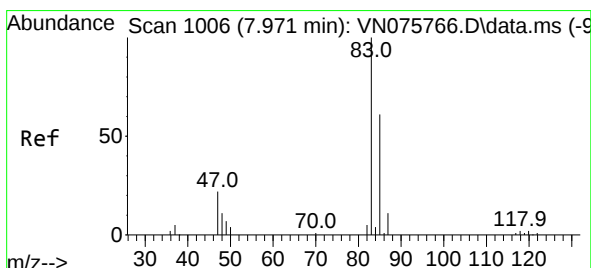
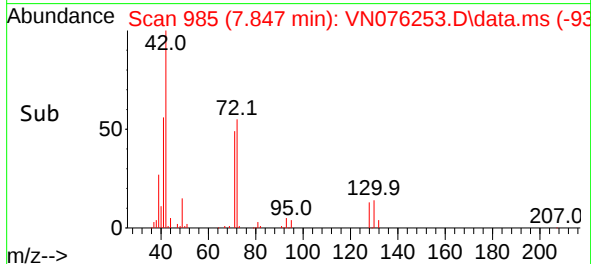
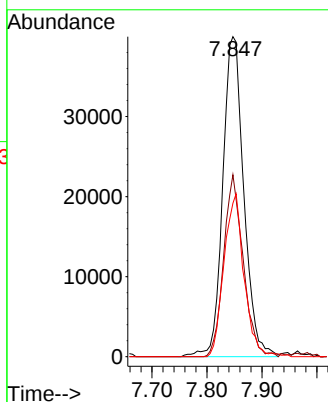
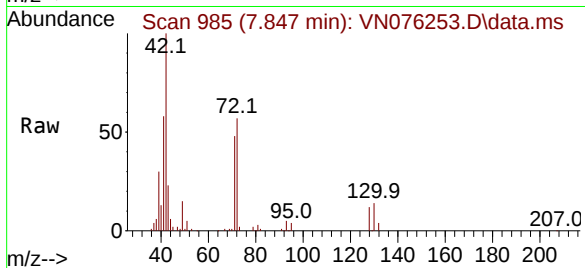
#29
Tetrahydrofuran
Concen: 91.217 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 42 Resp: 106502
Ion Ratio Lower Upper
42 100
72 52.7 44.5 66.7
71 48.0 41.0 61.6

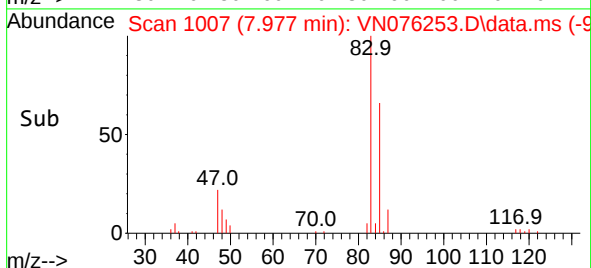
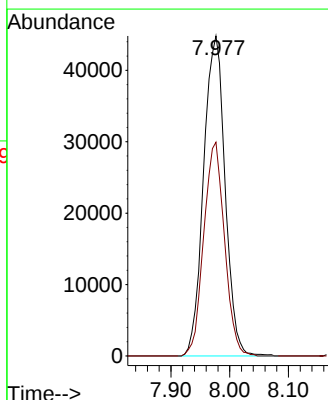
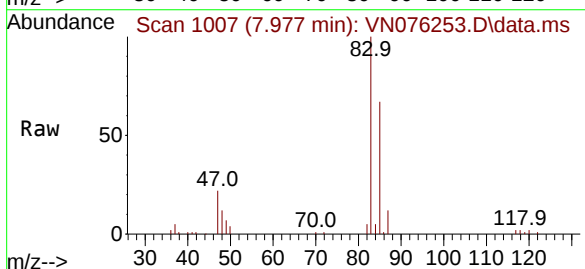
Manual Integrations
APPROVED

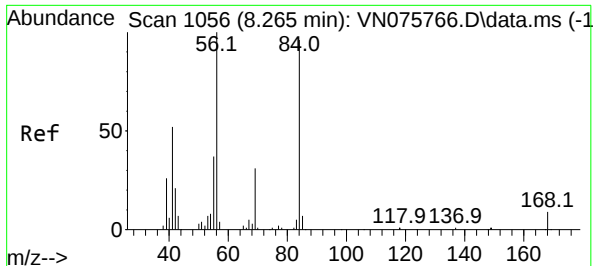
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#30
Chloroform
Concen: 16.999 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

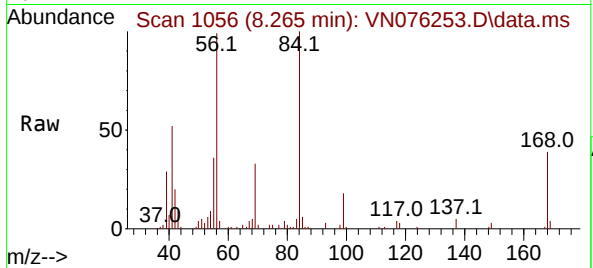
Tgt Ion: 83 Resp: 113987
Ion Ratio Lower Upper
83 100
85 66.8 49.1 73.7





#31
Cyclohexane
Concen: 16.526 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

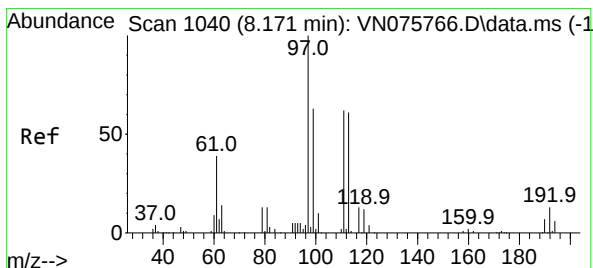
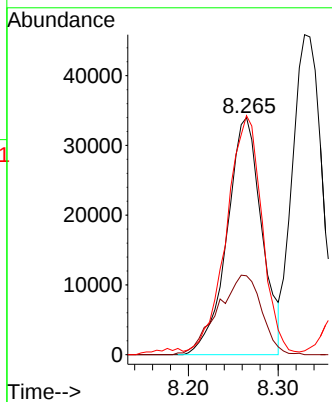
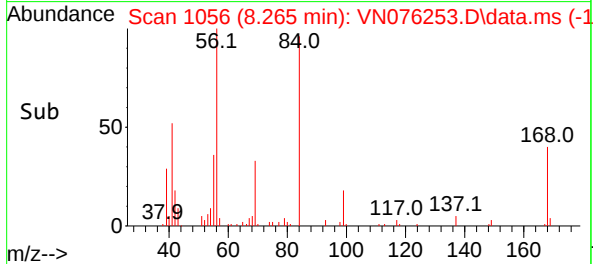
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



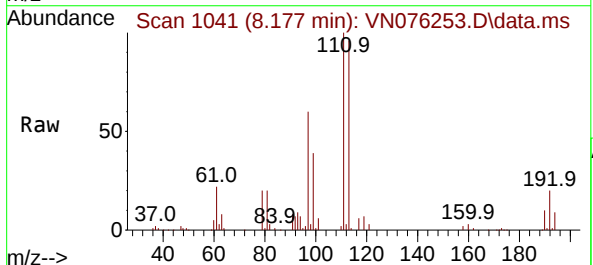
Tgt Ion: 56 Resp: 91359
Ion Ratio Lower Upper
56 100
69 32.5 24.7 37.1
84 98.1 76.5 114.7

Manual Integrations
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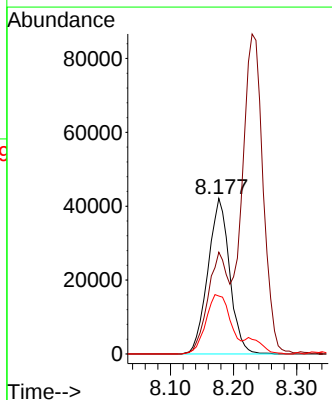
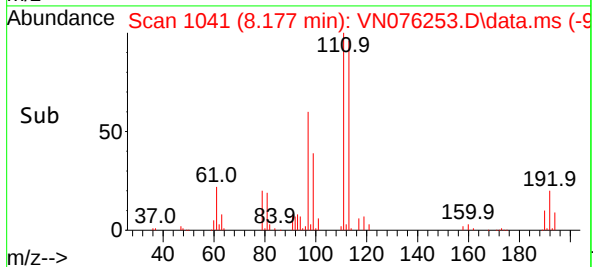
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

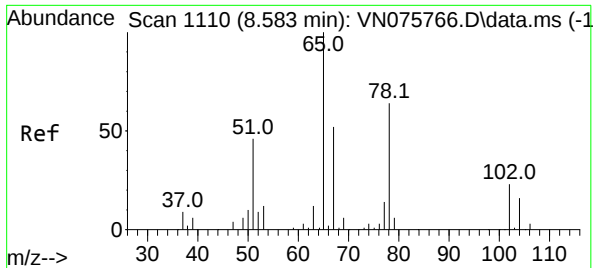


#32
1,1,1-Trichloroethane
Concen: 16.887 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



Tgt Ion: 97 Resp: 100390
Ion Ratio Lower Upper
97 100
99 60.9 50.2 75.2
61 43.2 34.5 51.7





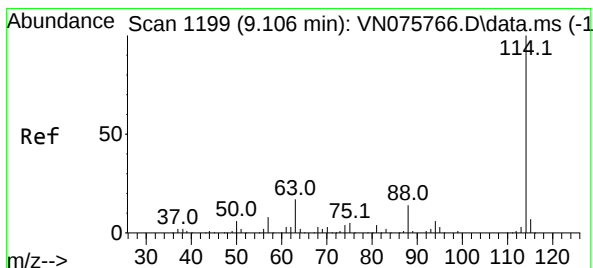
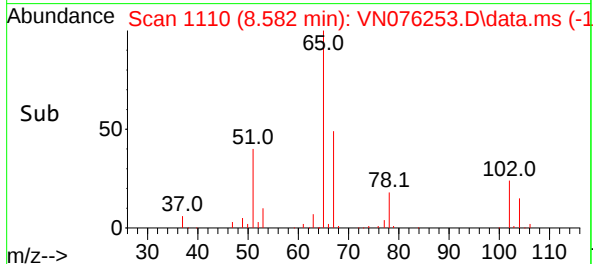
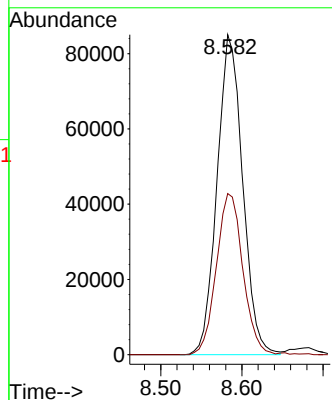
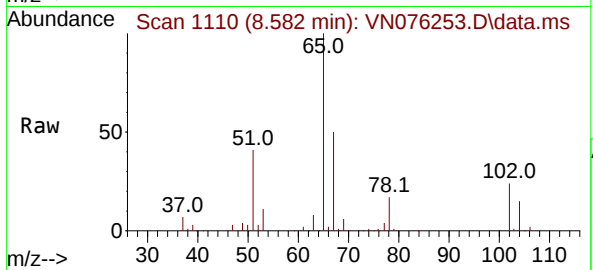
#33
 1,2-Dichloroethane-d4
 Concen: 48.262 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01

Tgt Ion: 65 Resp: 186292
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.4

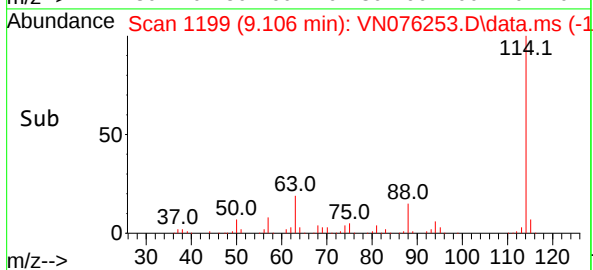
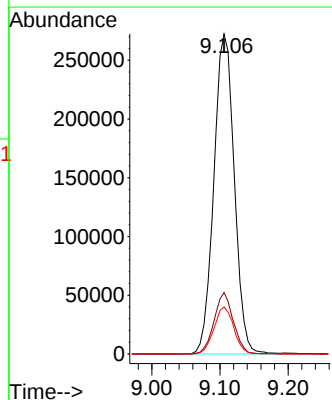
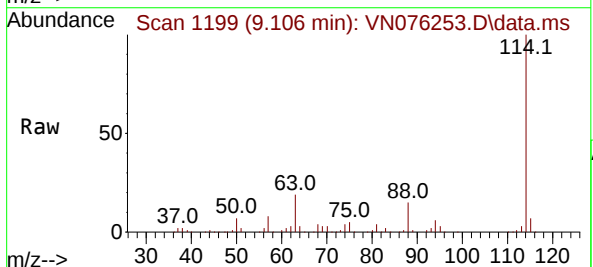
Manual Integrations
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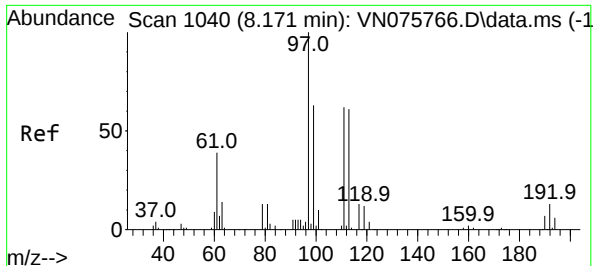
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

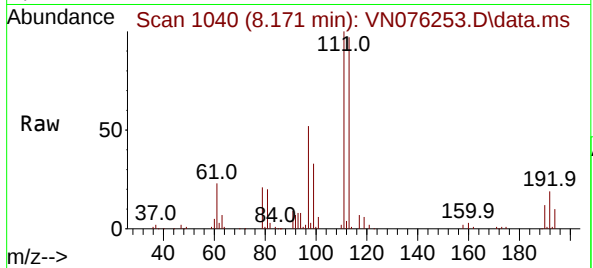
Tgt Ion:114 Resp: 568425
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.4
 88 14.7 0.0 28.8





#35
Dibromofluoromethane
Concen: 48.189 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

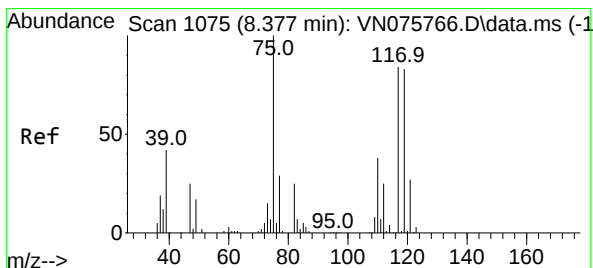
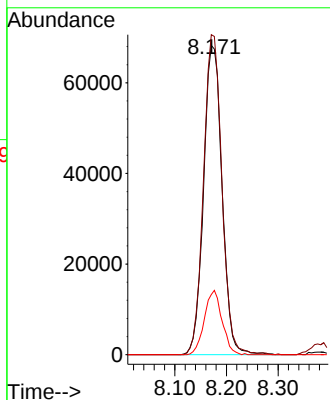
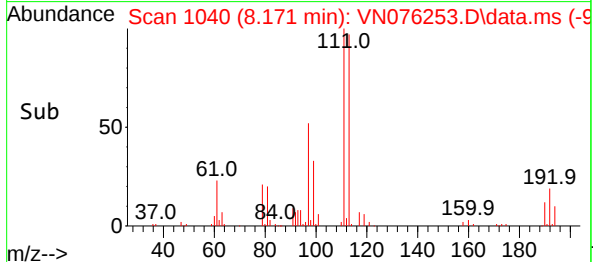
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 113 Resp: 16963
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 19.9 16.1 24.1

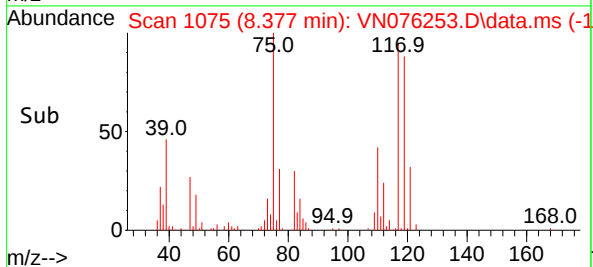
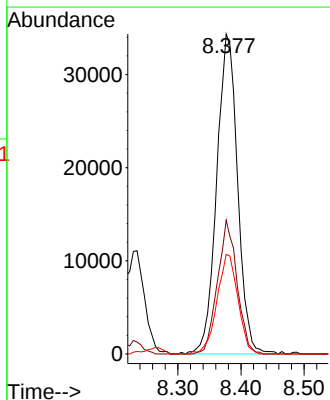
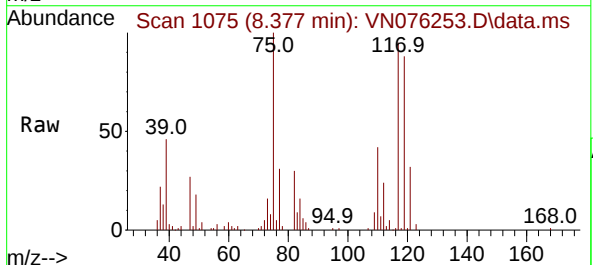
Manual Integrations
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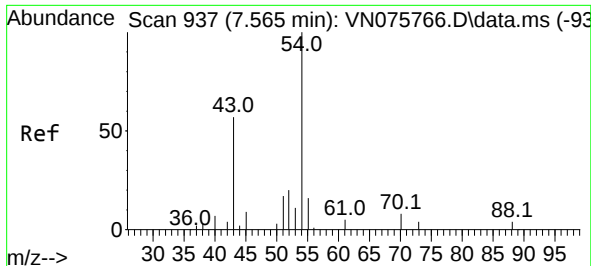
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#36
1,1-Dichloropropene
Concen: 16.880 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

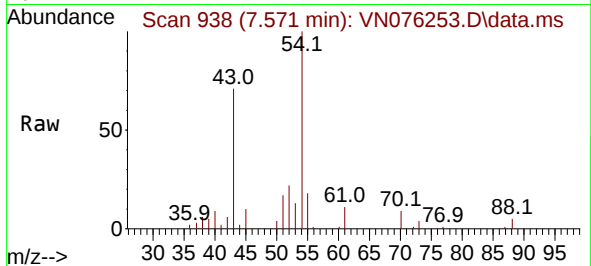
Tgt Ion: 75 Resp: 78933
Ion Ratio Lower Upper
75 100
110 39.0 18.8 56.4
77 31.1 24.1 36.1





#37
Ethyl Acetate
Concen: 18.697 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

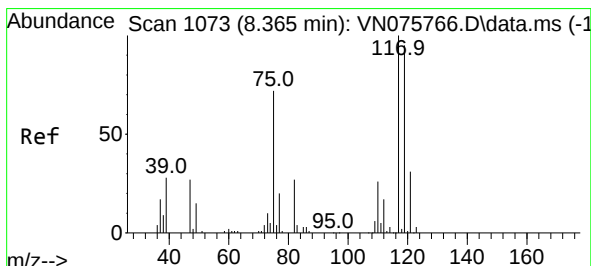
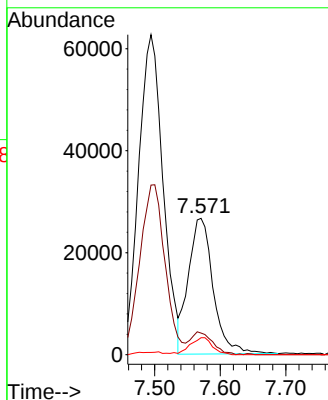
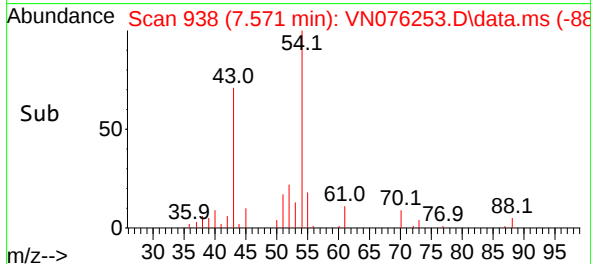
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 43 Resp: 70228
Ion Ratio Lower Upper
43 100
61 14.6 13.0 19.4
70 11.3 9.4 14.0

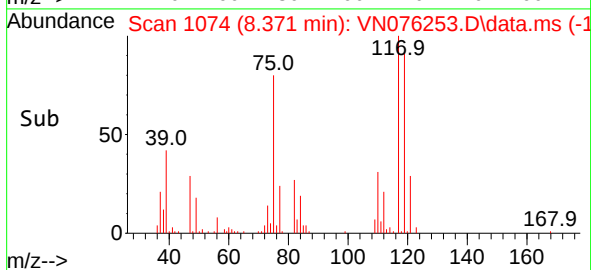
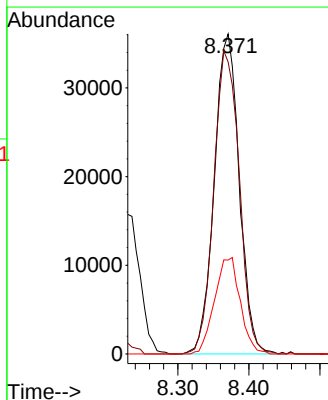
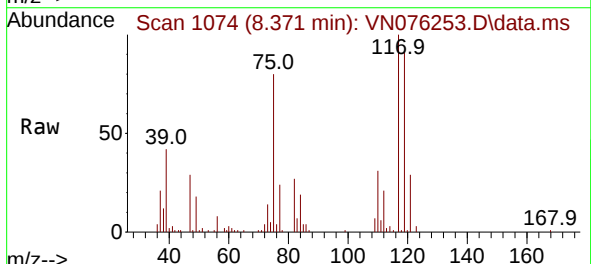
Manual Integrations
APPROVED

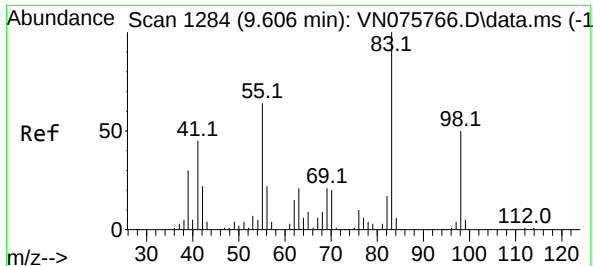
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#38
Carbon Tetrachloride
Concen: 16.801 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:117 Resp: 87934
Ion Ratio Lower Upper
117 100
119 91.3 76.1 114.1
121 29.4 24.5 36.7





#39

Methylcyclohexane

Concen: 17.556 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

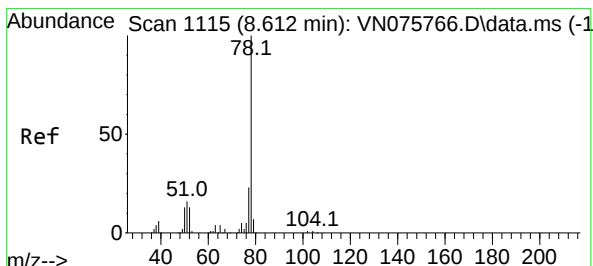
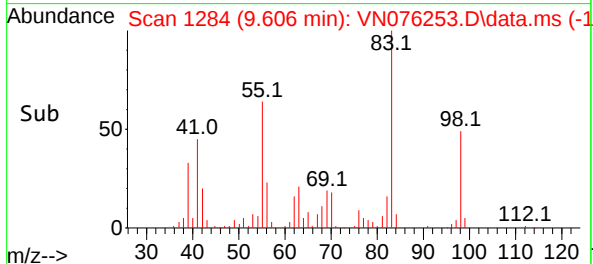
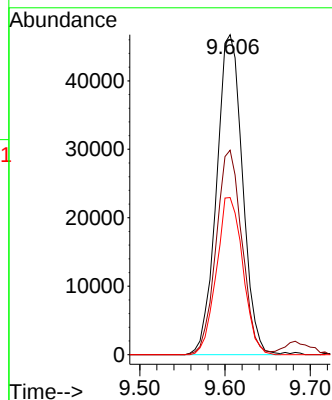
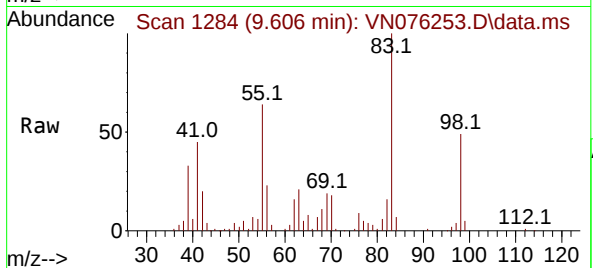
Tgt Ion: 83	Resp: 9904
Ion Ratio	Lower Upper
83	100
55	63.9 51.4 77.0
98	49.1 39.8 59.8

Manual Integrations

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Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#40

Benzene

Concen: 16.722 ug/l

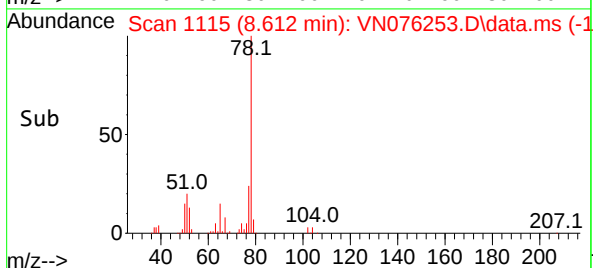
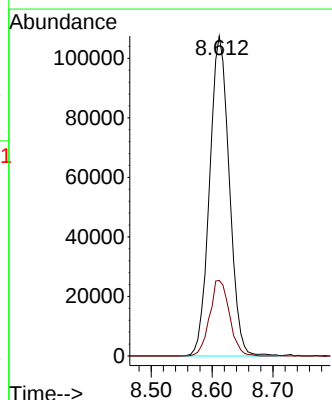
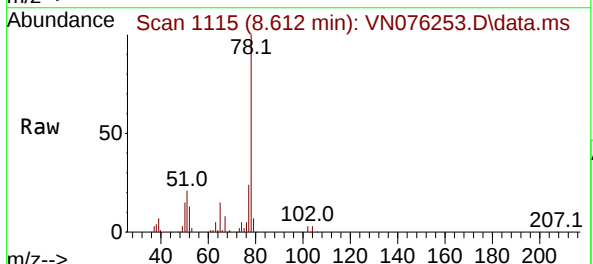
RT: 8.612 min Scan# 1115

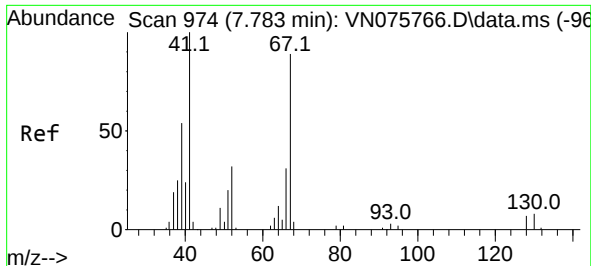
Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

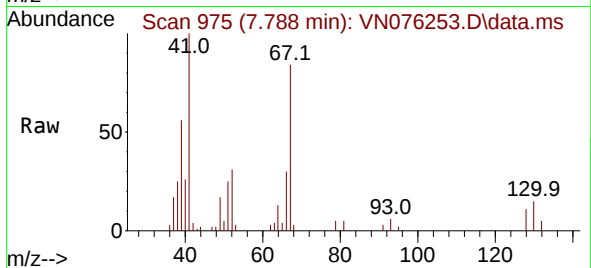
Tgt Ion: 78	Resp: 241258
Ion Ratio	Lower Upper
78	100
77	23.6 18.5 27.7





#41
Methacrylonitrile
Concen: 17.676 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

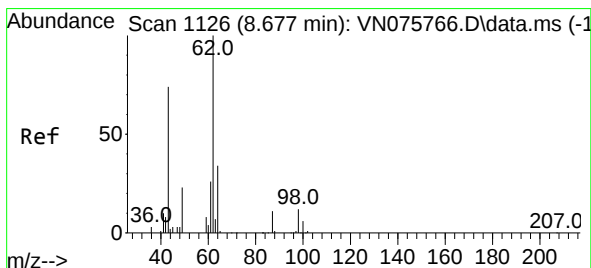
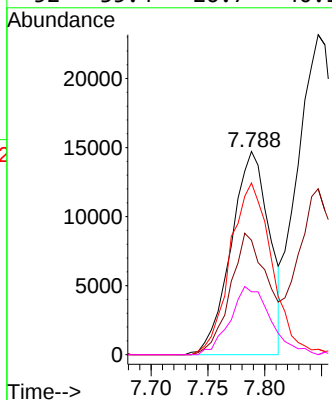
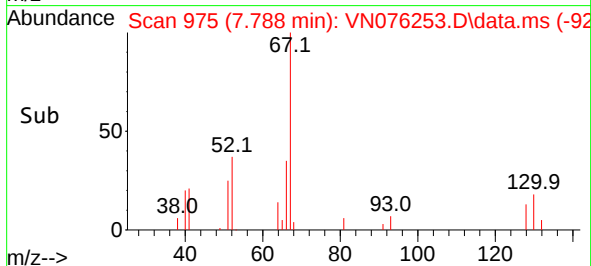
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 41 Resp: 3451
Ion Ratio Lower Upper
41 100
39 58.1 43.1 64.7
67 92.7 70.7 106.1
52 35.4 26.7 40.1

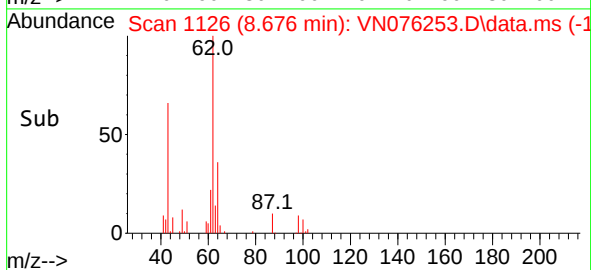
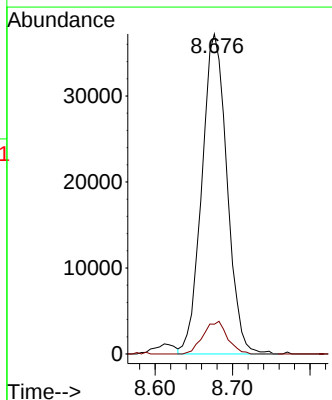
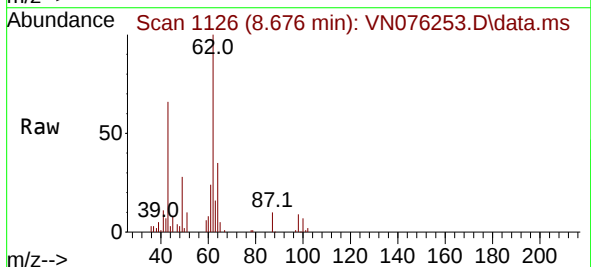
Manual Integrations
APPROVED

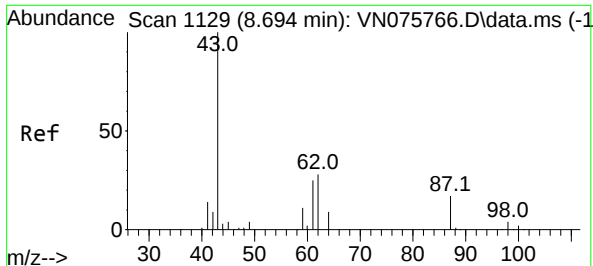
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#42
1,2-Dichloroethane
Concen: 17.513 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

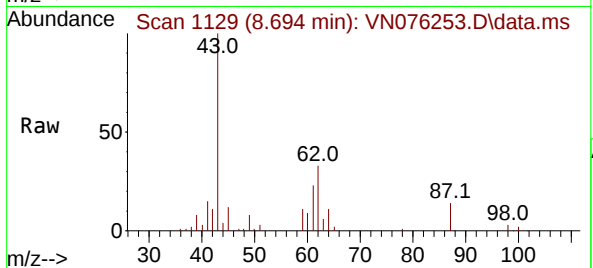
Tgt Ion: 62 Resp: 84003
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.8





#43
Isopropyl Acetate
Concen: 22.352 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

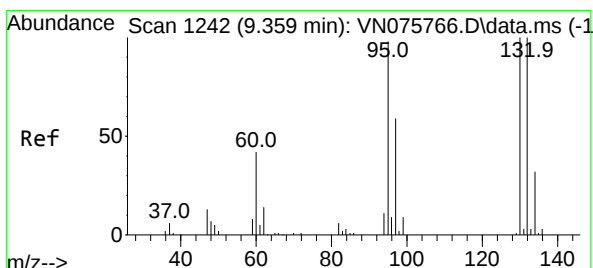
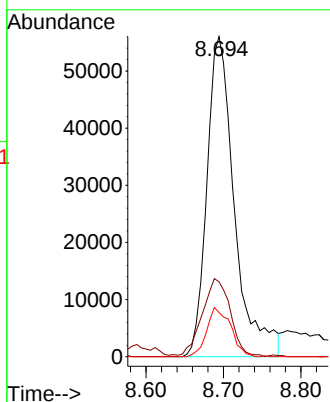
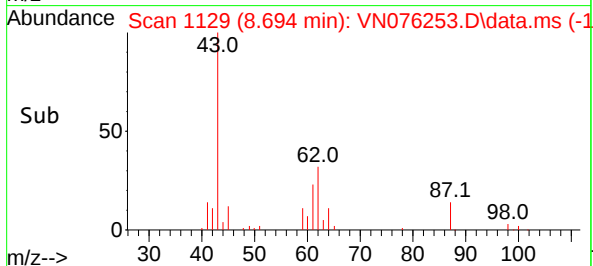
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



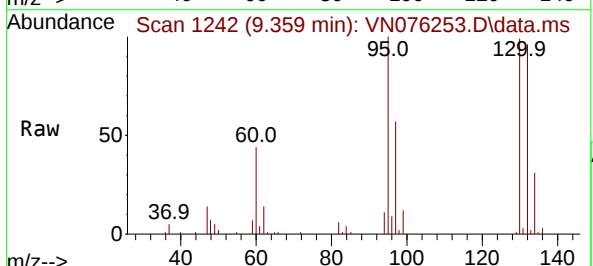
Tgt Ion: 43 Resp: 138490
Ion Ratio Lower Upper
43 100
61 24.8 24.2 36.4
87 13.3 13.3 19.9

Manual Integrations
APPROVED

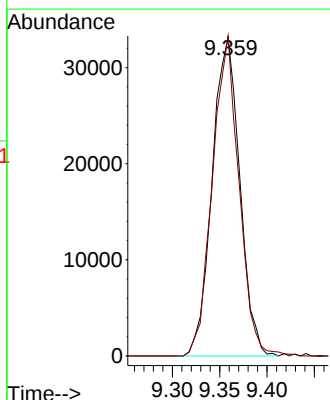
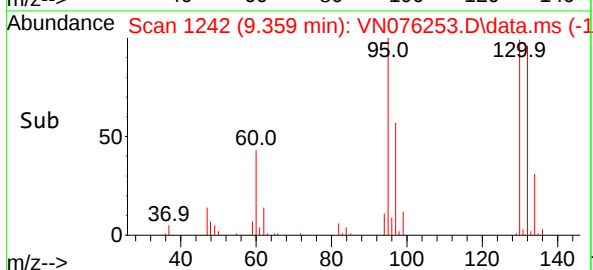
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

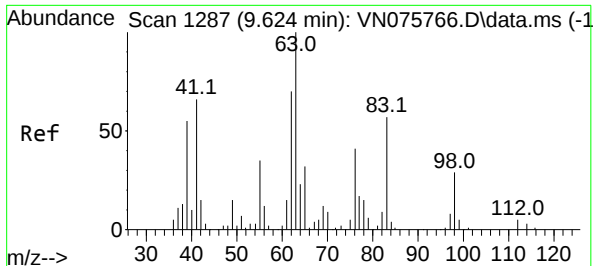


#44
Trichloroethene
Concen: 16.520 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



Tgt Ion:130 Resp: 67146
Ion Ratio Lower Upper
130 100
95 100.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.049 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion: 63 Resp: 5985

Ion Ratio Lower Upper

63 100

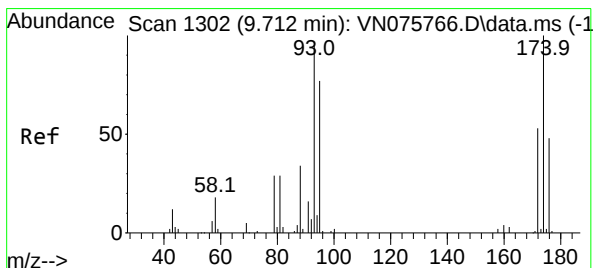
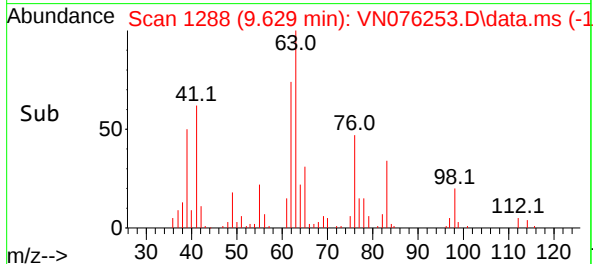
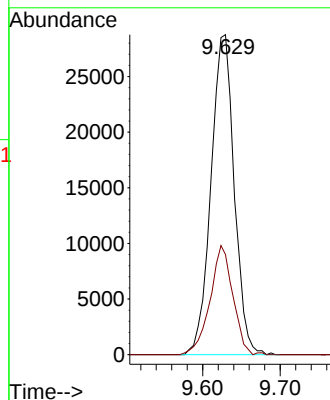
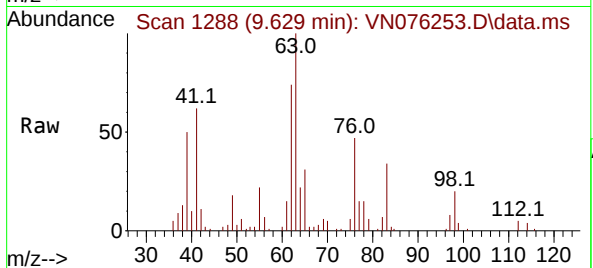
65 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#46

Dibromomethane

Concen: 16.964 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

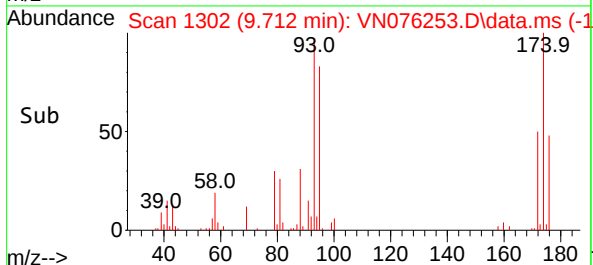
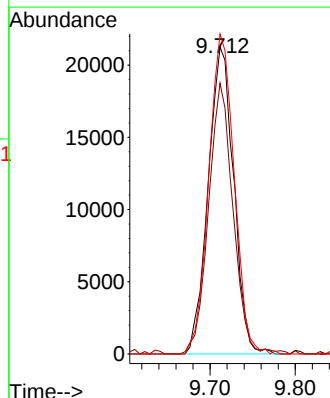
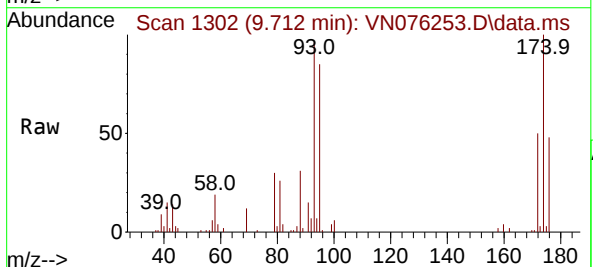
Tgt Ion: 93 Resp: 44176

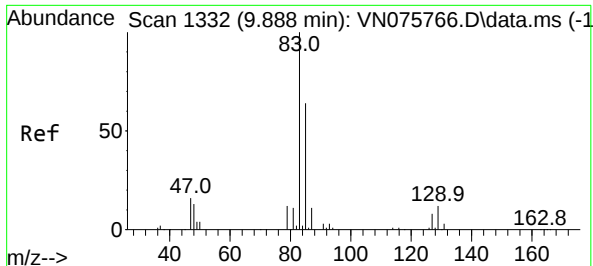
Ion Ratio Lower Upper

93 100

95 84.9 65.2 97.8

174 103.9 82.4 123.6





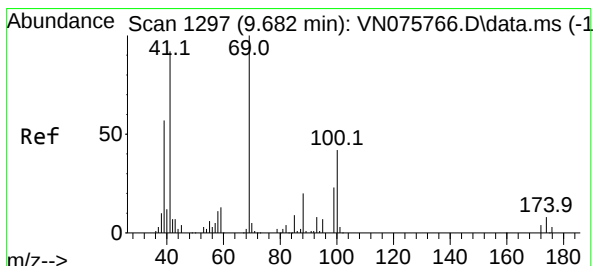
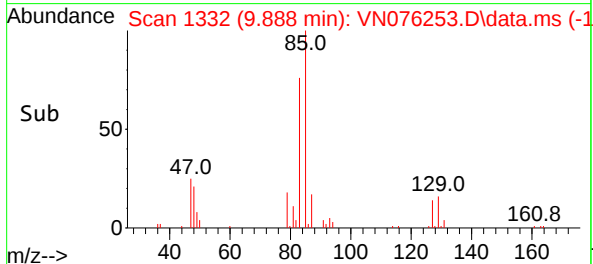
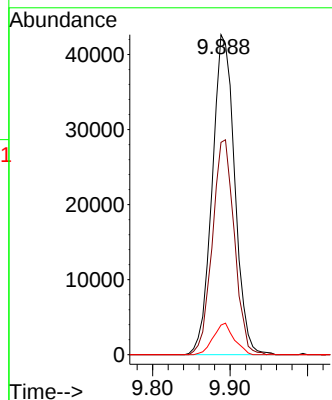
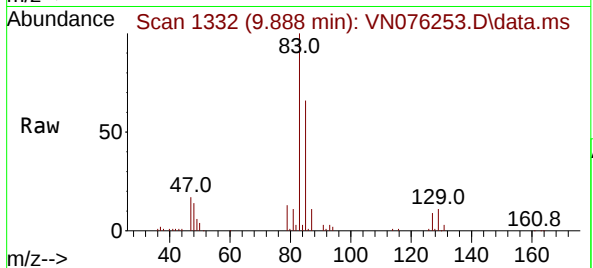
#47
Bromodichloromethane
Concen: 16.863 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 83 Resp: 8611
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3
127 9.3 6.6 10.0

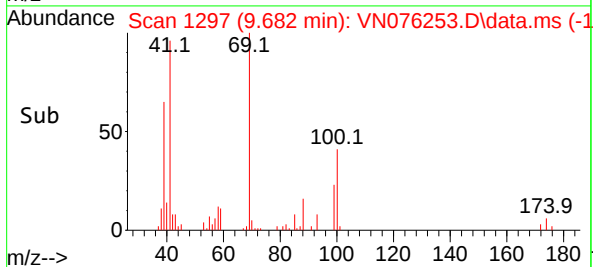
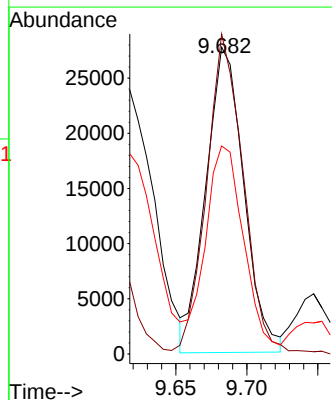
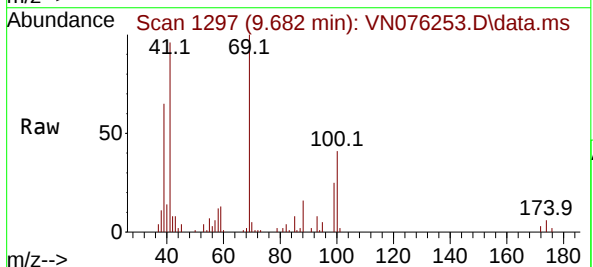
Manual Integrations
APPROVED

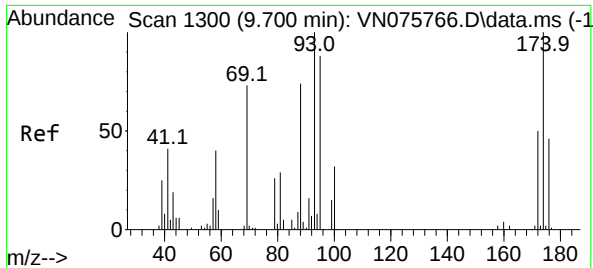
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#48
Methyl methacrylate
Concen: 18.457 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

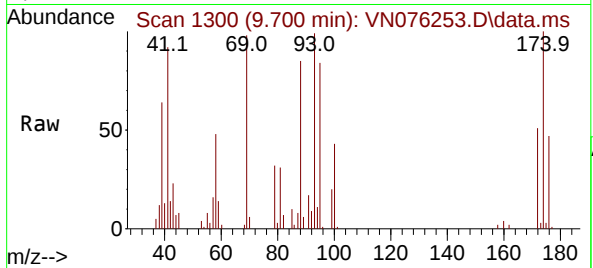
Tgt Ion: 41 Resp: 51506
Ion Ratio Lower Upper
41 100
69 101.3 81.9 122.9
39 70.0 51.6 77.4





#49
1,4-Dioxane
Concen: 334.664 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

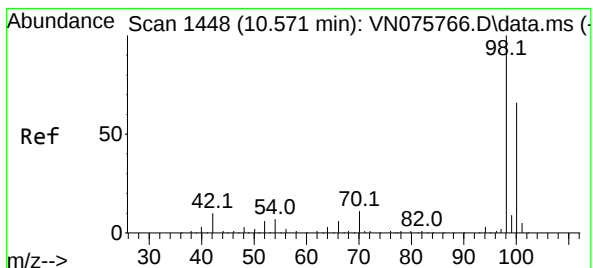
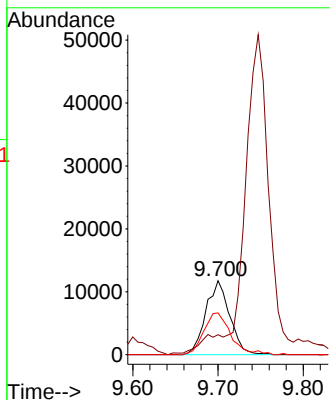
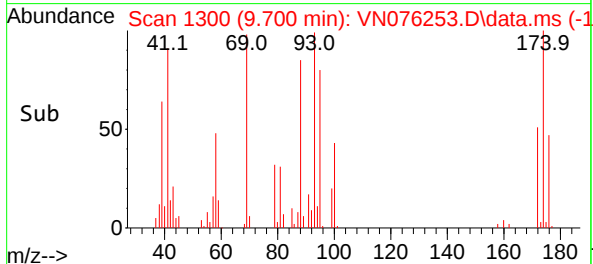
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 88 Resp: 22960
Ion Ratio Lower Upper
88 100
43 0.0 17.1 25.7
58 63.4 47.8 71.8

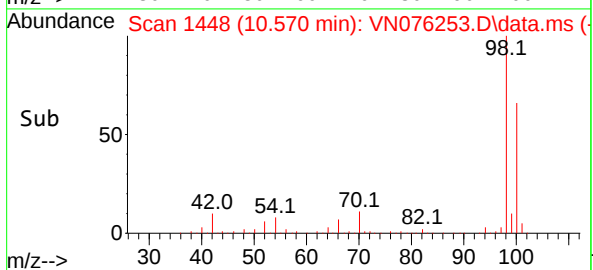
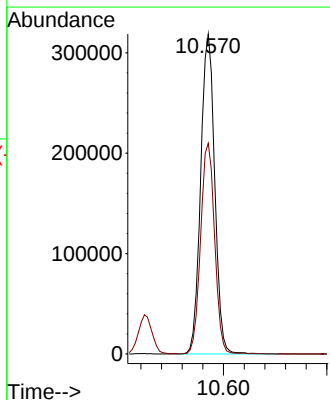
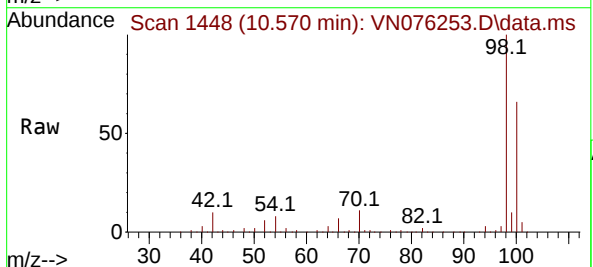
Manual Integrations
APPROVED

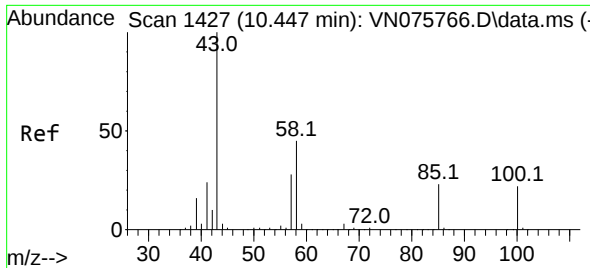
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#50
Toluene-d8
Concen: 45.550 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 98 Resp: 599503
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1





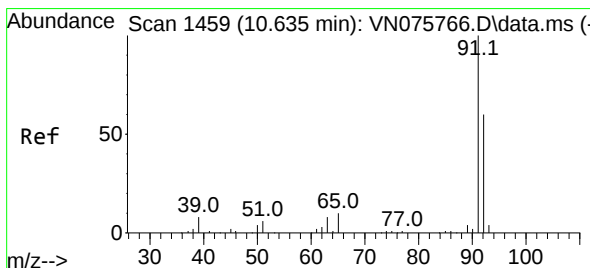
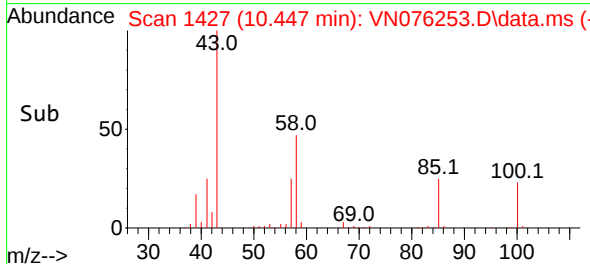
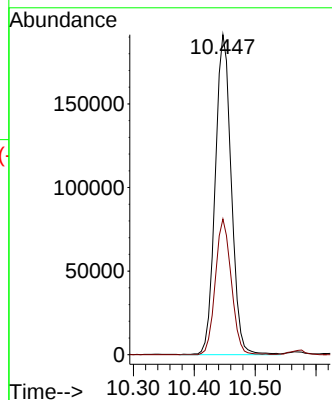
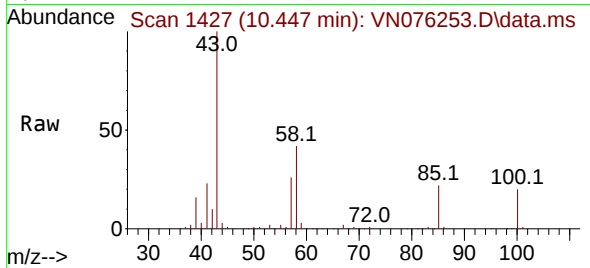
#51
4-Methyl-2-Pentanone
Concen: 93.641 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 43 Resp: 35088
Ion Ratio Lower Upper
43 100
58 42.0 35.5 53.3

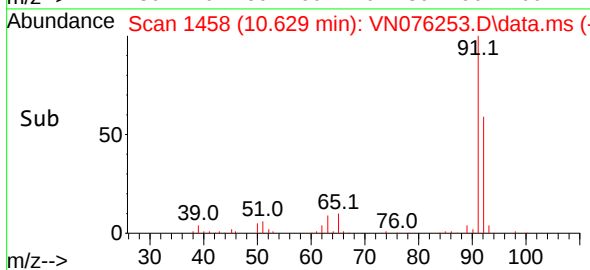
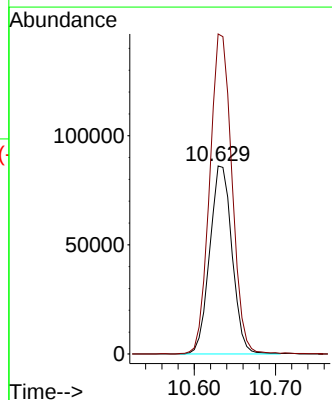
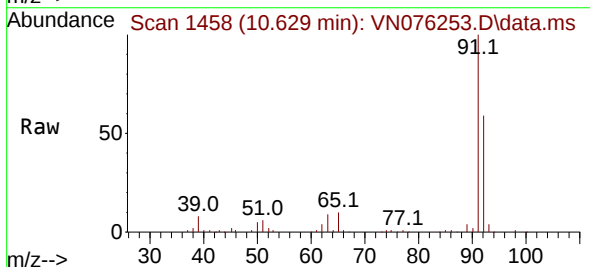
Manual Integrations
APPROVED

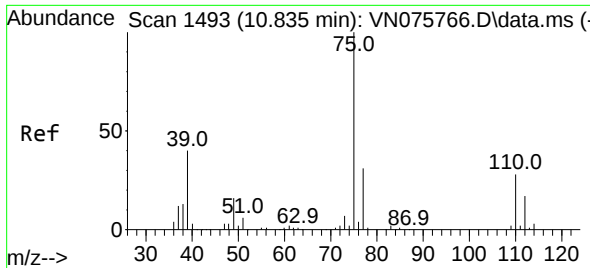
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#52
Toluene
Concen: 17.464 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 92 Resp: 164102
Ion Ratio Lower Upper
92 100
91 170.4 137.3 205.9





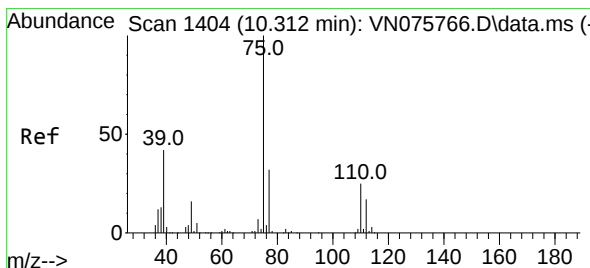
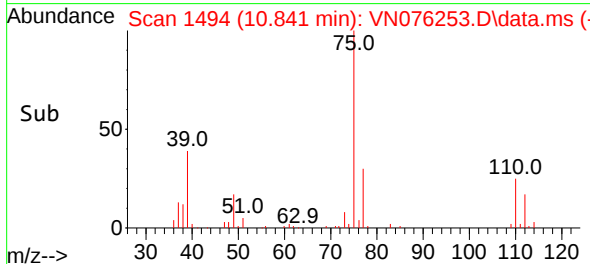
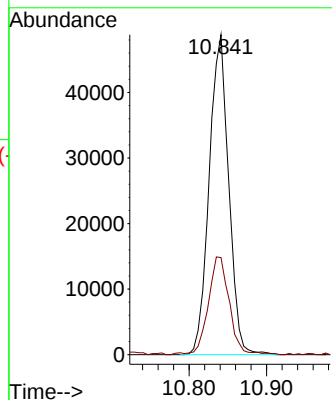
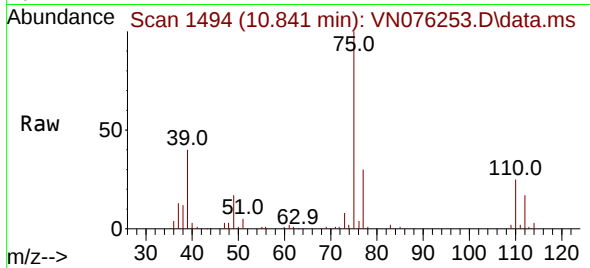
#53
 t-1,3-Dichloropropene
 Concen: 17.064 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01

Tgt Ion: 75 Resp: 8530
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.9 37.3

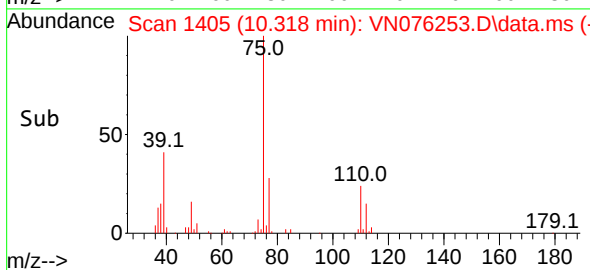
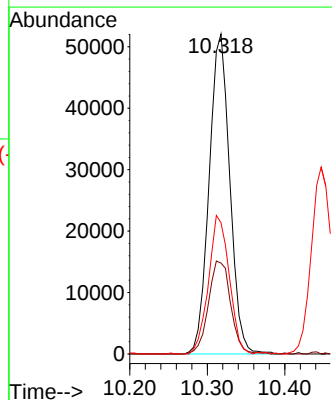
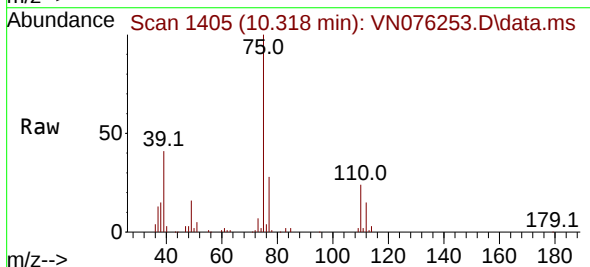
Manual Integrations
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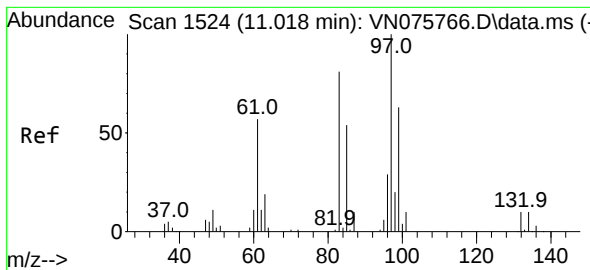
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#54
 cis-1,3-Dichloropropene
 Concen: 17.592 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

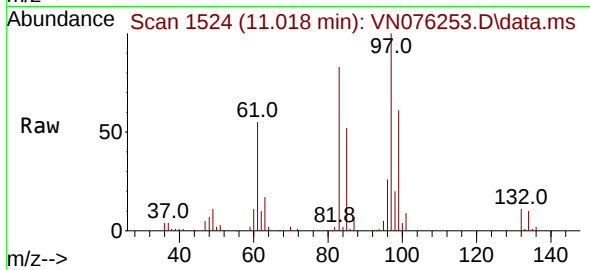
Tgt Ion: 75 Resp: 96552
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.8 38.8
 39 41.0 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 17.856 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

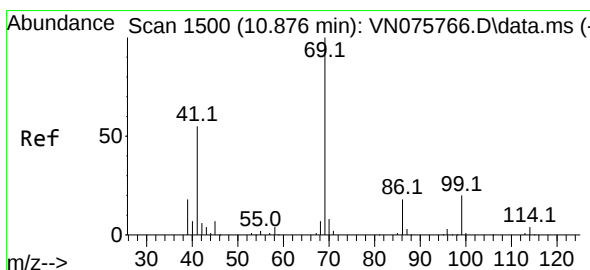
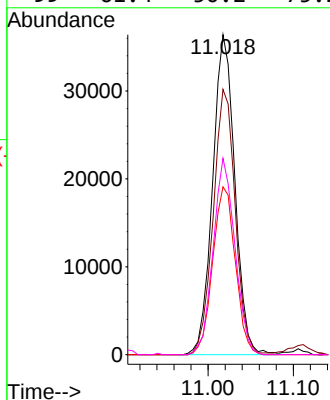
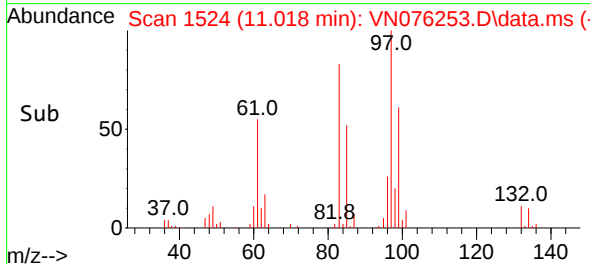


Tgt Ion: 97 Resp: 6585

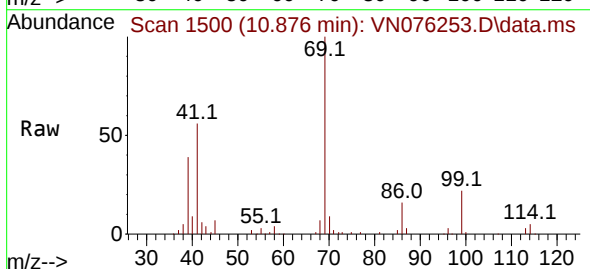
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.0	97.4
85	52.4	43.0	64.6
99	61.4	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

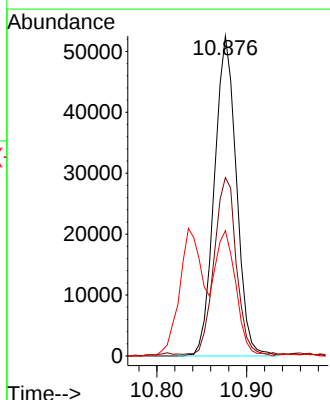
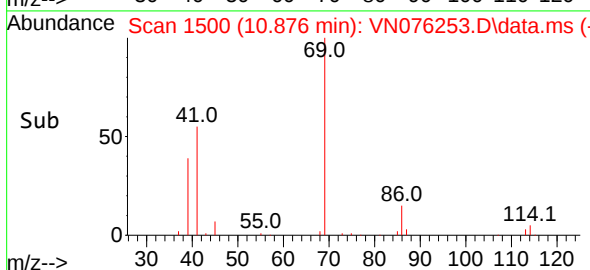


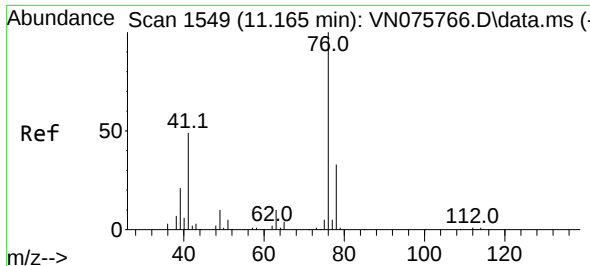
#56
Ethyl methacrylate
Concen: 18.251 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



Tgt Ion: 69 Resp: 89409

Ion	Ratio	Lower	Upper
69	100		
41	55.8	44.2	66.4
39	36.4	26.4	39.6





#57

1,3-Dichloropropane

Concen: 17.389 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion: 76 Resp: 10519

Ion Ratio Lower Upper

76 100

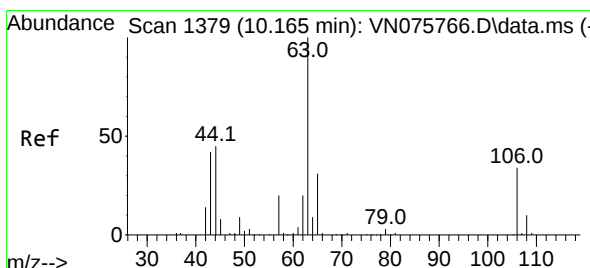
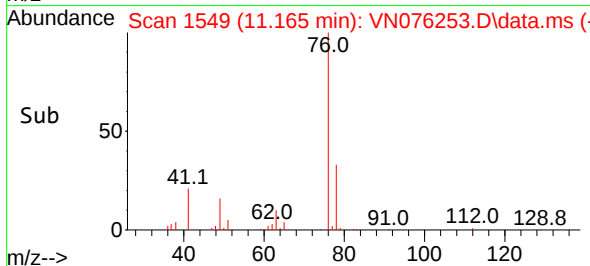
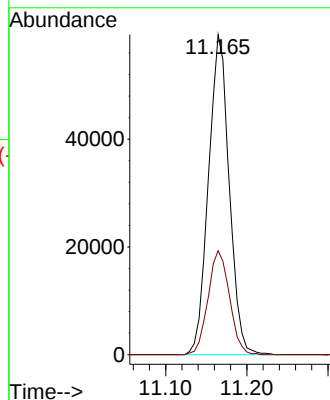
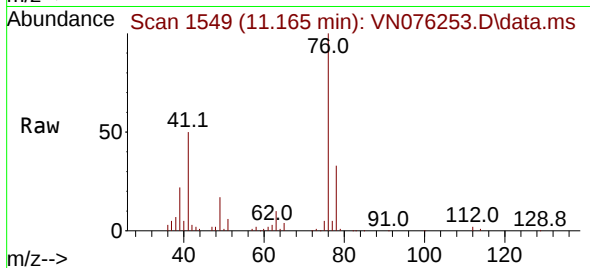
78 33.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.934 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076253.D

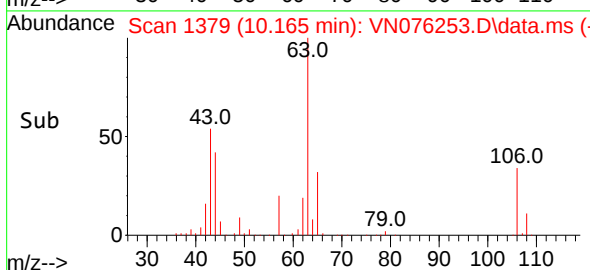
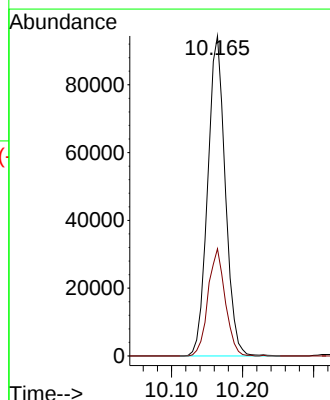
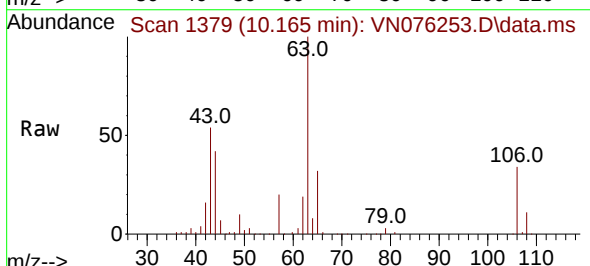
Acq: 13 Jan 2023 17:03

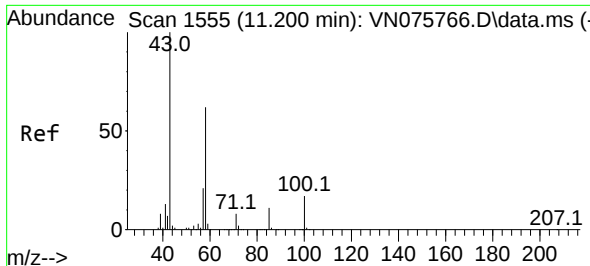
Tgt Ion: 63 Resp: 162106

Ion Ratio Lower Upper

63 100

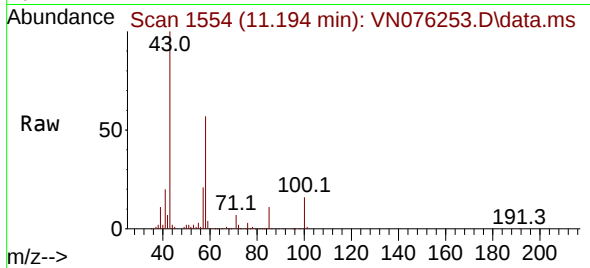
106 32.8 26.4 39.6





#59
2-Hexanone
Concen: 91.152 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

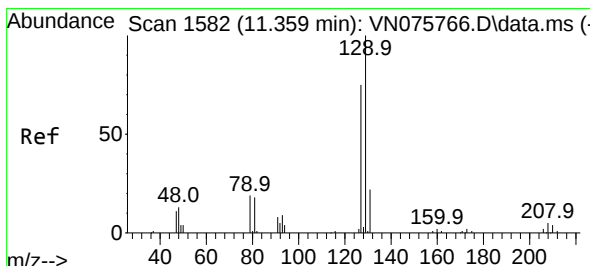
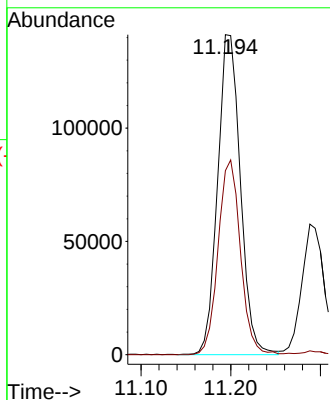
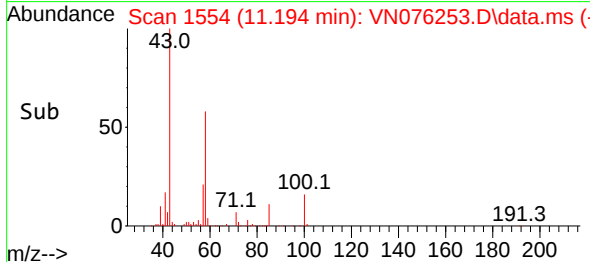
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 43 Resp: 249085
Ion Ratio Lower Upper
43 100
58 59.6 30.6 92.0

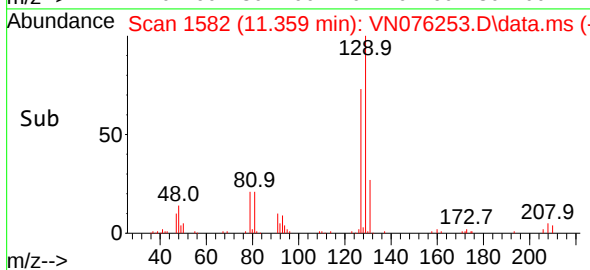
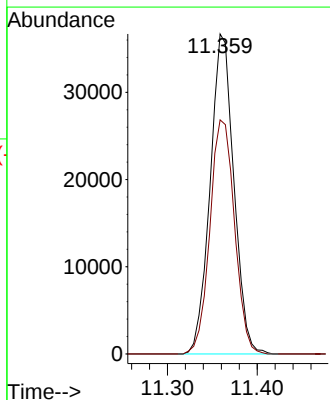
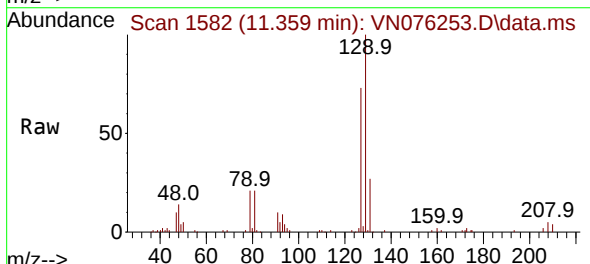
Manual Integrations
APPROVED

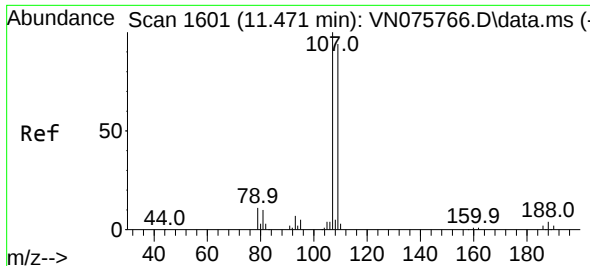
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#60
Dibromochloromethane
Concen: 16.389 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

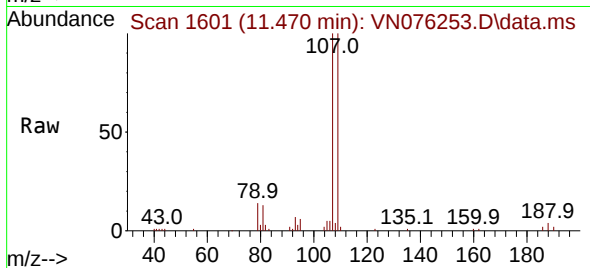
Tgt Ion:129 Resp: 67222
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 17.226 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

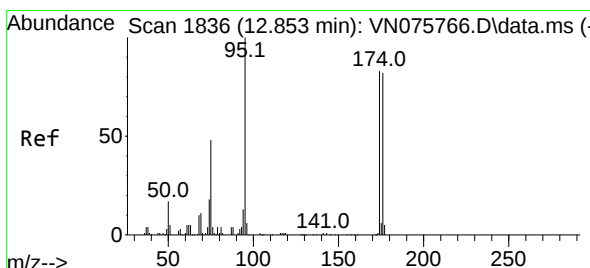
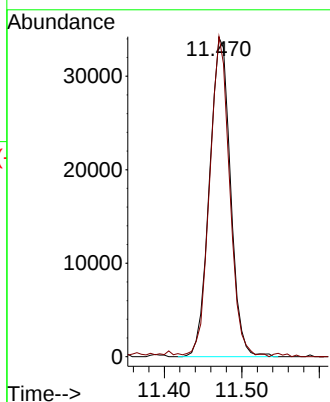
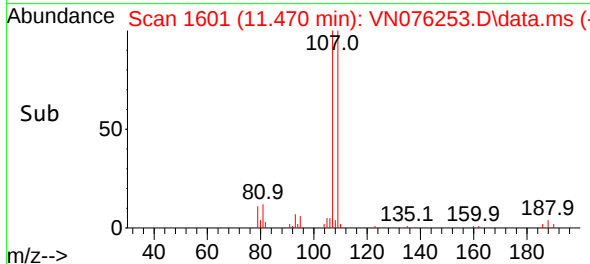
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



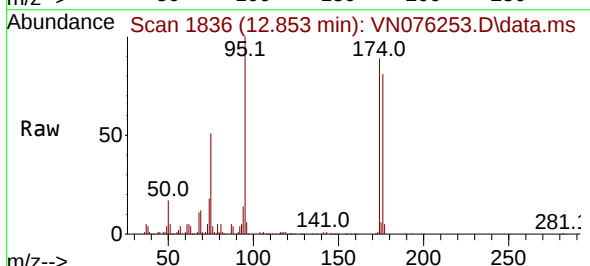
Tgt Ion:107 Resp: 64294
Ion Ratio Lower Upper
107 100
109 95.6 74.8 112.2

Manual Integrations
APPROVED

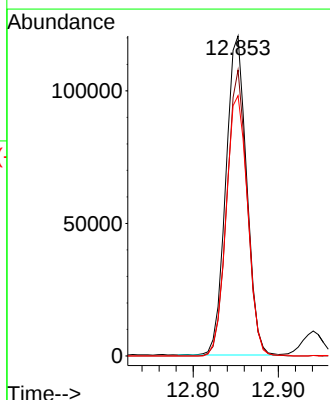
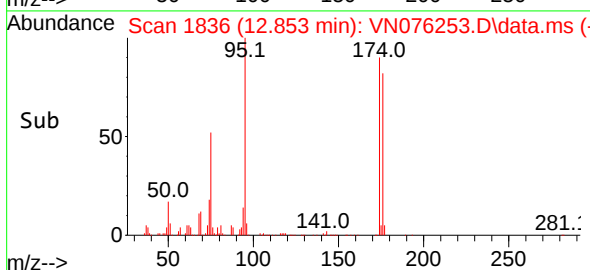
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

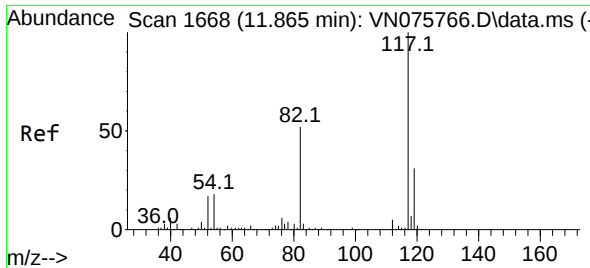


#62
4-Bromofluorobenzene
Concen: 46.865 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



Tgt Ion: 95 Resp: 204296
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.7 0.0 169.2





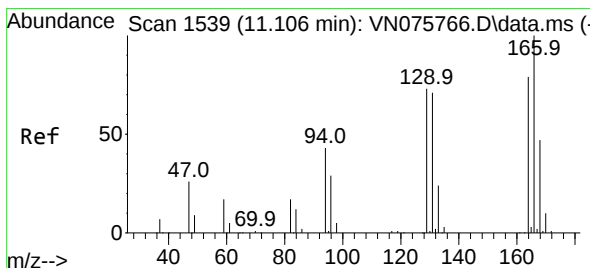
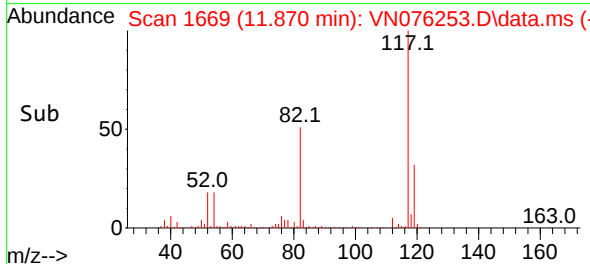
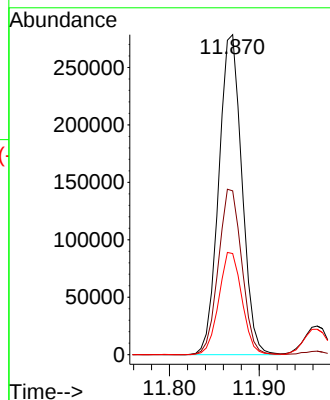
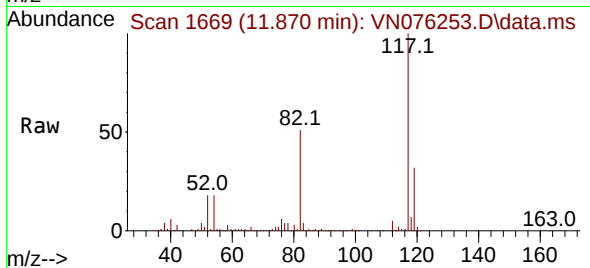
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion:117 Resp: 49921
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 31.6 24.6 37.0

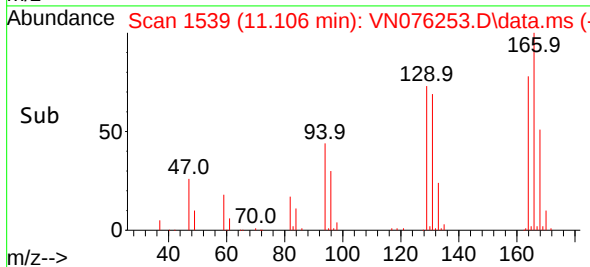
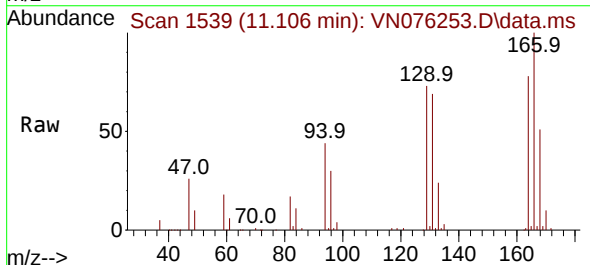
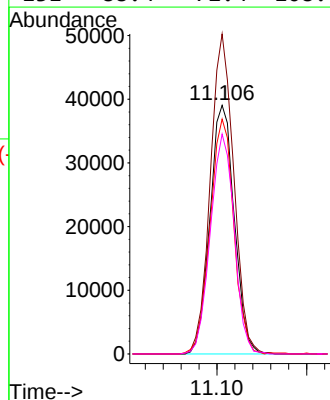
Manual Integrations
APPROVED

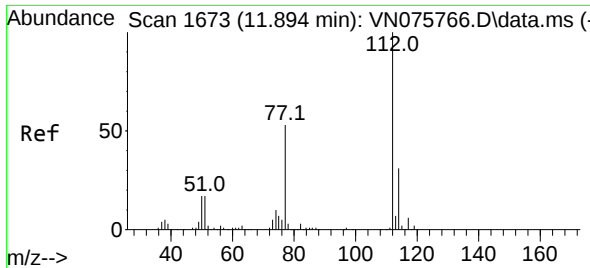
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#64
Tetrachloroethene
Concen: 20.921 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:164 Resp: 73492
Ion Ratio Lower Upper
164 100
166 128.7 101.9 152.9
129 94.4 74.2 111.2
131 88.4 72.4 108.6





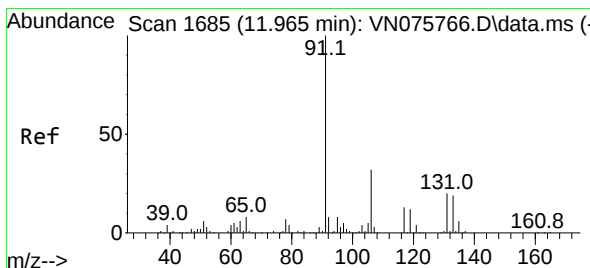
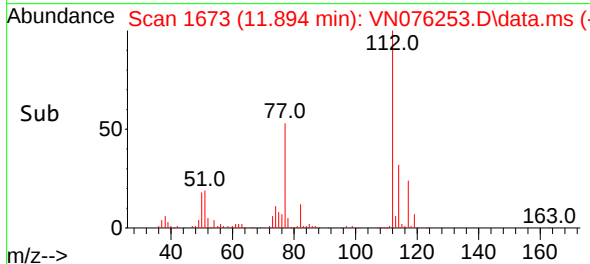
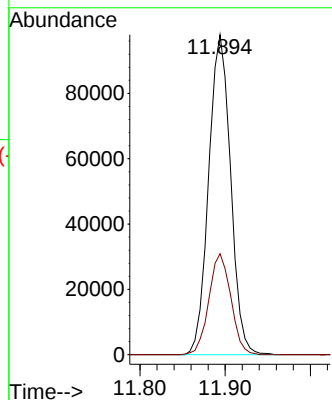
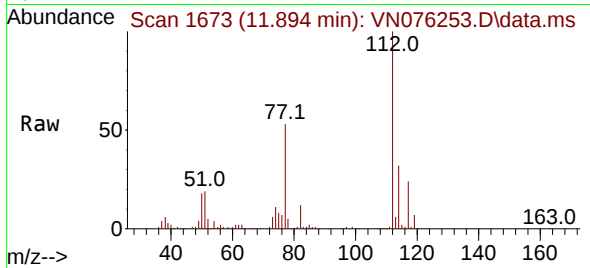
#65
Chlorobenzene
Concen: 17.098 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion:112 Resp: 175194
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1

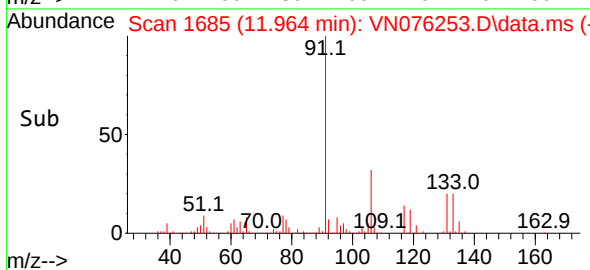
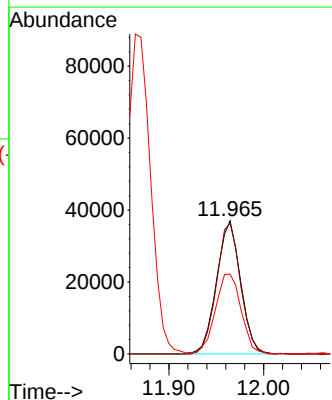
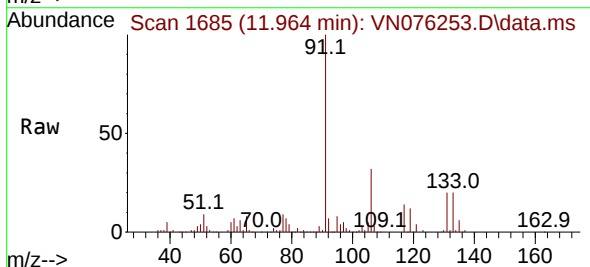
Manual Integrations
APPROVED

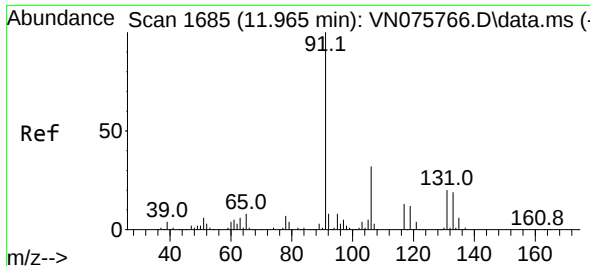
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.159 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:131 Resp: 65120
Ion Ratio Lower Upper
131 100
133 98.6 47.5 142.5
119 64.5 31.9 95.7





#67

Ethyl Benzene

Concen: 17.836 ug/l

RT: 11.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBS01

Tgt Ion: 91 Resp: 308438

Ion Ratio Lower Upper

91 100

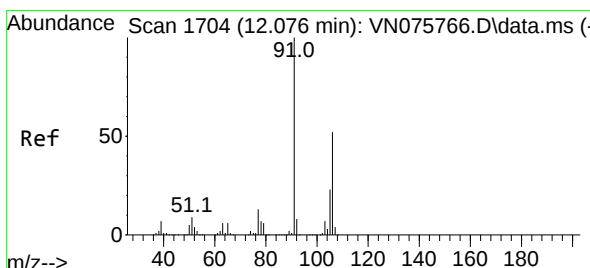
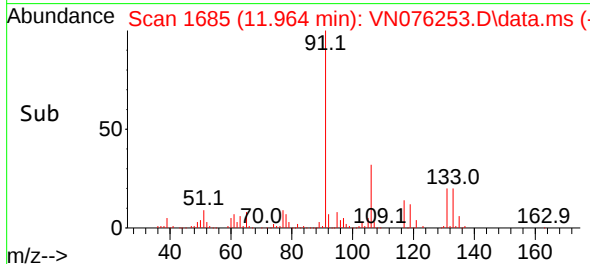
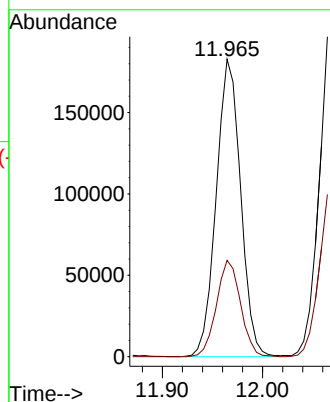
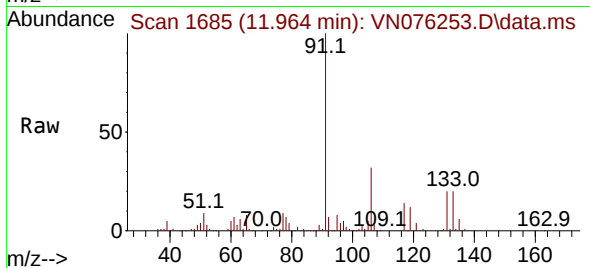
106 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#68

m/p-Xylenes

Concen: 35.875 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN076253.D

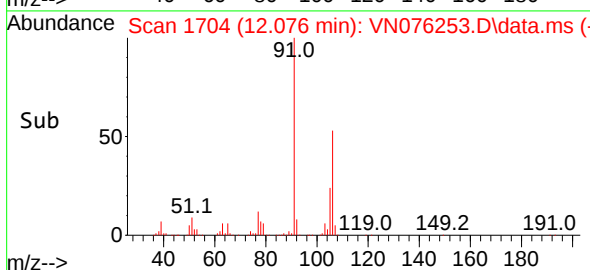
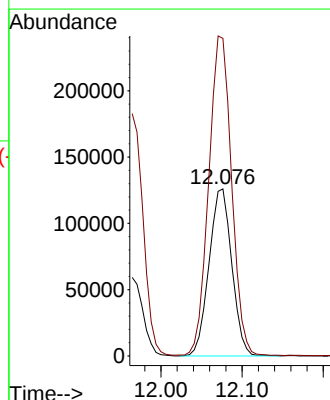
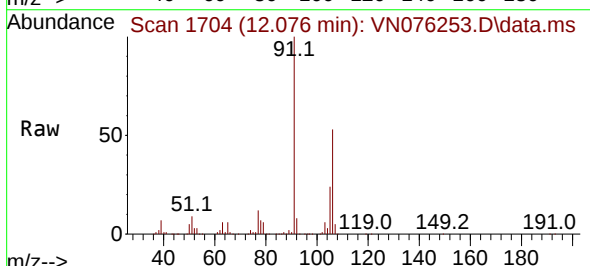
Acq: 13 Jan 2023 17:03

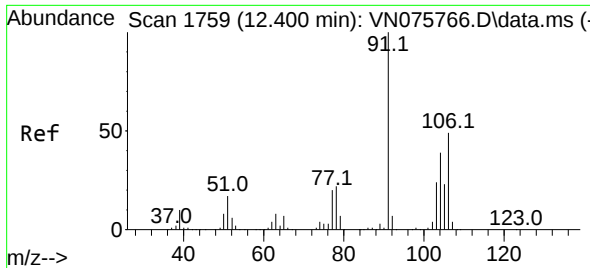
Tgt Ion:106 Resp: 245551

Ion Ratio Lower Upper

106 100

91 192.1 156.6 235.0





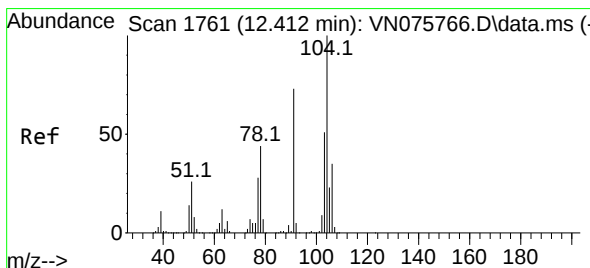
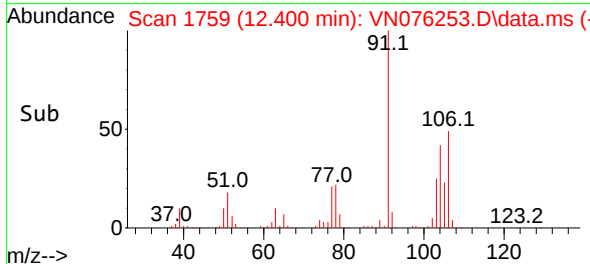
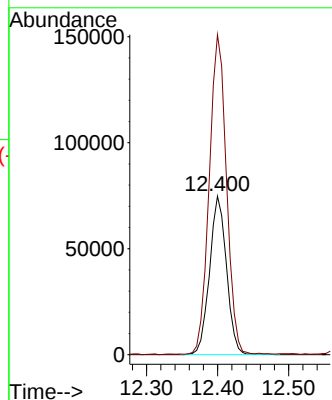
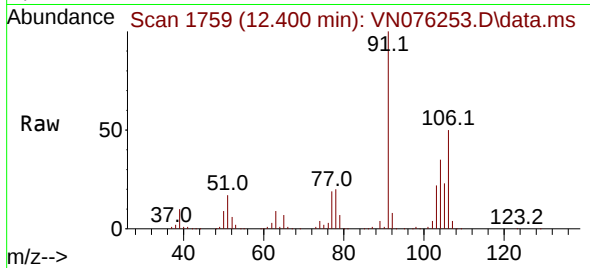
#69
o-Xylene
Concen: 18.286 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion:106 Resp: 123858
Ion Ratio Lower Upper
106 100
91 204.6 103.8 311.6

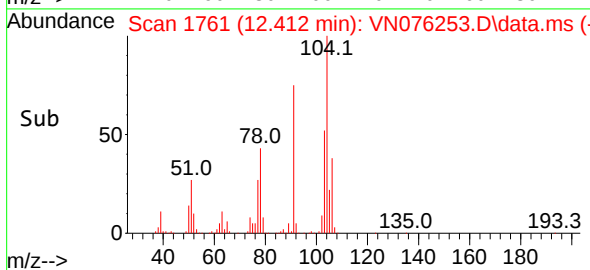
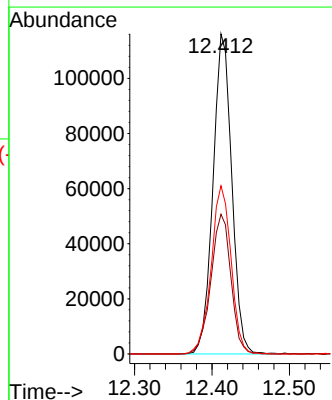
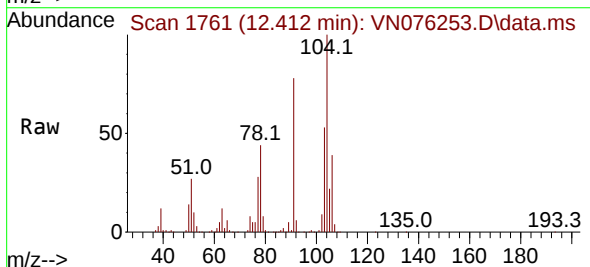
Manual Integrations
APPROVED

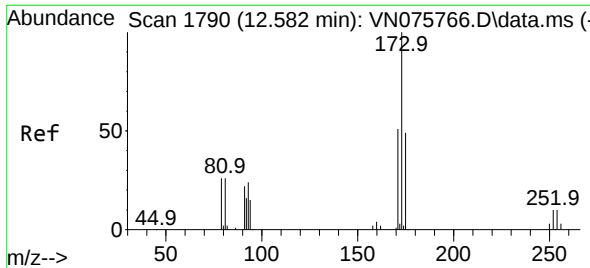
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#70
Styrene
Concen: 18.156 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

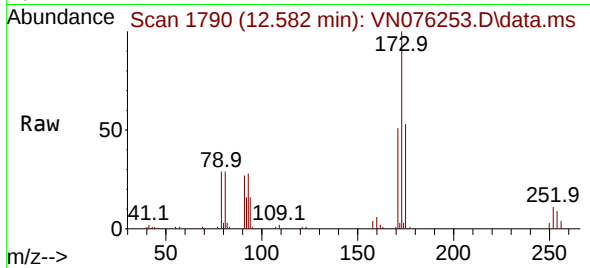
Tgt Ion:104 Resp: 195540
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 55.7 43.5 65.3





#71
Bromoform
Concen: 16.761 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

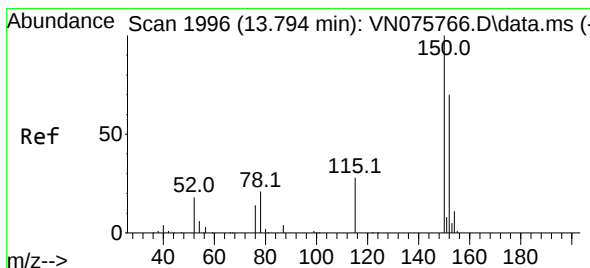
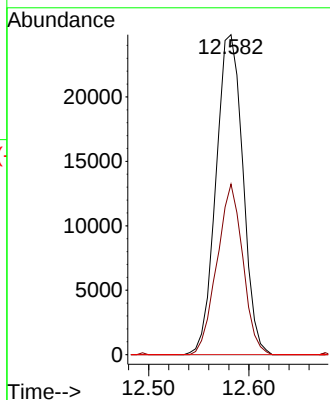
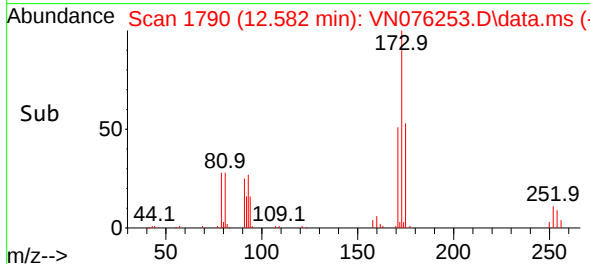
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



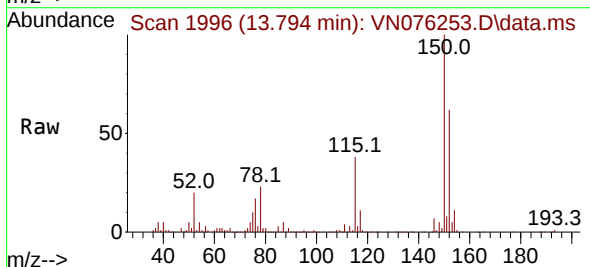
Tgt Ion:173 Resp: 46280
Ion Ratio Lower Upper
173 100
175 51.2 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

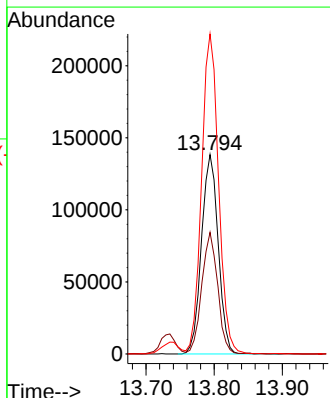
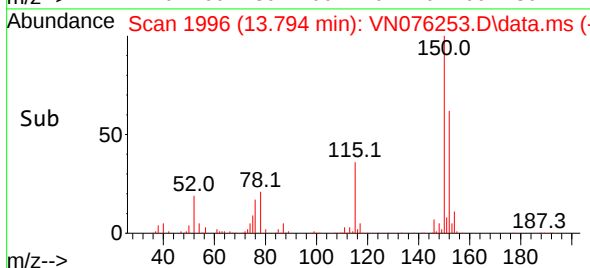
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

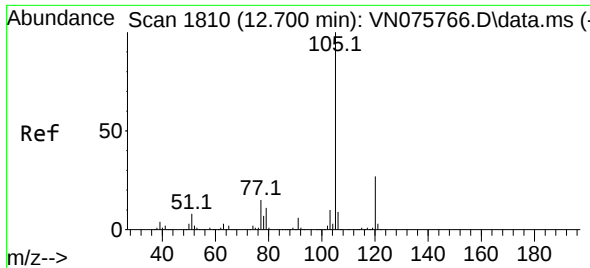


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



Tgt Ion:152 Resp: 236041
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.4
150 162.7 0.0 347.0





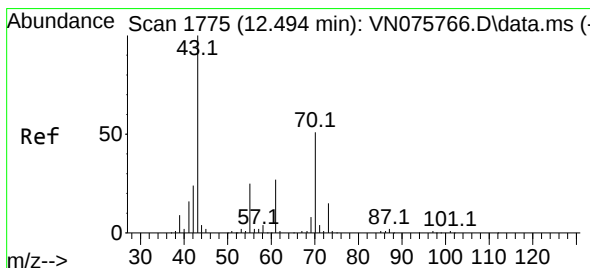
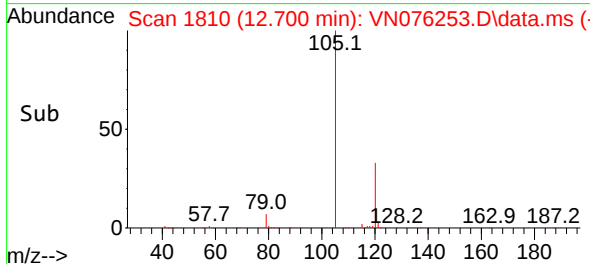
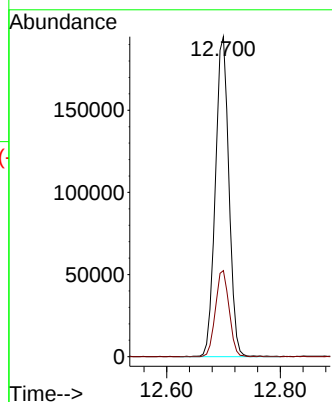
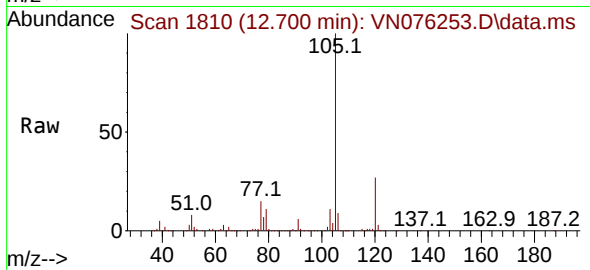
#73
Isopropylbenzene
Concen: 18.878 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion:105 Resp: 32201
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

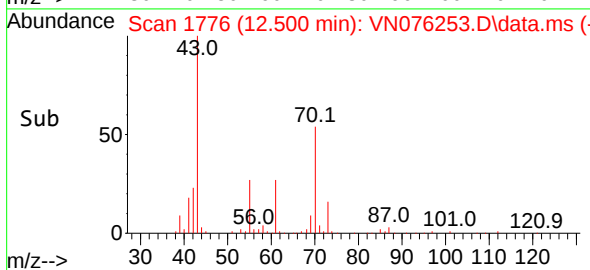
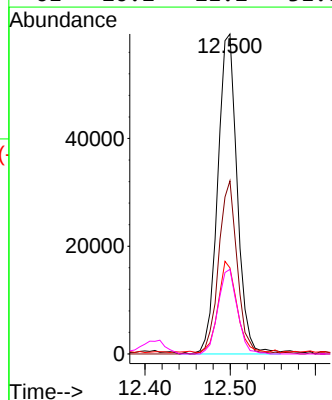
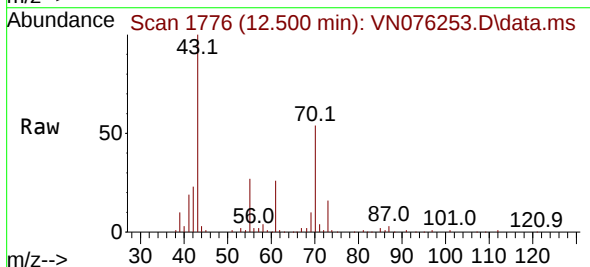
Manual Integrations
APPROVED

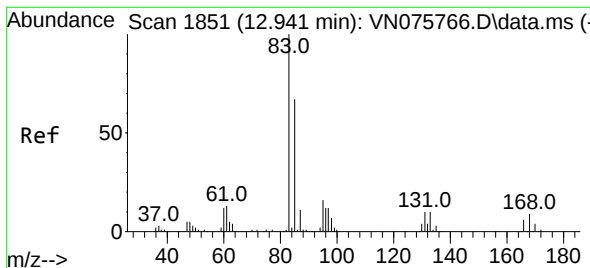
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#74
N-ethyl acetate
Concen: 18.889 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

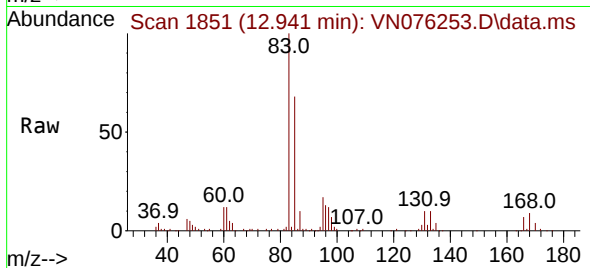
Tgt Ion: 43 Resp: 94519
Ion Ratio Lower Upper
43 100
70 51.4 41.4 62.0
55 27.1 21.3 31.9
61 26.2 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 17.503 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

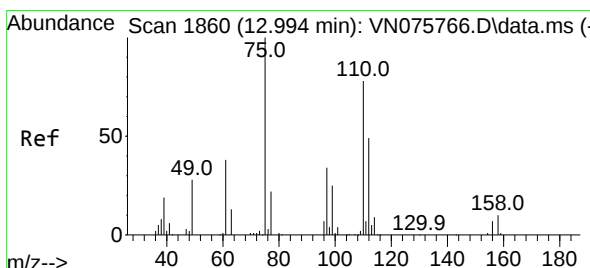
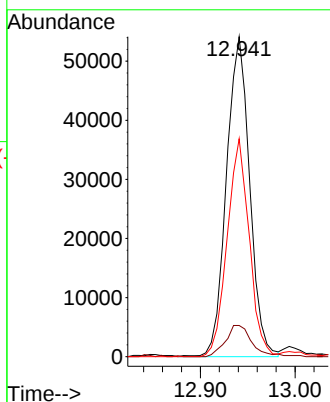
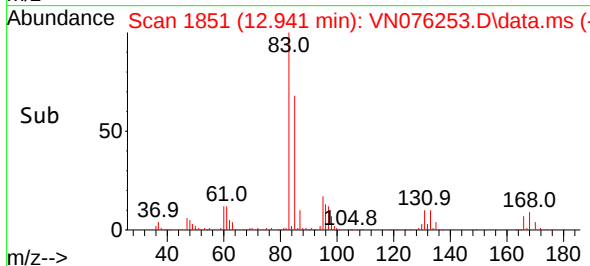
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 83 Resp: 9229
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.6 32.6 98.0

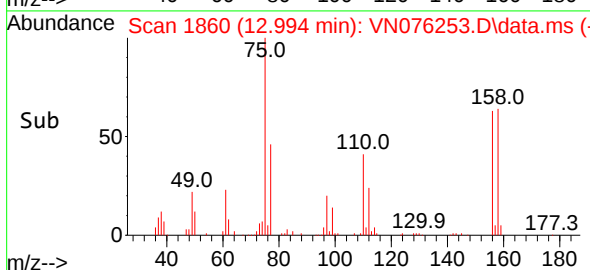
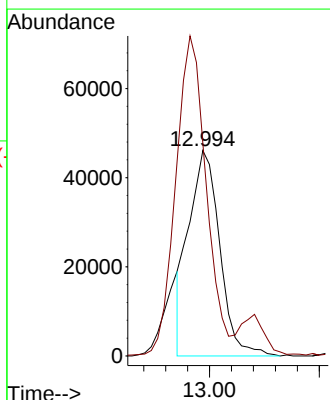
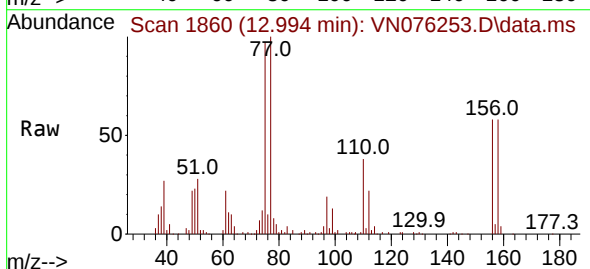
Manual Integrations
APPROVED

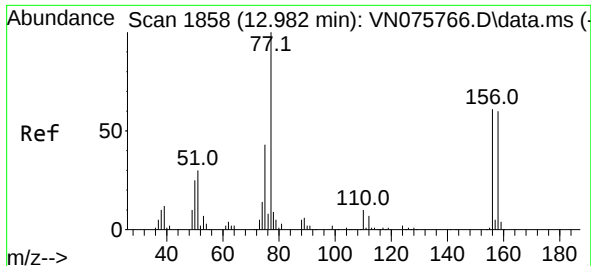
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#76
1,2,3-Trichloropropane
Concen: 19.026 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

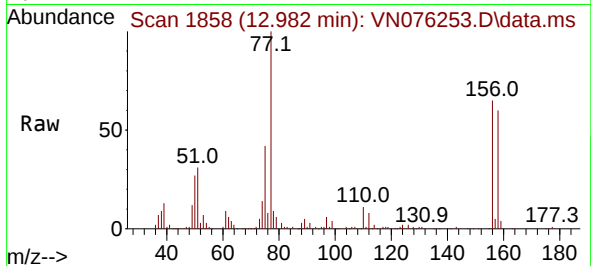
Tgt Ion: 75 Resp: 90526
Ion Ratio Lower Upper
75 100
77 151.8 82.6 247.8





#77
Bromobenzene
Concen: 18.069 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

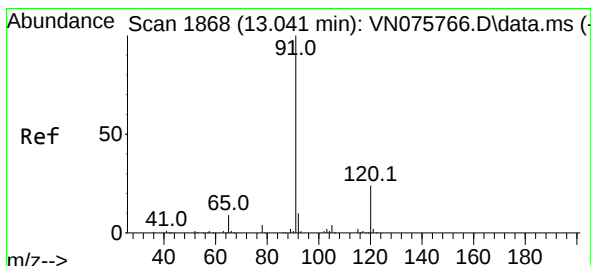
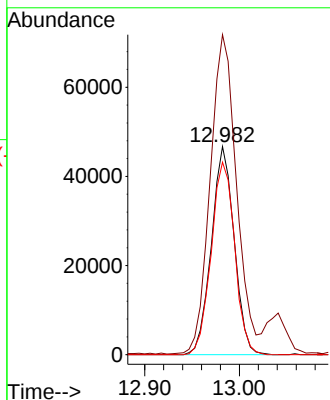
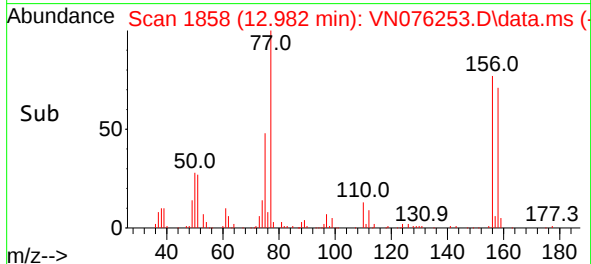
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



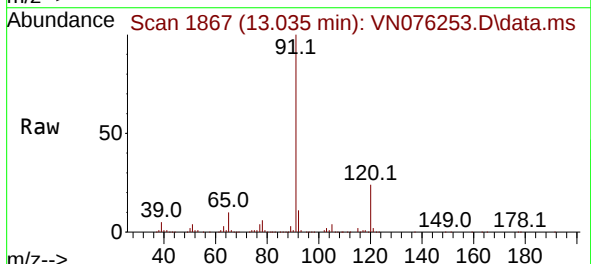
Tgt Ion:156 Resp: 7800
Ion Ratio Lower Upper
156 100
77 176.1 93.8 281.3
158 95.3 48.9 146.6

Manual Integrations
APPROVED

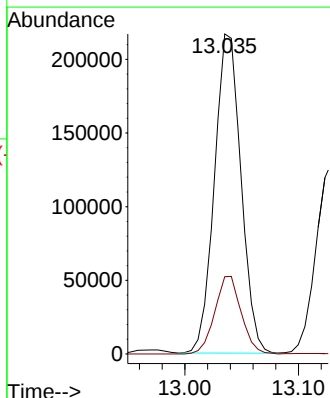
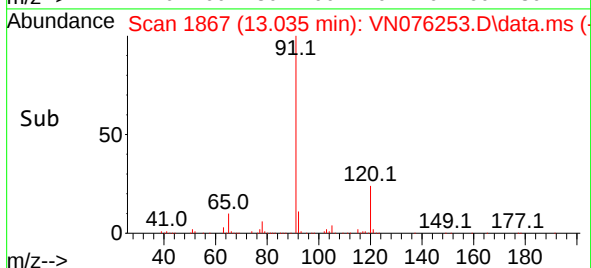
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

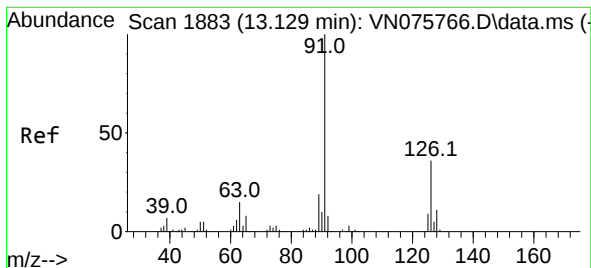


#78
n-propylbenzene
Concen: 18.723 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



Tgt Ion: 91 Resp: 352235
Ion Ratio Lower Upper
91 100
120 24.1 12.0 36.1





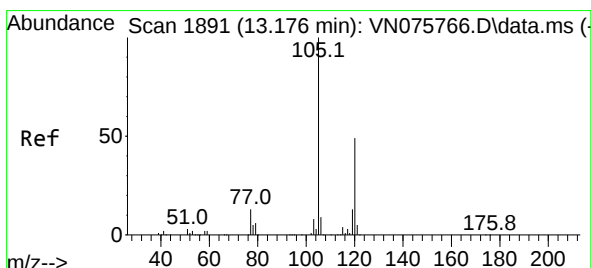
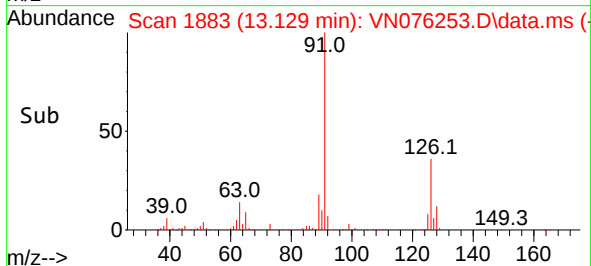
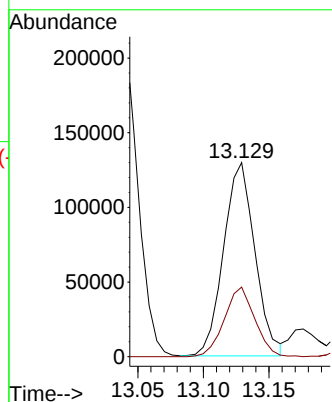
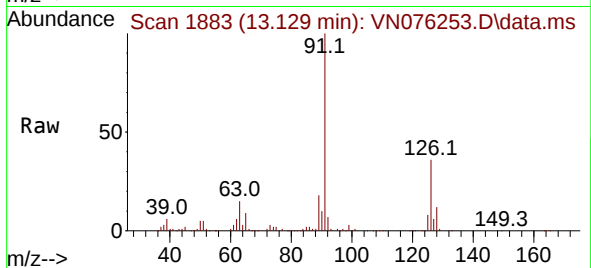
#79
2-Chlorotoluene
Concen: 18.330 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 91 Resp: 21526
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5

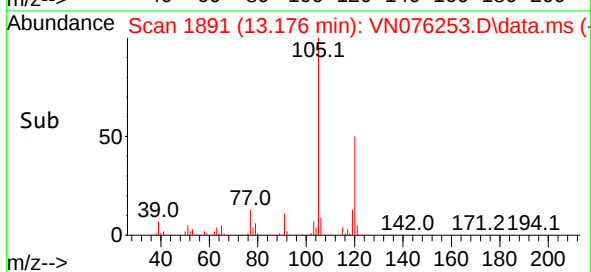
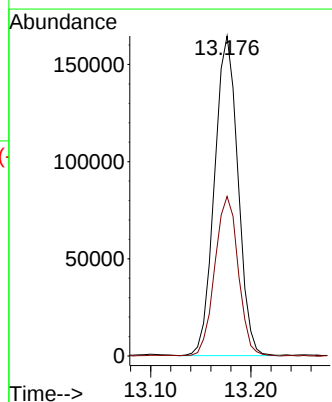
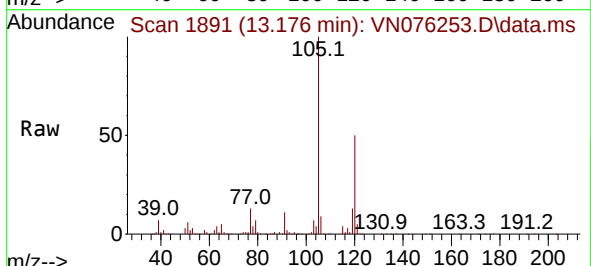
Manual Integrations
APPROVED

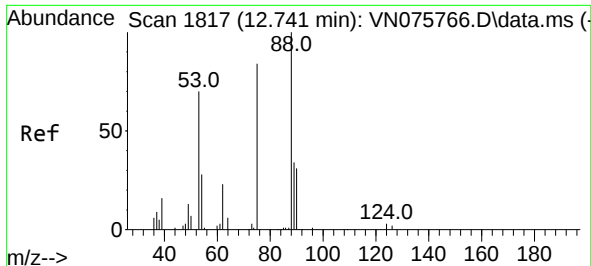
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.668 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

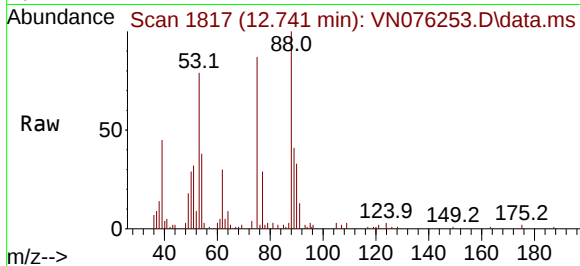
Tgt Ion:105 Resp: 266508
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.474 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

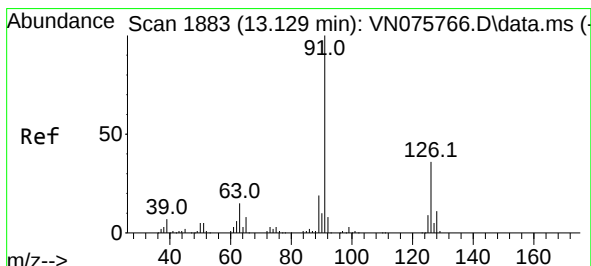
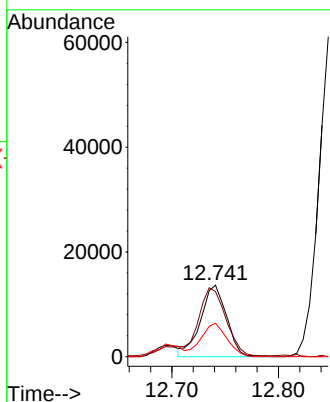
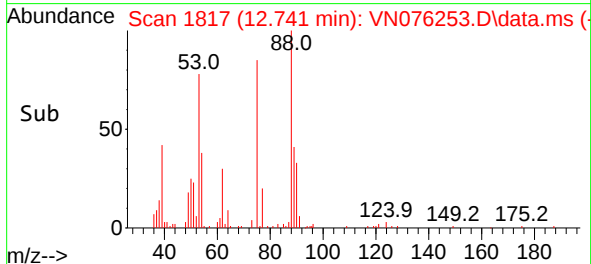
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion: 75 Resp: 23098
Ion Ratio Lower Upper
75 100
53 117.8 73.8 110.6
89 46.7 39.5 59.3

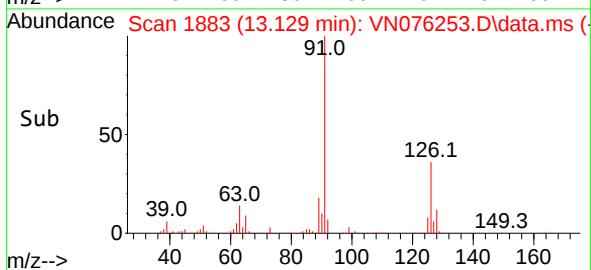
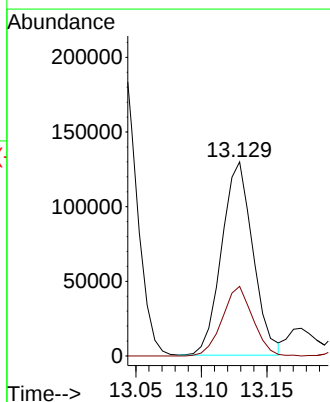
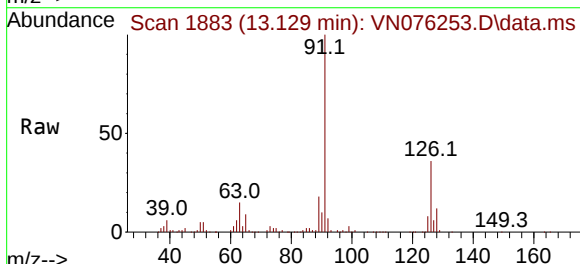
Manual Integrations
APPROVED

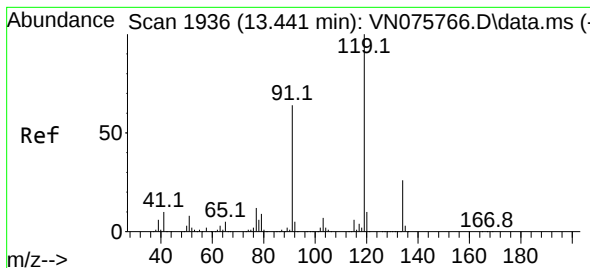
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#82
4-Chlorotoluene
Concen: 18.330 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 91 Resp: 215261
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





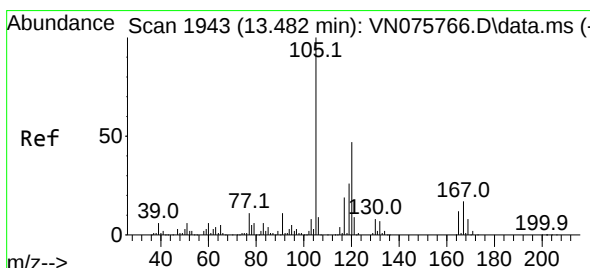
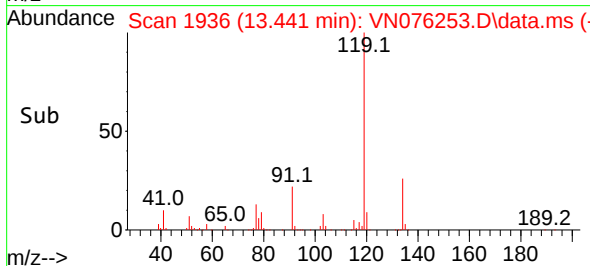
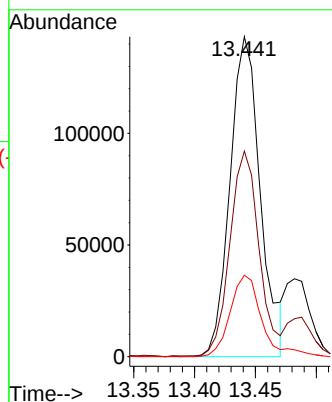
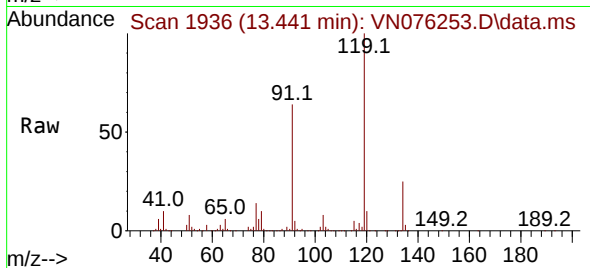
#83
tert-Butylbenzene
Concen: 19.734 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion:119 Resp: 248389
Ion Ratio Lower Upper
119 100
91 62.3 31.9 95.5
134 26.6 13.8 41.4

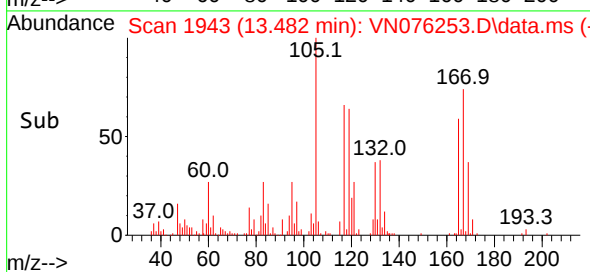
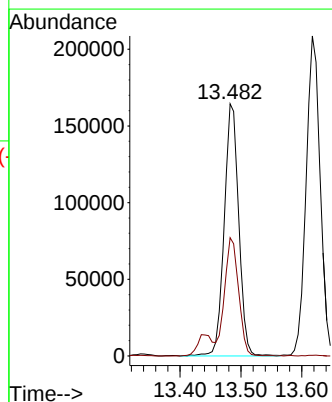
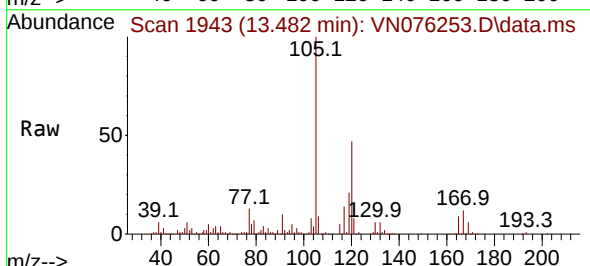
Manual Integrations
APPROVED

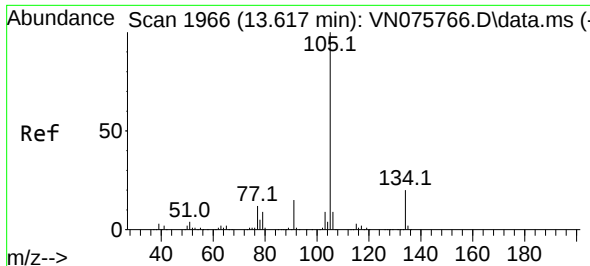
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.238 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

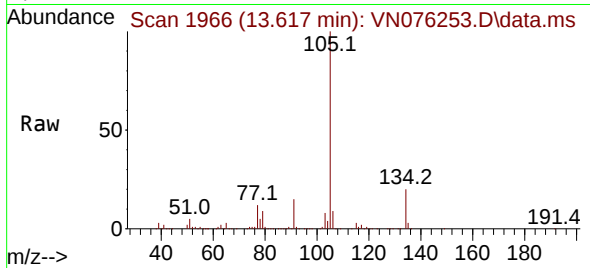
Tgt Ion:105 Resp: 272452
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.190 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

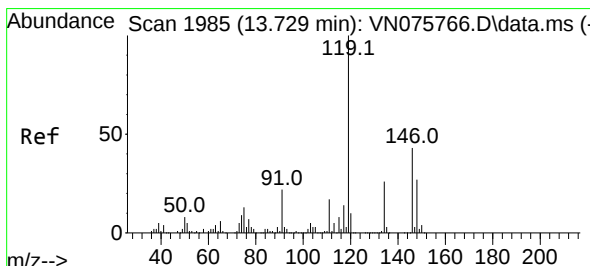
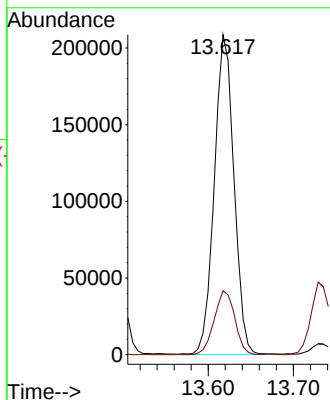
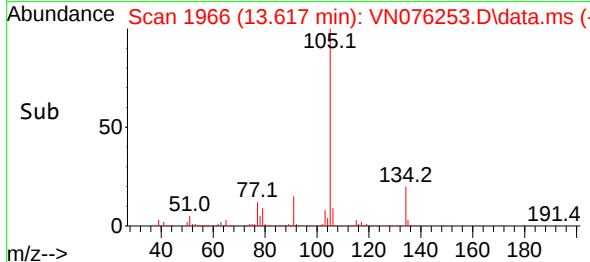
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBS01



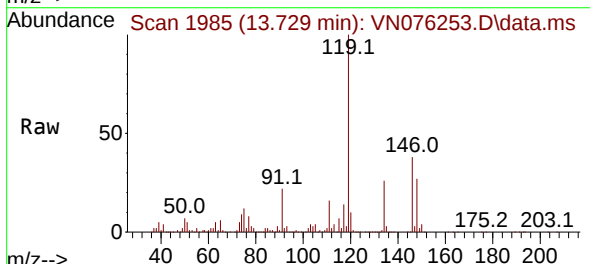
Tgt Ion:105 Resp: 333390
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1

Manual Integrations
 APPROVED

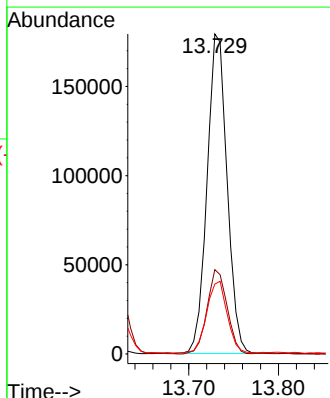
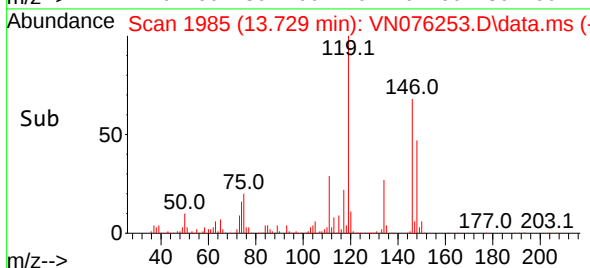
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023

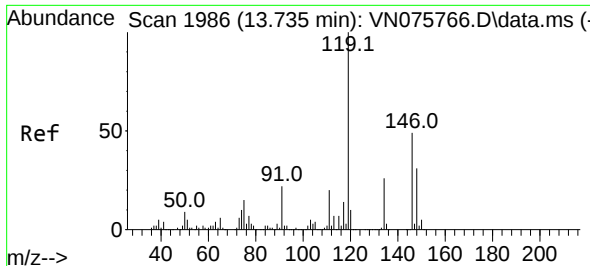


#86
 p-Isopropyltoluene
 Concen: 19.196 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03



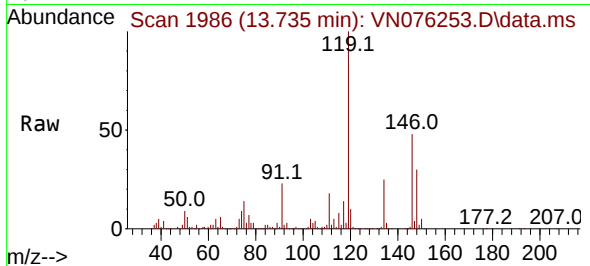
Tgt Ion:119 Resp: 277488
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.1 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 17.296 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

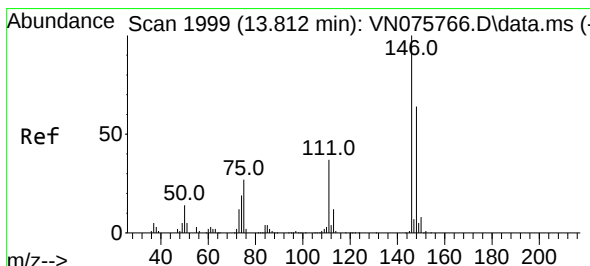
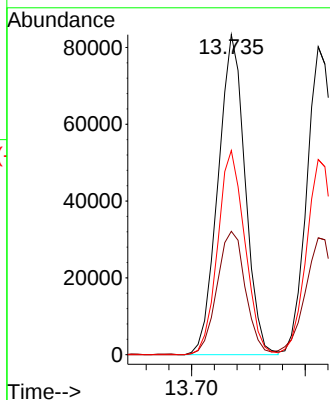
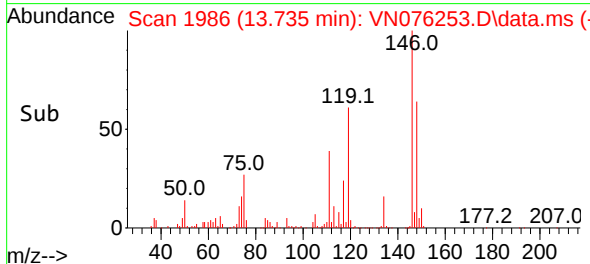
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



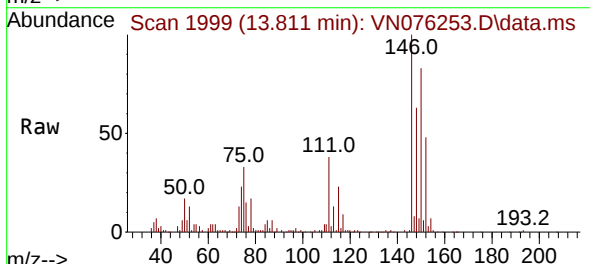
Tgt Ion:146 Resp: 137920
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.9 31.4 94.2

Manual Integrations
APPROVED

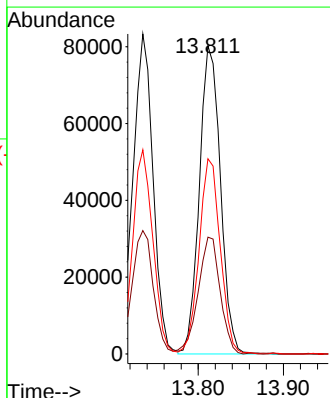
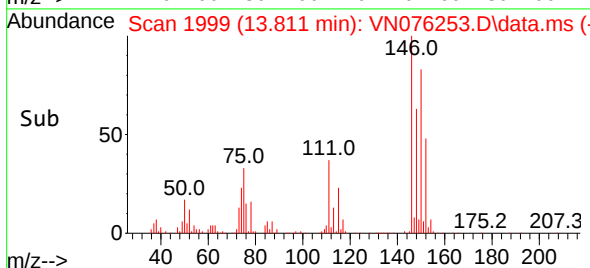
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

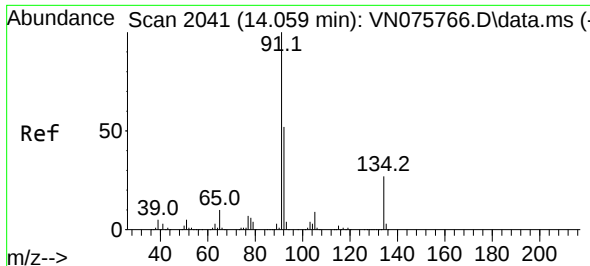


#88
1,4-Dichlorobenzene
Concen: 16.924 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



Tgt Ion:146 Resp: 137861
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 63.6 32.0 96.2





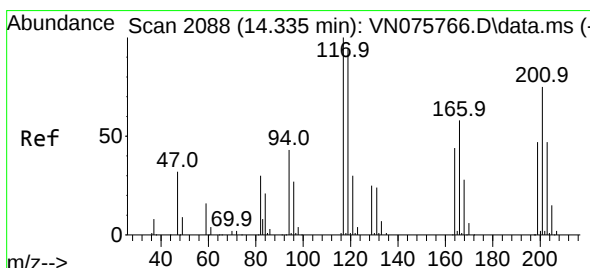
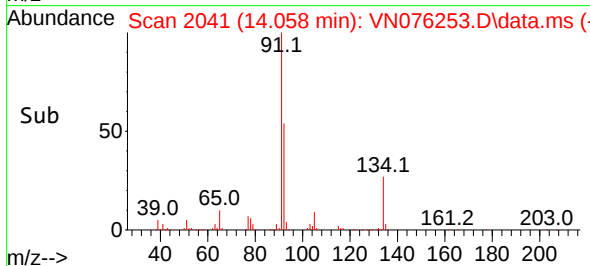
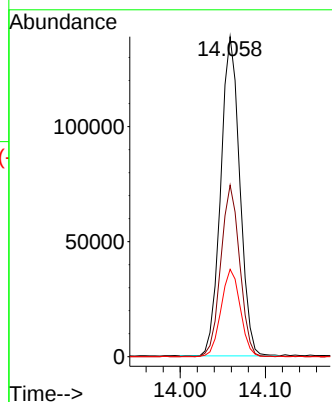
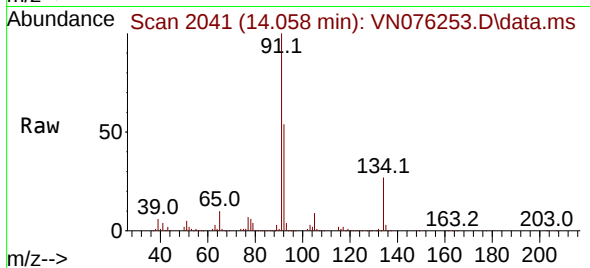
#89
n-Butylbenzene
Concen: 18.422 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion: 91 Resp: 21574
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 27.7 13.4 40.2

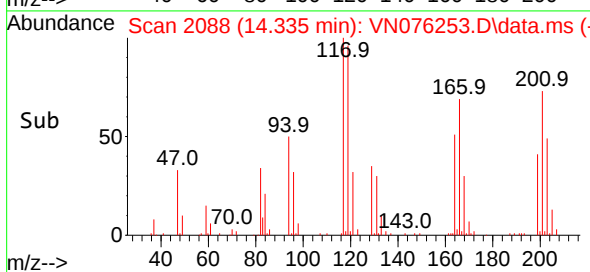
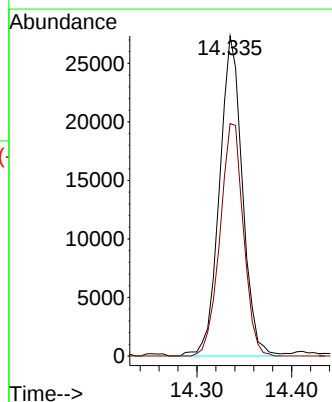
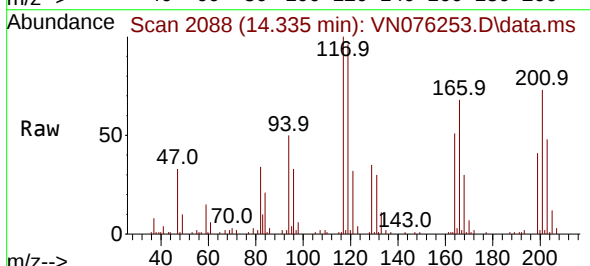
Manual Integrations
APPROVED

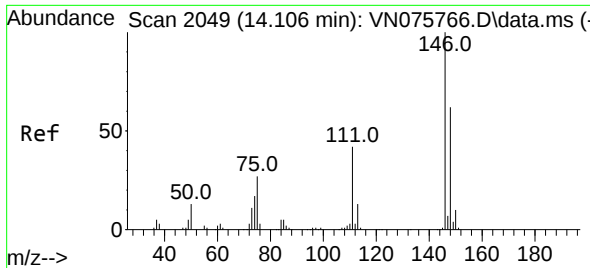
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#90
Hexachloroethane
Concen: 17.791 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:117 Resp: 46005
Ion Ratio Lower Upper
117 100
201 74.1 38.0 114.1





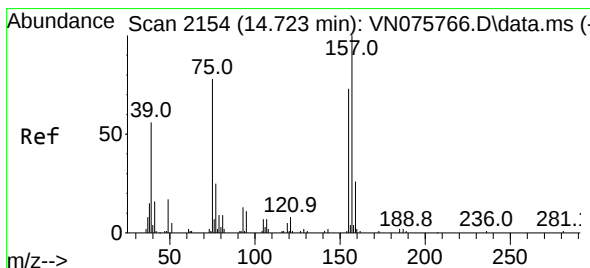
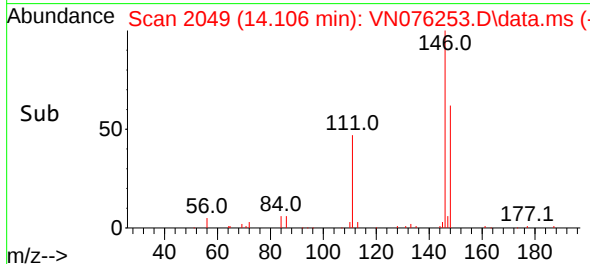
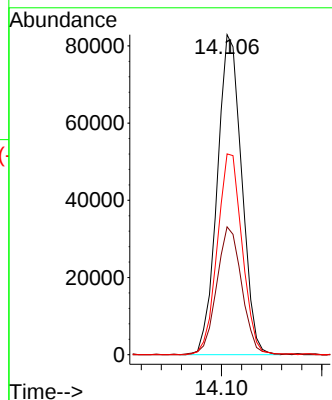
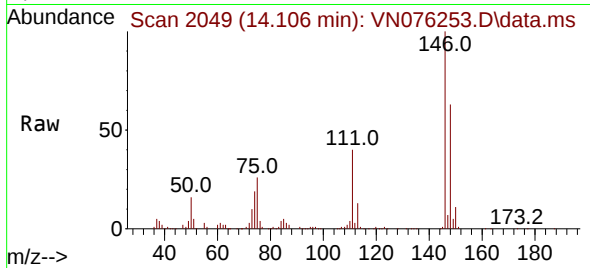
#91
1,2-Dichlorobenzene
Concen: 17.865 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01

Tgt Ion:146 Resp: 140310
Ion Ratio Lower Upper
146 100
111 40.9 20.3 61.0
148 63.7 31.7 95.1

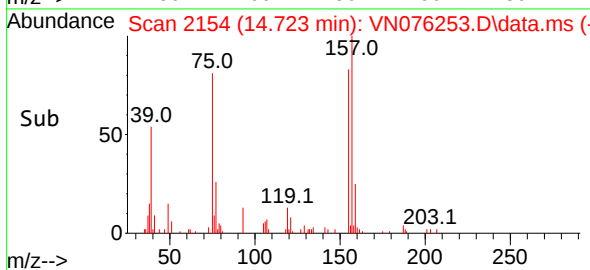
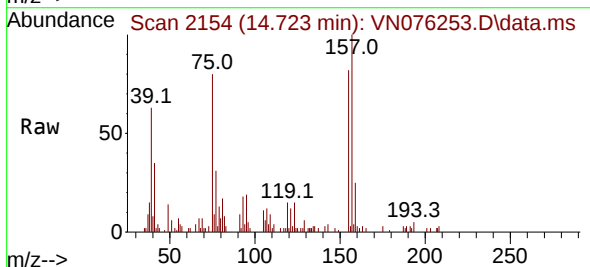
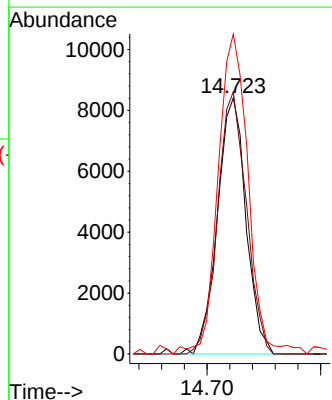
Manual Integrations
APPROVED

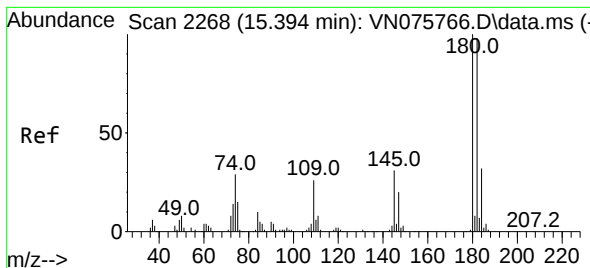
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.655 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

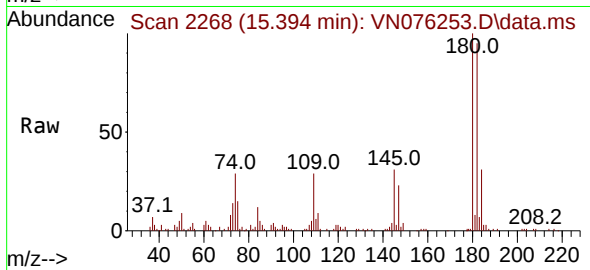
Tgt Ion: 75 Resp: 14648
Ion Ratio Lower Upper
75 100
155 102.8 49.3 147.8
157 131.7 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 17.071 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

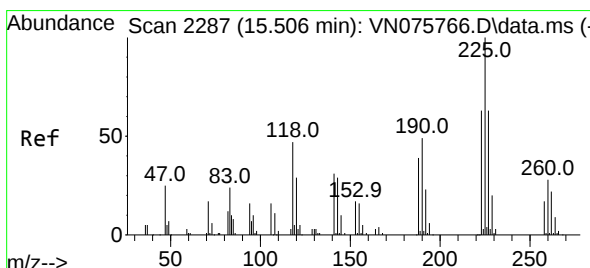
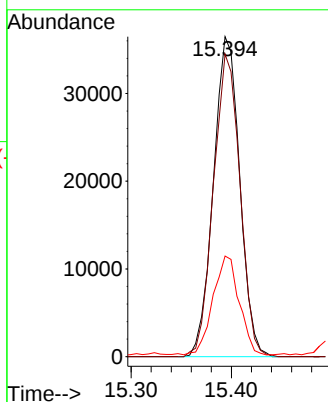
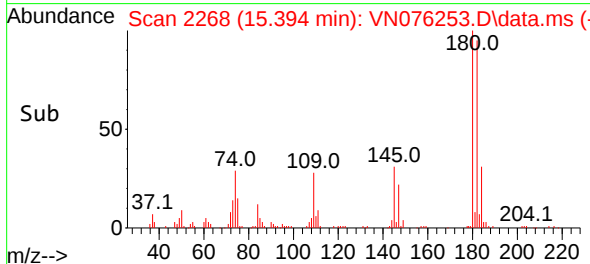
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



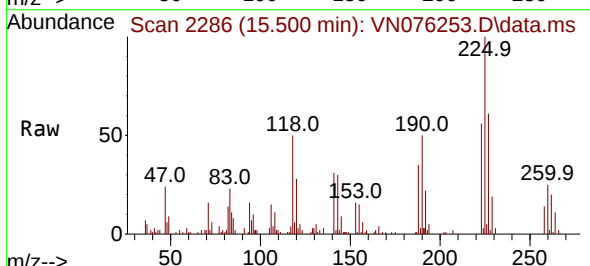
Tgt Ion:180 Resp: 6638
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 31.2 15.3 45.8

Manual Integrations
APPROVED

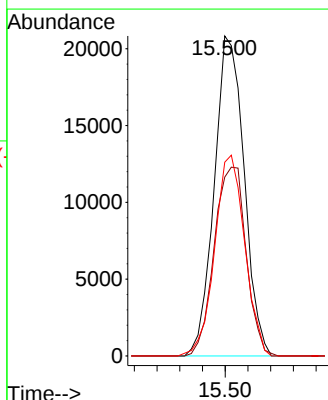
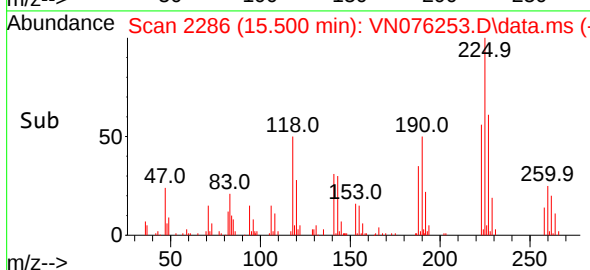
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

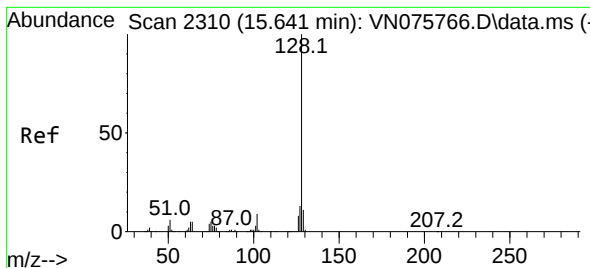


#94
Hexachlorobutadiene
Concen: 17.898 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



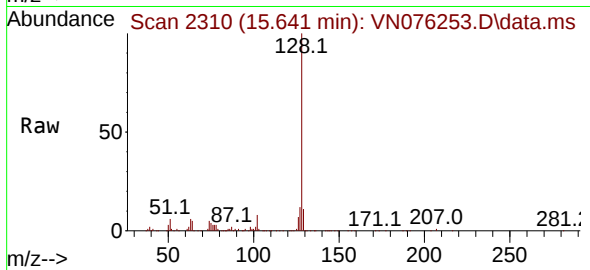
Tgt Ion:225 Resp: 37970
Ion Ratio Lower Upper
225 100
223 63.1 31.5 94.5
227 63.1 31.6 95.0





#95
Naphthalene
Concen: 17.045 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

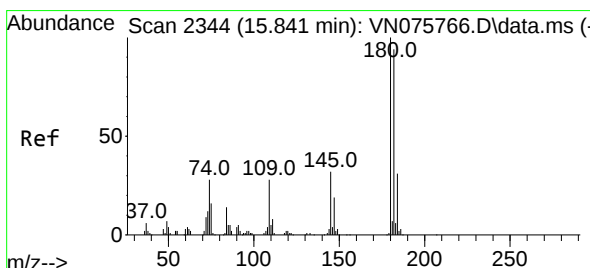
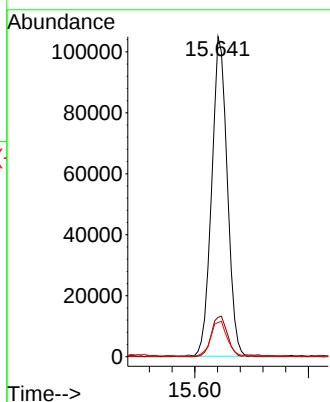
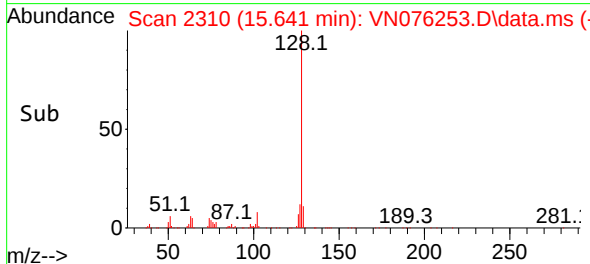
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBS01



Tgt Ion:128 Resp: 19969
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 12.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.895 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:180 Resp: 65039
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 34.1 16.0 47.9

