

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076406.D
 Acq On : 25 Jan 2023 16:58
 Operator : JC\MD
 Sample : 01291-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MS

Quant Time: Jan 26 07:19:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	367554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	504960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216506	52.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.220%	
35) Dibromofluoromethane	8.171	113	199375	55.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.320%	
50) Toluene-d8	10.571	98	694094	52.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.920%	
62) 4-Bromofluorobenzene	12.853	95	237161	54.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.820%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	166334	44.161	ug/l	98
3) Chloromethane	2.377	50	176126	45.163	ug/l	95
4) Vinyl Chloride	2.530	62	261311	54.647	ug/l	99
5) Bromomethane	2.953	94	183211	46.786	ug/l	100
6) Chloroethane	3.124	64	182763	50.971	ug/l	96
7) Trichlorofluoromethane	3.512	101	341965	51.981	ug/l	100
8) Diethyl Ether	3.977	74	118317	53.621	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	189090	50.773	ug/l	96
10) Methyl Iodide	4.600	142	271615	47.747	ug/l	95
11) Tert butyl alcohol	5.536	59	141307	256.704	ug/l	99
12) 1,1-Dichloroethene	4.353	96	172792	49.082	ug/l	87
13) Acrolein	4.189	56	229161	348.107	ug/l	100
14) Allyl chloride	5.036	41	216590	52.793	ug/l	97
15) Acrylonitrile	5.730	53	410608	262.125	ug/l	99
16) Acetone	4.441	43	339149	257.072	ug/l	98
17) Carbon Disulfide	4.724	76	390324	44.528	ug/l	97
18) Methyl Acetate	5.036	43	224541	50.221	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	631075	55.063	ug/l	97
20) Methylene Chloride	5.289	84	199895	51.220	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	183609	48.142	ug/l	96
22) Diisopropyl ether	6.683	45	548486	56.691	ug/l	98
23) Vinyl Acetate	6.618	43	1700413	271.941	ug/l	96
24) 1,1-Dichloroethane	6.577	63	340528	52.802	ug/l	99
25) 2-Butanone	7.488	43	513521	254.856	ug/l	94
26) 2,2-Dichloropropane	7.500	77	263533	48.484	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	222937	50.118	ug/l	96
28) Bromochloromethane	7.818	49	144582	55.311	ug/l	91
29) Tetrahydrofuran	7.847	42	337186	271.138	ug/l	96
30) Chloroform	7.971	83	376740	52.795	ug/l	98
31) Cyclohexane	8.265	56	279284	44.177	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	336715	51.682	ug/l	93
36) 1,1-Dichloropropene	8.377	75	254891	50.073	ug/l	99
37) Ethyl Acetate	7.565	43	210660	51.594	ug/l	99
38) Carbon Tetrachloride	8.371	117	292835	51.586	ug/l	99
39) Methylcyclohexane	9.606	83	300010	48.262	ug/l	95
40) Benzene	8.612	78	739010	48.552	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	116407	54.451	ug/l	97
42) 1,2-Dichloroethane	8.677	62	267096	51.287	ug/l	98
43) Isopropyl Acetate	8.694	43	329886	49.665	ug/l	99
44) Trichloroethene	9.353	130	195860	45.496	ug/l	98
45) 1,2-Dichloropropane	9.624	63	180257	49.463	ug/l	100
46) Dibromomethane	9.712	93	132840	48.280	ug/l	97
47) Bromodichloromethane	9.894	83	275926	51.705	ug/l	99
48) Methyl methacrylate	9.682	41	162439	51.658	ug/l	97
49) 1,4-Dioxane	9.700	88	63862	962.487	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	1021388	261.948	ug/l	98
52) Toluene	10.635	92	480097	47.166	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	259197	50.951	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	288599	49.311	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	191824	49.303	ug/l	98
56) Ethyl methacrylate	10.876	69	266585	53.073	ug/l	97
57) 1,3-Dichloropropane	11.165	76	317164	50.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.194	63	439	0.259	ug/l #	42
59) 2-Hexanone	11.200	43	719029	254.471	ug/l	99
60) Dibromochloromethane	11.359	129	213470	52.121	ug/l	100
61) 1,2-Dibromoethane	11.470	107	186427	48.004	ug/l	98
64) Tetrachloroethene	11.106	164	185537	40.743	ug/l	98
65) Chlorobenzene	11.894	112	512291	47.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	199559	50.248	ug/l	99
67) Ethyl Benzene	11.965	91	931554	50.992	ug/l	99
68) m/p-Xylenes	12.076	106	723702	98.792	ug/l	96
69) o-Xylene	12.400	106	360032	50.047	ug/l	97
70) Styrene	12.412	104	572286	49.822	ug/l	98
71) Bromoform	12.582	173	147600	51.463	ug/l #	100
73) Isopropylbenzene	12.700	105	942673	50.884	ug/l	100
74) N-amyl acetate	12.494	43	275640	51.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	263996	49.570	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	316989	73.098	ug/l	86
77) Bromobenzene	12.982	156	212937	49.153	ug/l	95
78) n-propylbenzene	13.041	91	1069843	51.180	ug/l	99
79) 2-Chlorotoluene	13.129	91	631860	49.260	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	794138	51.168	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	69060	47.982	ug/l	96
82) 4-Chlorotoluene	13.129	91	631860	49.260	ug/l	98
83) tert-Butylbenzene	13.441	119	697138	50.503	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	791918	50.886	ug/l	99
85) sec-Butylbenzene	13.617	105	987968	51.580	ug/l	98
86) p-Isopropyltoluene	13.735	119	825971	52.441	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	398898	45.683	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	392080	47.209	ug/l	99
89) n-Butylbenzene	14.059	91	654819	52.372	ug/l	99
90) Hexachloroethane	14.335	117	143870	52.924	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	396412	45.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44738	48.326	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	177302	42.395	ug/l	98
94) Hexachlorobutadiene	15.505	225	97534	42.261	ug/l	98
95) Naphthalene	15.641	128	511914	41.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	172107	43.129	ug/l	98

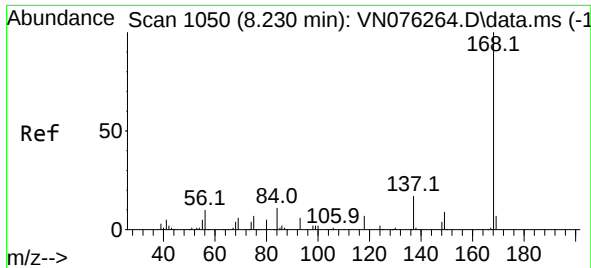
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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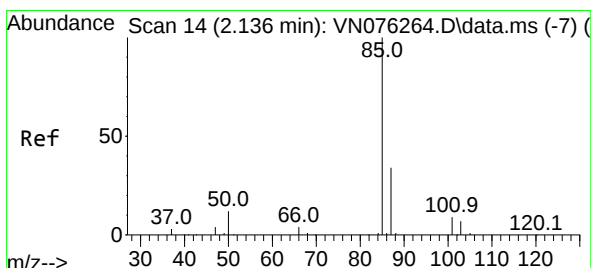
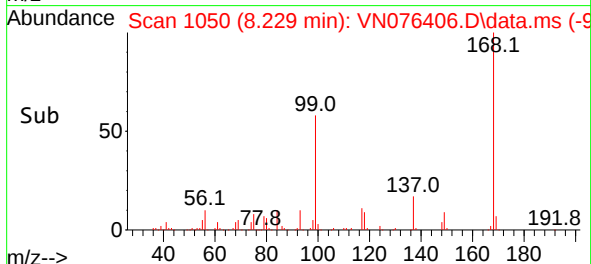
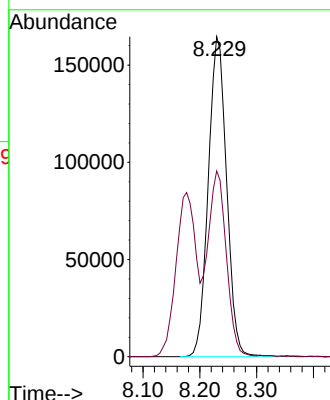
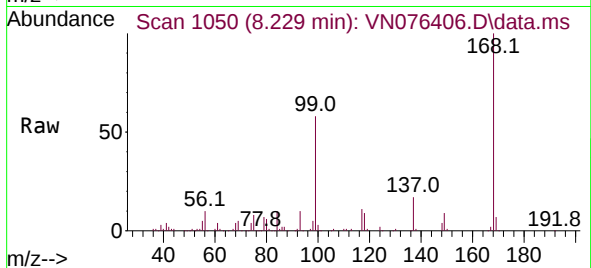
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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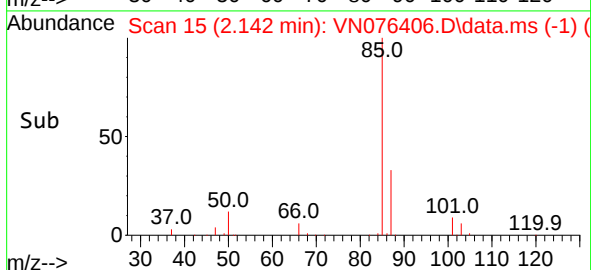
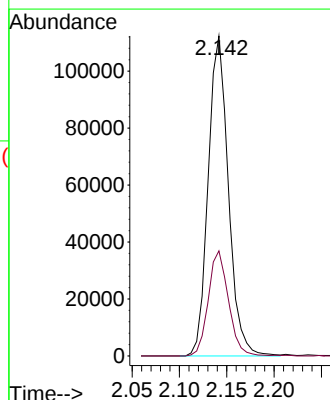
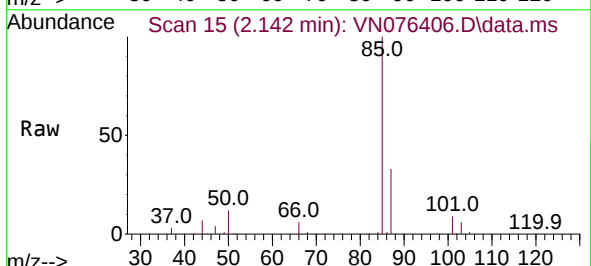
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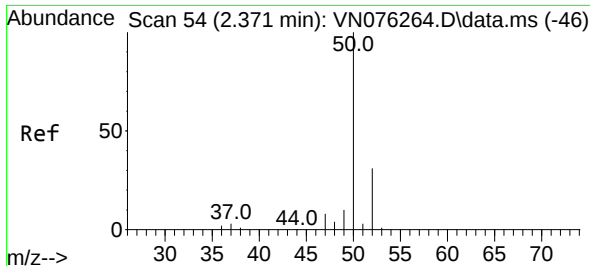
Tgt Ion:168 Resp: 367554
Ion Ratio Lower Upper
168 100
99 57.8 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 44.161 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 85 Resp: 166334
Ion Ratio Lower Upper
85 100
87 32.8 17.1 51.2

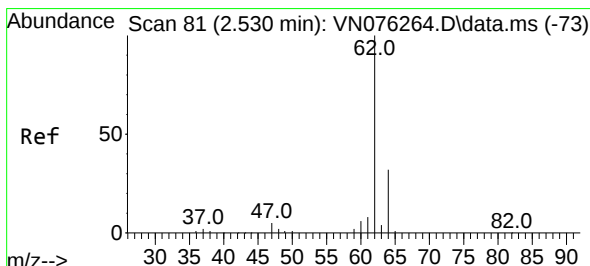
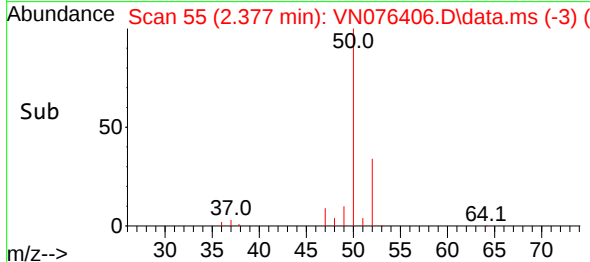
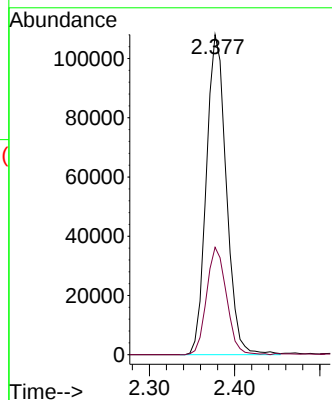
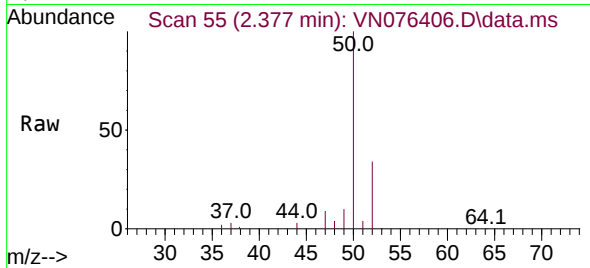




#3
Chloromethane
Concen: 45.163 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

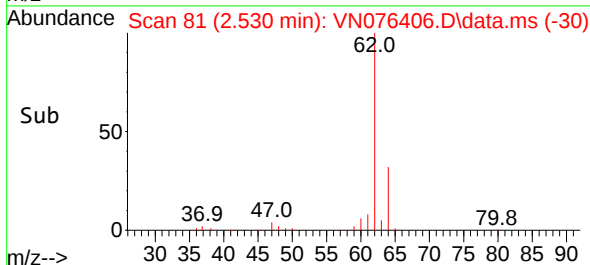
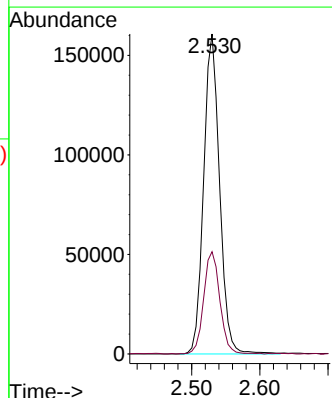
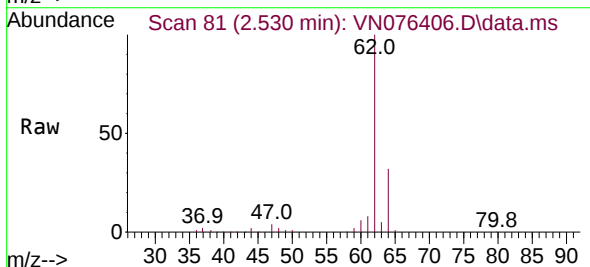
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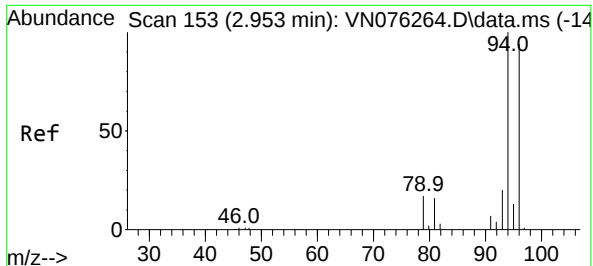
Tgt Ion: 50 Resp: 176126
Ion Ratio Lower Upper
50 100
52 33.6 24.8 37.2



#4
Vinyl Chloride
Concen: 54.647 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 62 Resp: 261311
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

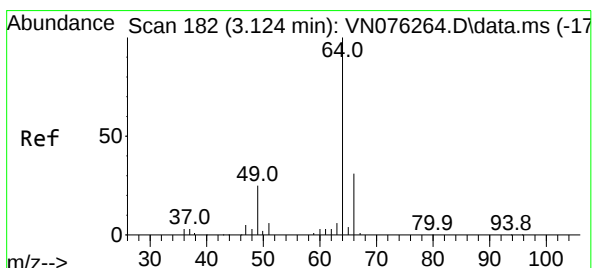
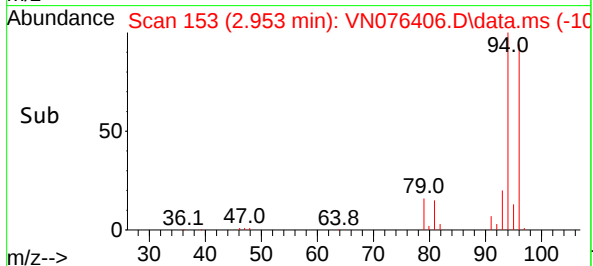
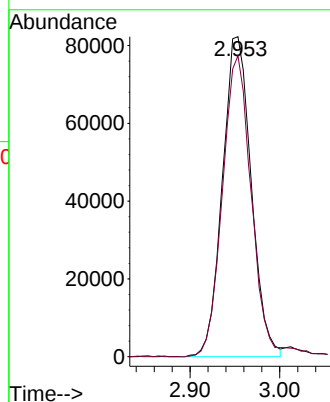
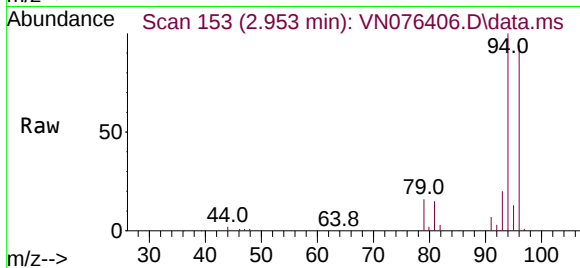




#5
Bromomethane
Concen: 46.786 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

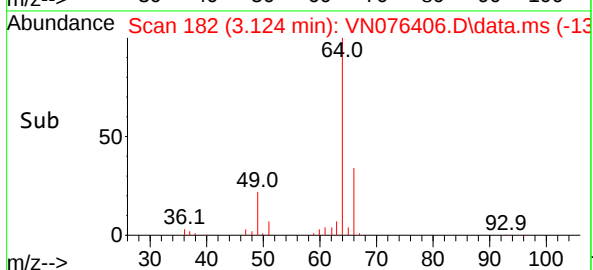
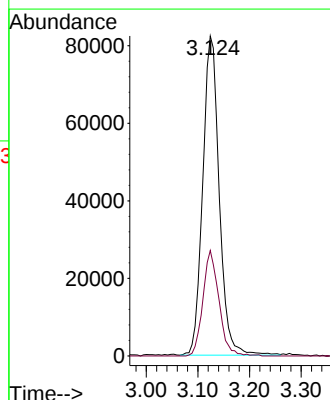
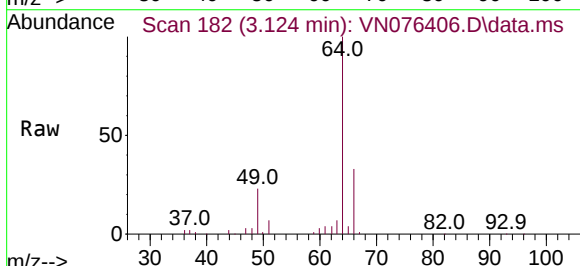
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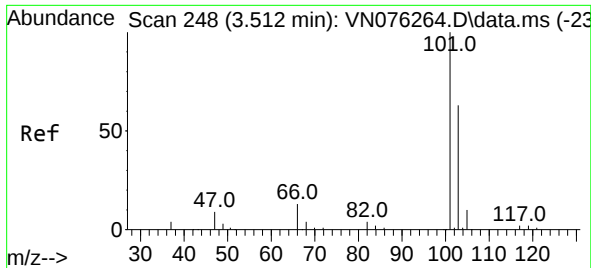
Tgt Ion: 94 Resp: 183211
Ion Ratio Lower Upper
94 100
96 94.1 75.1 112.7



#6
Chloroethane
Concen: 50.971 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 64 Resp: 182763
Ion Ratio Lower Upper
64 100
66 33.0 24.8 37.2

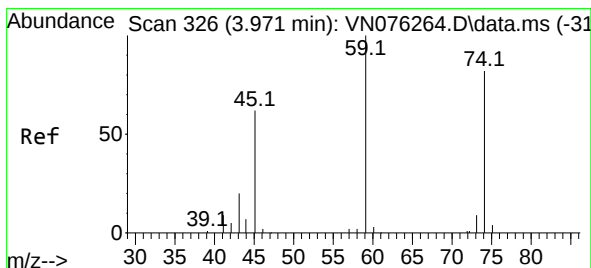
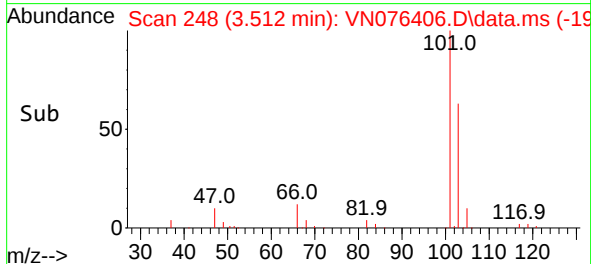
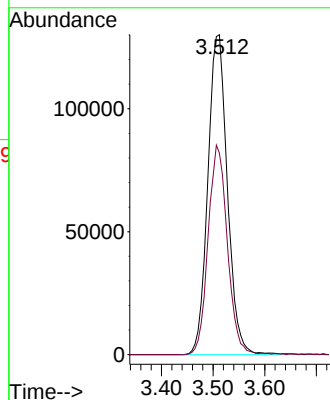
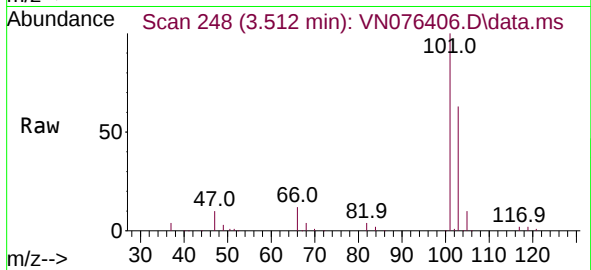




#7
 Trichlorofluoromethane
 Concen: 51.981 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

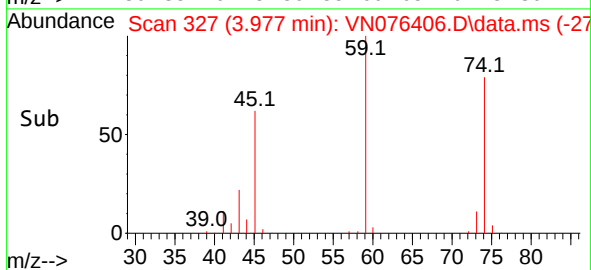
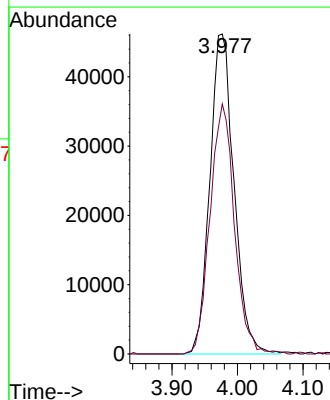
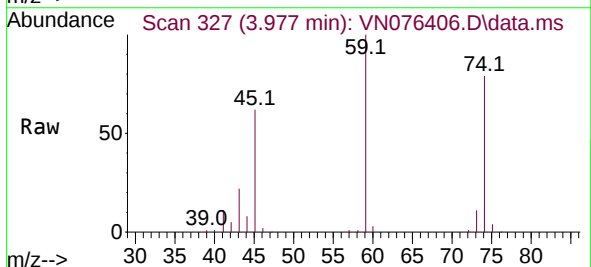
Instrument :
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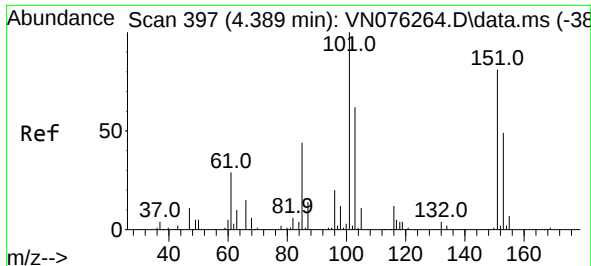
Tgt Ion:101 Resp: 341965
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.2 75.4



#8
 Diethyl Ether
 Concen: 53.621 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

Tgt Ion: 74 Resp: 118317
 Ion Ratio Lower Upper
 74 100
 45 78.9 37.8 113.3

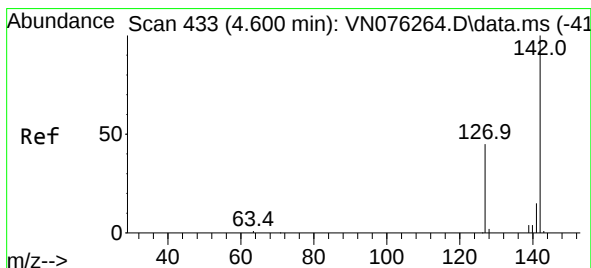
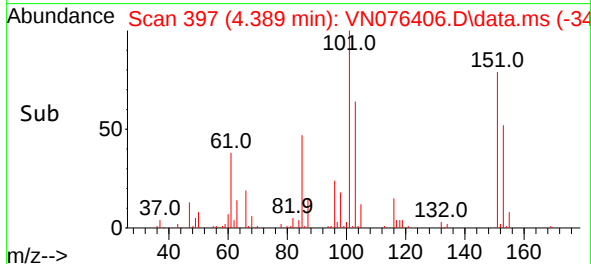
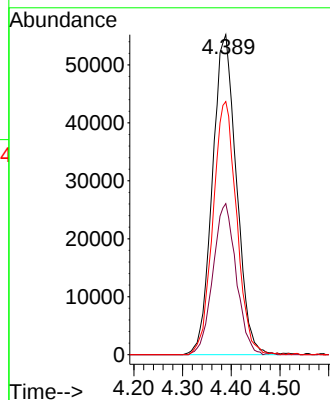
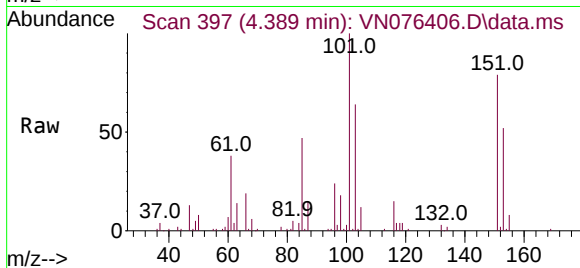




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.773 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

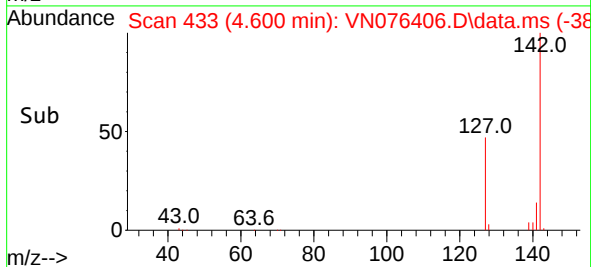
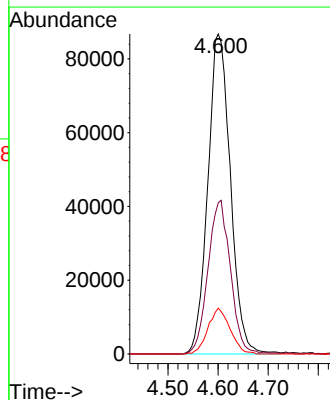
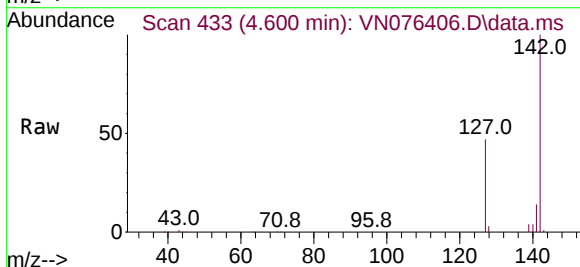
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

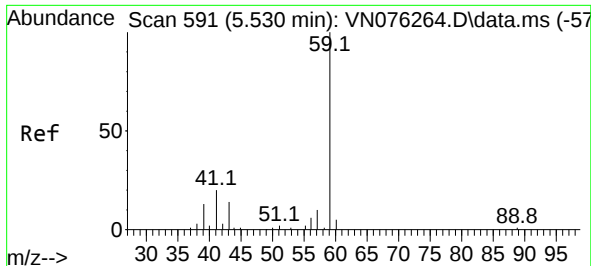
Tgt Ion:101 Resp: 189090
Ion Ratio Lower Upper
101 100
85 45.7 35.5 53.3
151 77.9 65.5 98.3



#10
Methyl Iodide
Concen: 47.747 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:142 Resp: 271615
Ion Ratio Lower Upper
142 100
127 47.8 35.0 52.4
141 14.0 11.5 17.3

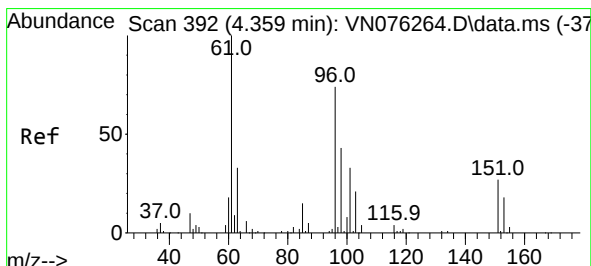
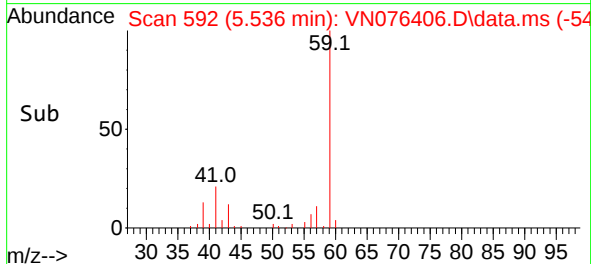
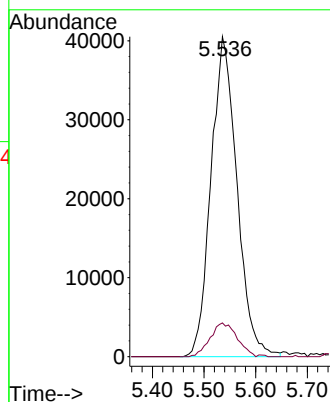
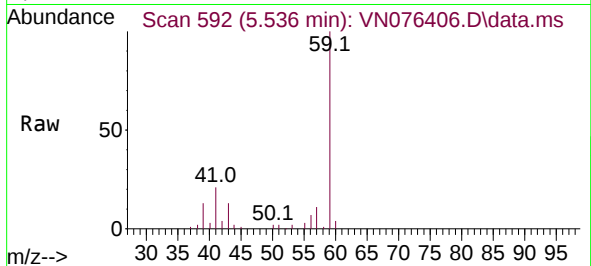




#11
Tert butyl alcohol
Concen: 256.704 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

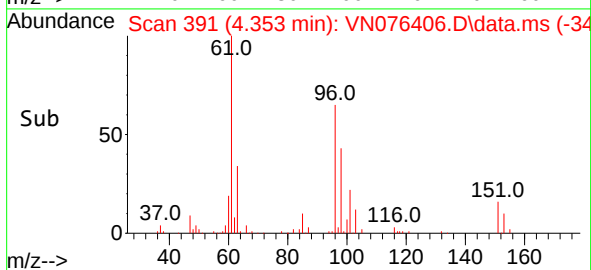
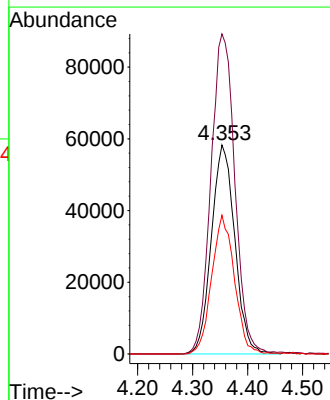
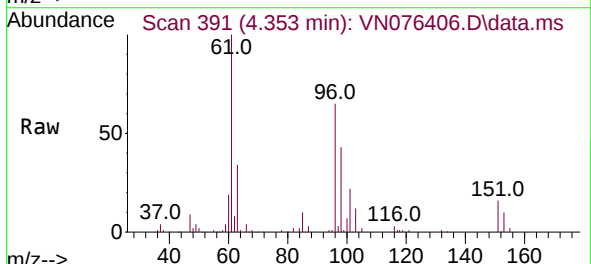
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

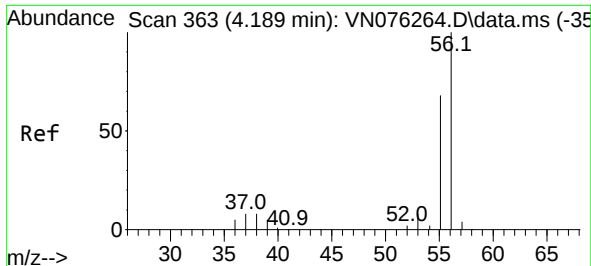
Tgt Ion: 59 Resp: 141307
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.082 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 96 Resp: 172792
Ion Ratio Lower Upper
96 100
61 153.1 108.2 162.4
98 66.4 47.0 70.6

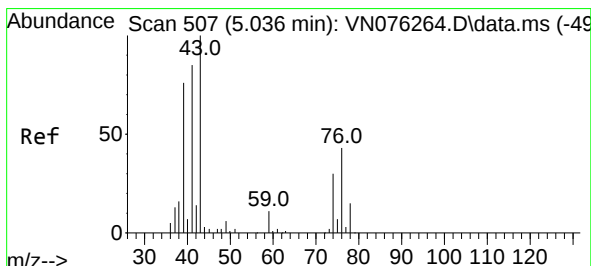
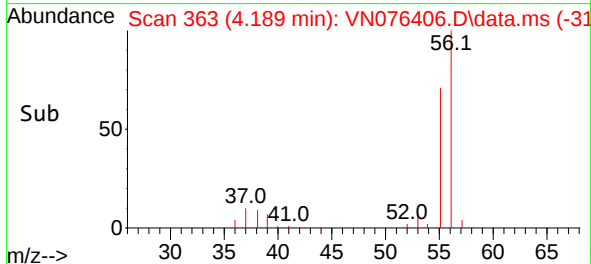
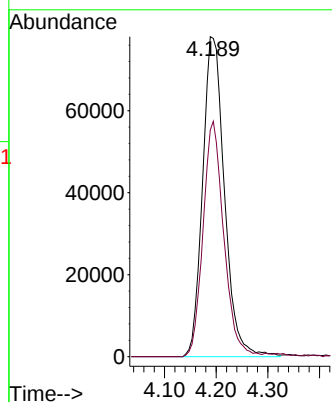
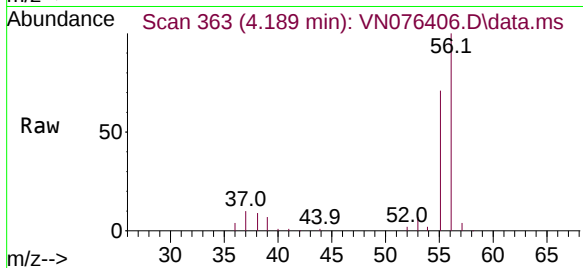




#13
Acrolein
Concen: 348.107 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

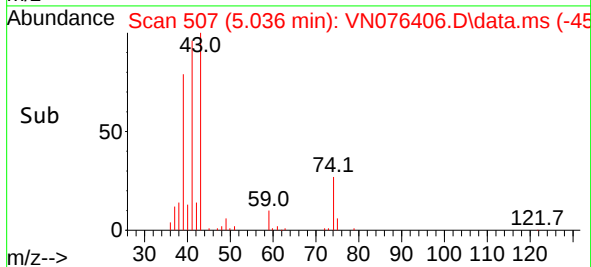
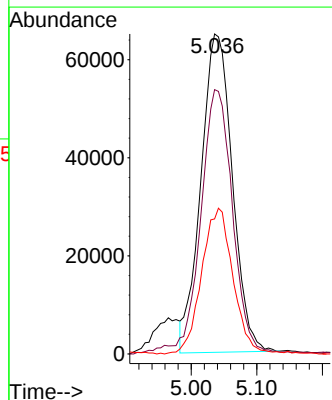
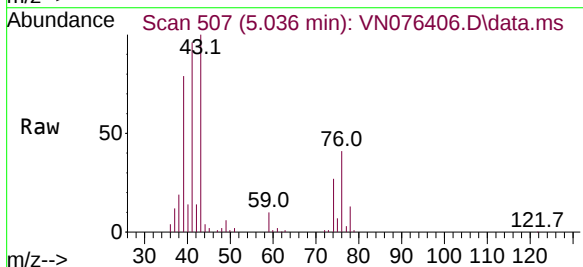
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

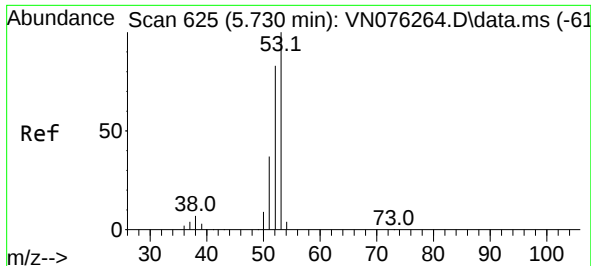
Tgt Ion: 56 Resp: 229161
Ion Ratio Lower Upper
56 100
55 69.6 55.8 83.6



#14
Allyl chloride
Concen: 52.793 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 41 Resp: 216590
Ion Ratio Lower Upper
41 100
39 84.7 67.4 101.0
76 45.6 39.8 59.8

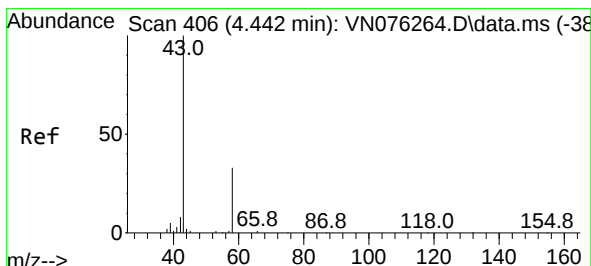
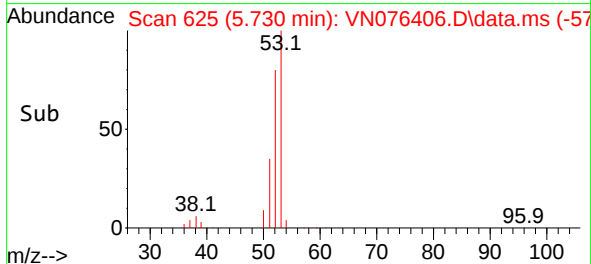
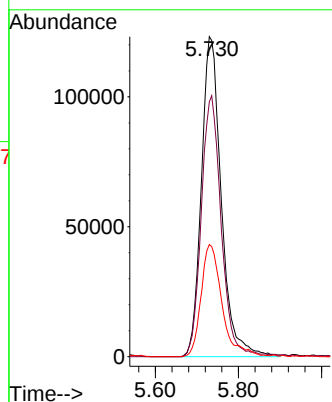
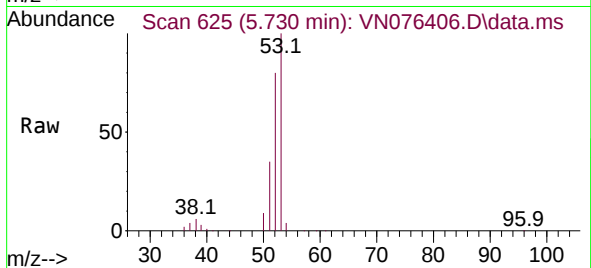




#15
Acrylonitrile
Concen: 262.125 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

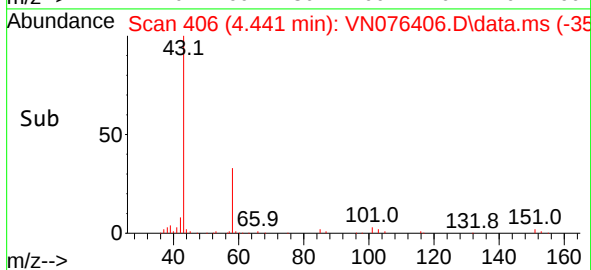
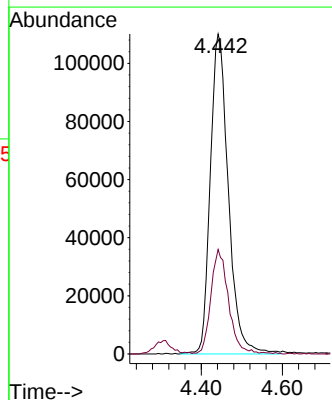
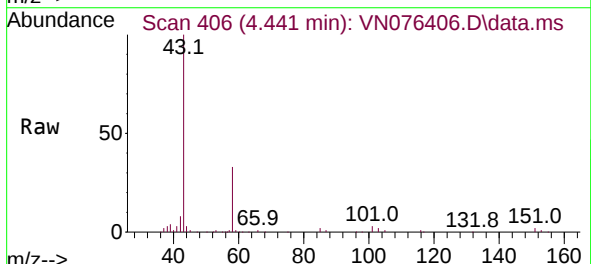
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

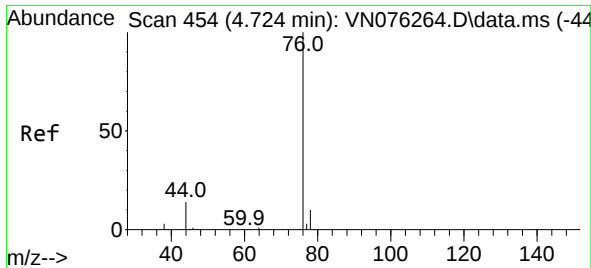
Tgt Ion: 53 Resp: 410608
Ion Ratio Lower Upper
53 100
52 81.8 64.7 97.1
51 36.8 29.2 43.8



#16
Acetone
Concen: 257.072 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 43 Resp: 339149
Ion Ratio Lower Upper
43 100
58 32.5 26.7 40.1

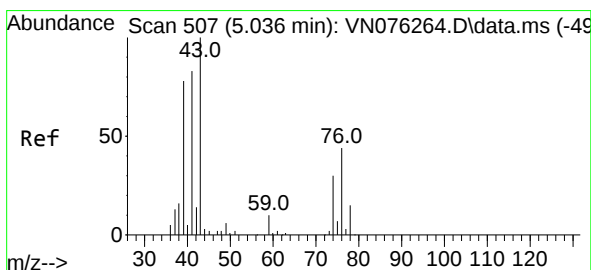
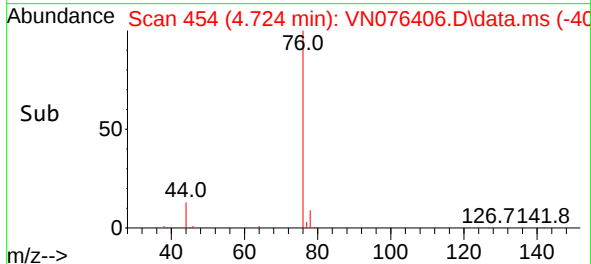
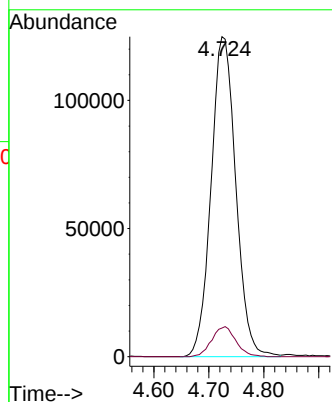
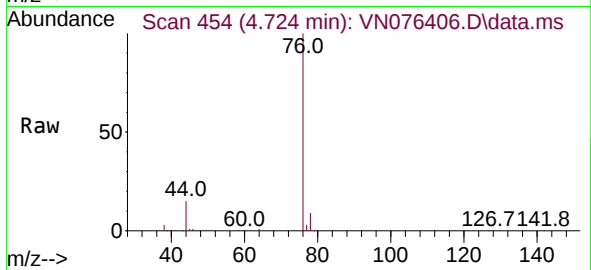




#17
Carbon Disulfide
Concen: 44.528 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

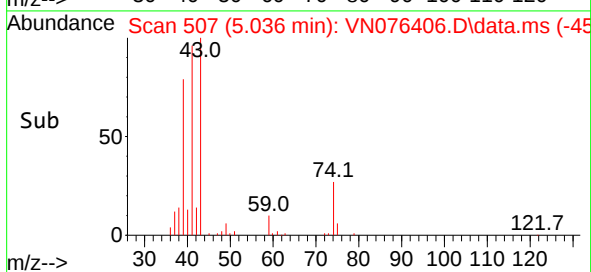
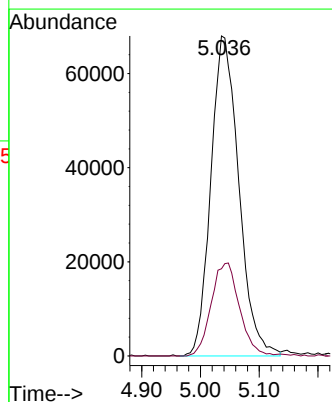
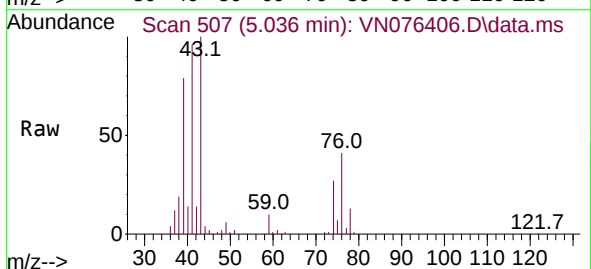
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

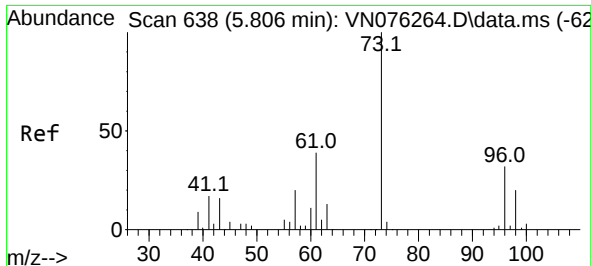
Tgt Ion: 76 Resp: 390324
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0



#18
Methyl Acetate
Concen: 50.221 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 43 Resp: 224541
Ion Ratio Lower Upper
43 100
74 29.3 23.3 34.9

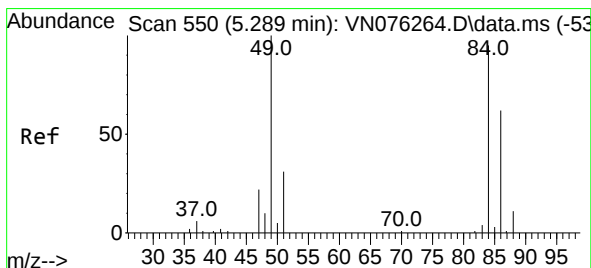
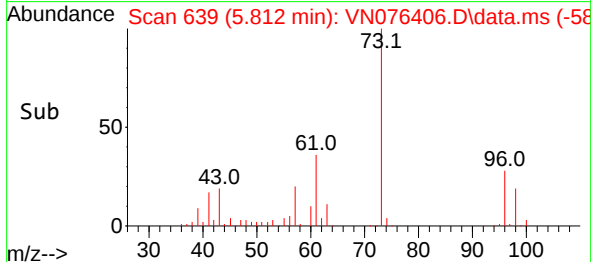
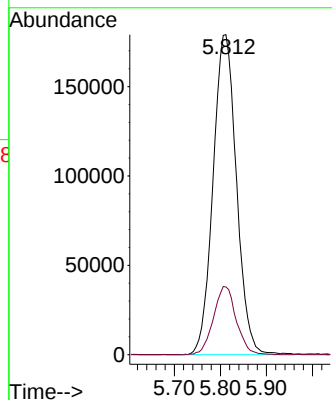
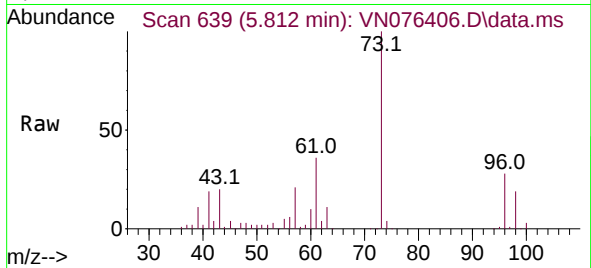




#19
Methyl tert-butyl Ether
Concen: 55.063 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

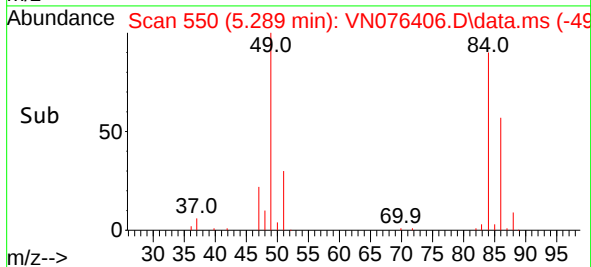
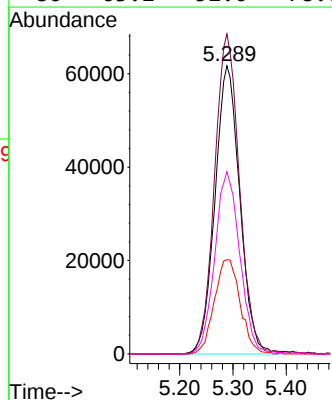
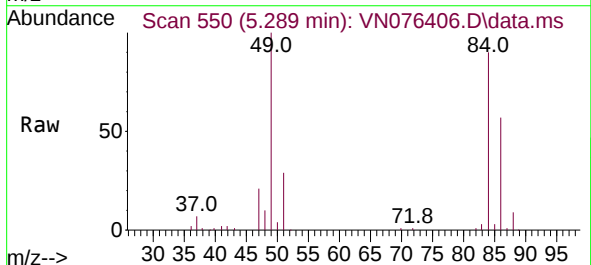
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

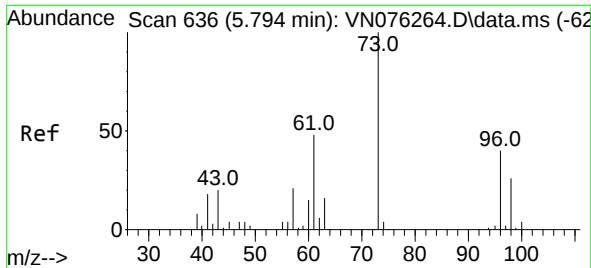
Tgt Ion: 73 Resp: 631075
Ion Ratio Lower Upper
73 100
57 21.1 15.9 23.9



#20
Methylene Chloride
Concen: 51.220 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 84 Resp: 199895
Ion Ratio Lower Upper
84 100
49 111.0 84.5 126.7
51 32.7 26.0 39.0
86 63.2 52.0 78.0

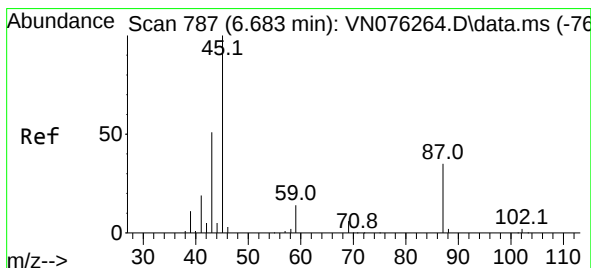
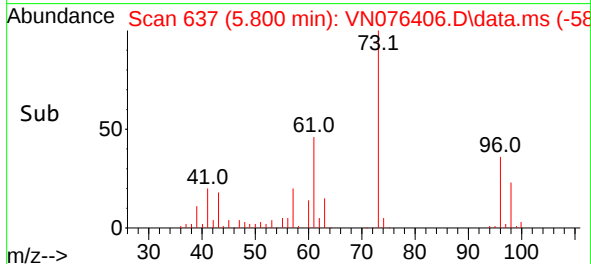
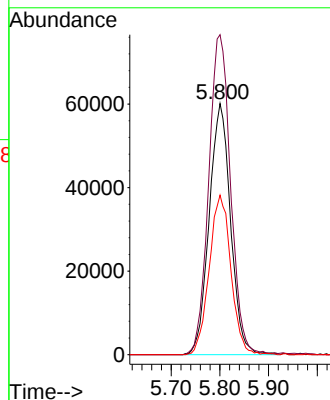
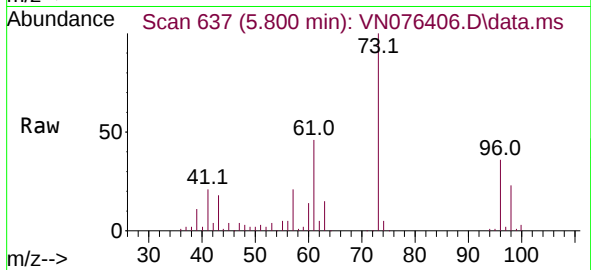




#21
trans-1,2-Dichloroethene
Concen: 48.142 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

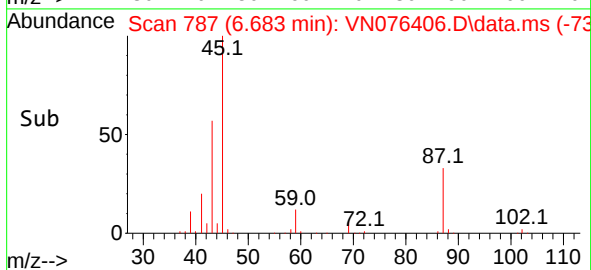
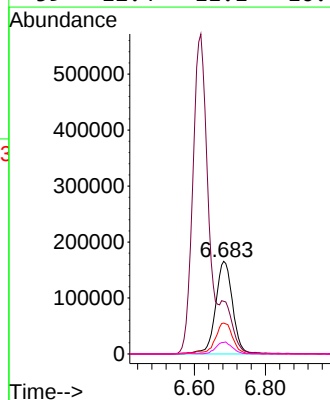
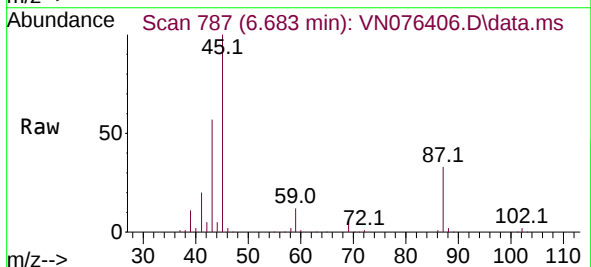
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

Tgt Ion: 96 Resp: 183609
Ion Ratio Lower Upper
96 100
61 127.4 97.0 145.4
98 63.5 51.9 77.9



#22
Diisopropyl ether
Concen: 56.691 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 45 Resp: 548486
Ion Ratio Lower Upper
45 100
43 56.1 44.4 66.6
87 33.2 28.4 42.6
59 12.4 11.1 16.7

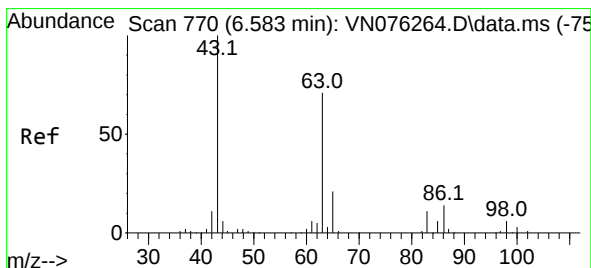
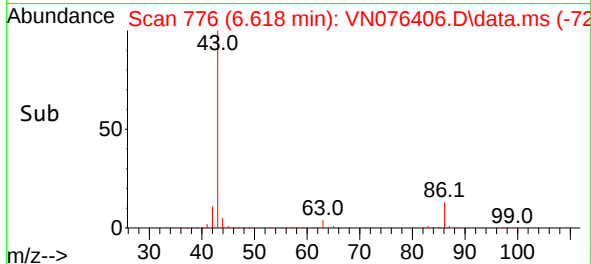
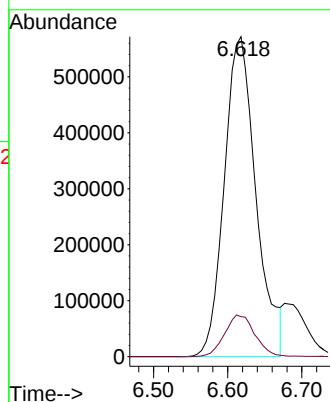
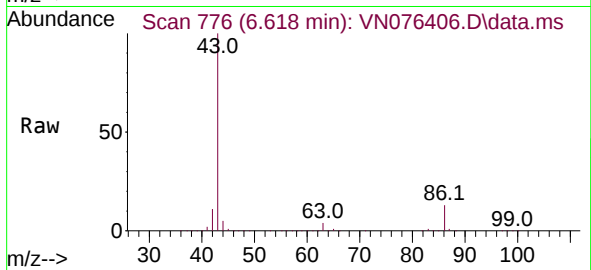




#23
 Vinyl Acetate
 Concen: 271.941 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

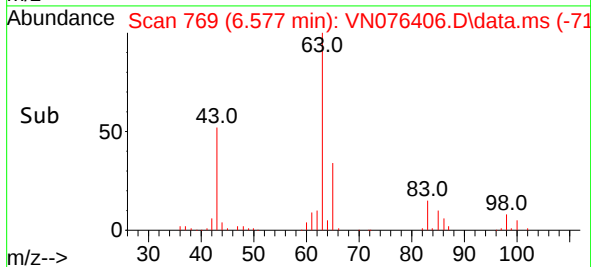
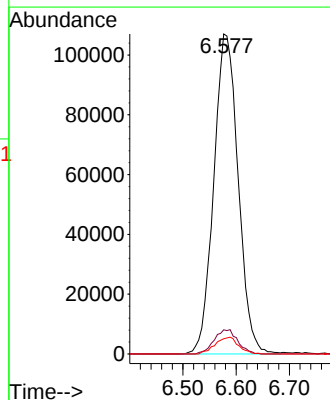
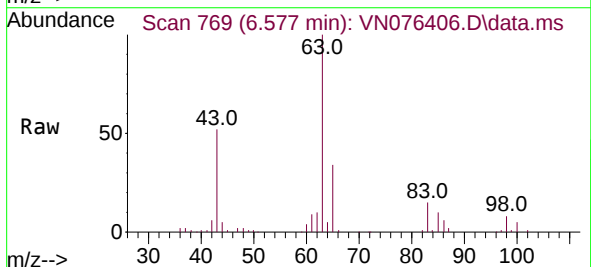
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MS

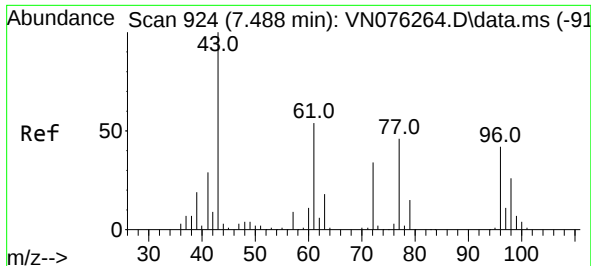
Tgt Ion: 43 Resp: 1700413
 Ion Ratio Lower Upper
 43 100
 86 12.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 52.802 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

Tgt Ion: 63 Resp: 340528
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.8 2.2 6.6

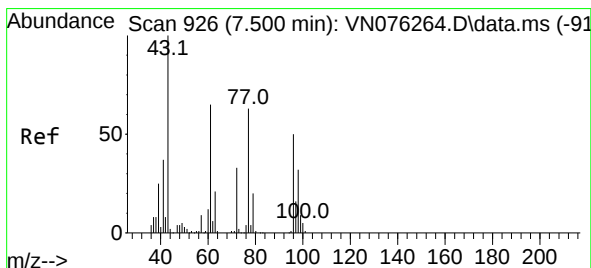
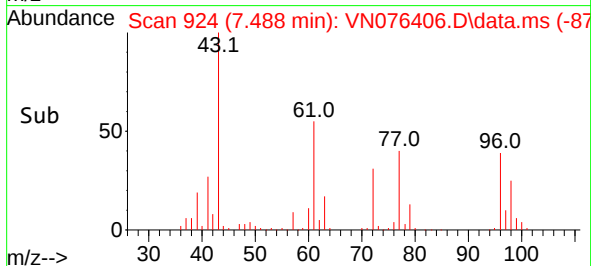
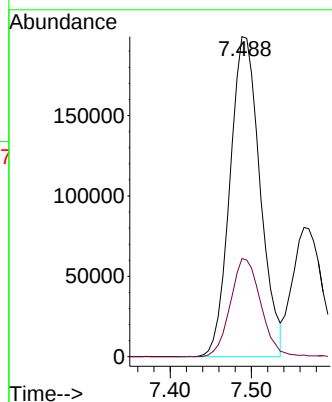
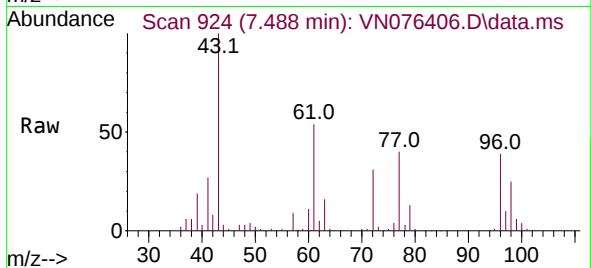




#25
2-Butanone
Concen: 254.856 ug/l
RT: 7.488 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

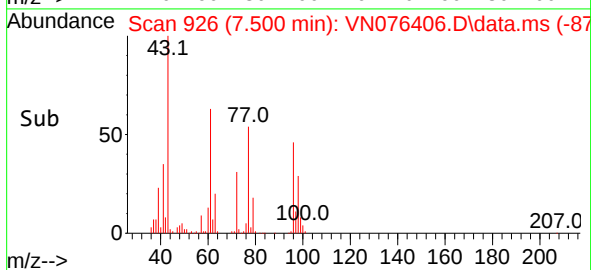
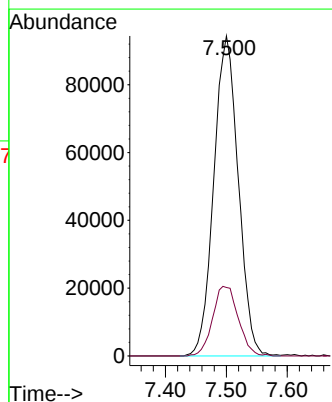
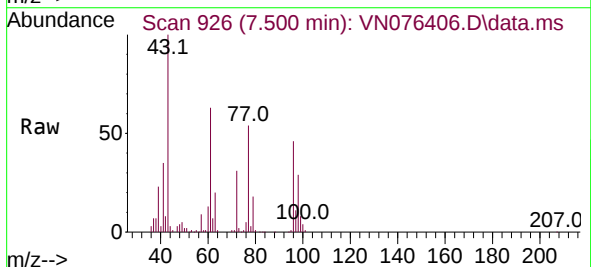
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

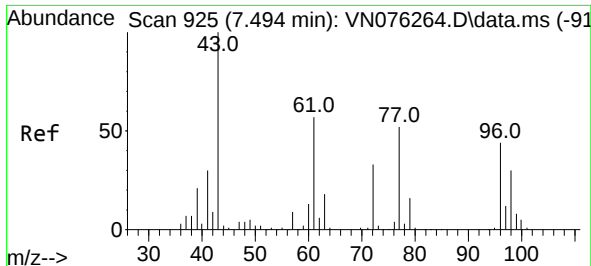
Tgt Ion: 43 Resp: 513521
Ion Ratio Lower Upper
43 100
72 30.7 27.4 41.2



#26
2,2-Dichloropropane
Concen: 48.484 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 77 Resp: 263533
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4



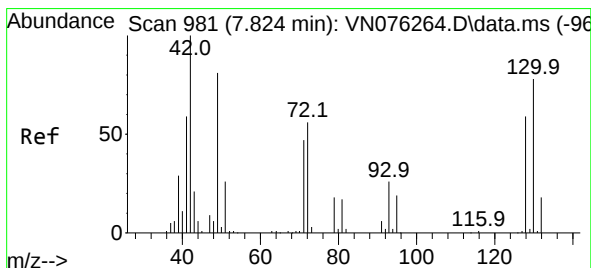
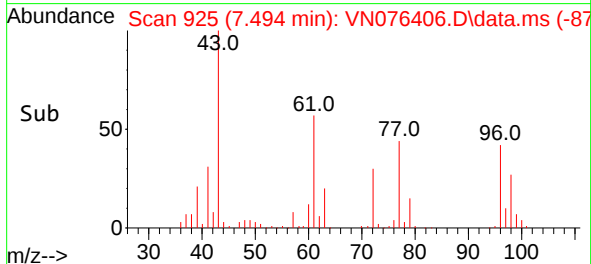
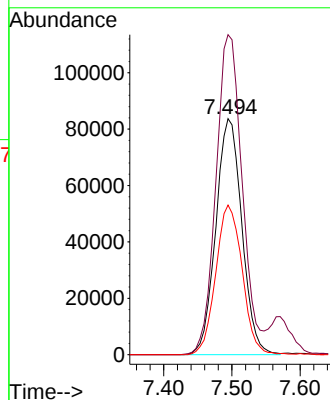
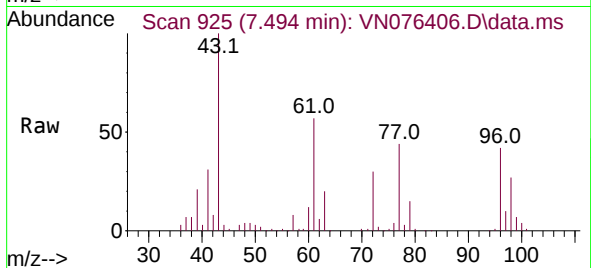


#27
 cis-1,2-Dichloroethene
 Concen: 50.118 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MS

Tgt Ion: 96 Resp: 222937

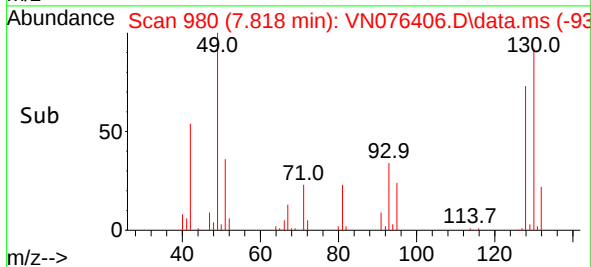
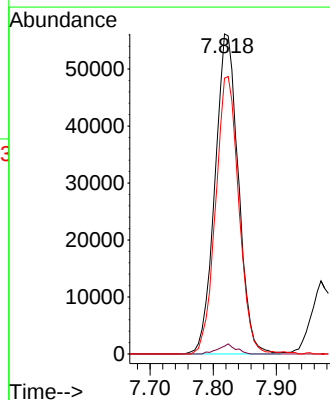
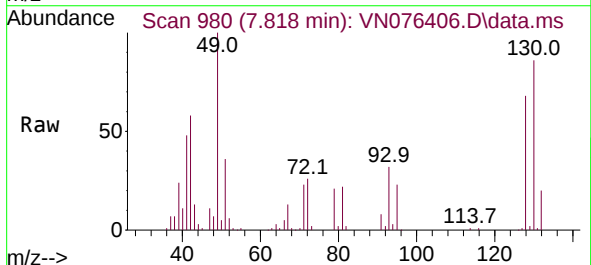
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	259.6
98	64.3	0.0	129.4

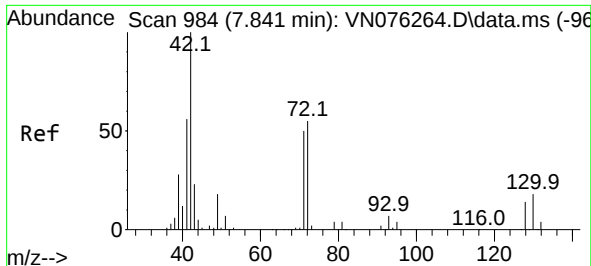


#28
 Bromochloromethane
 Concen: 55.311 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

Tgt Ion: 49 Resp: 144582

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	85.6	76.0	114.0





#29

Tetrahydrofuran

Concen: 271.138 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

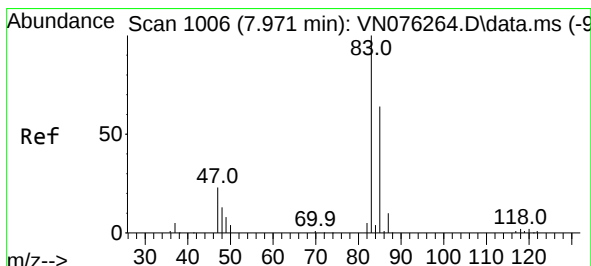
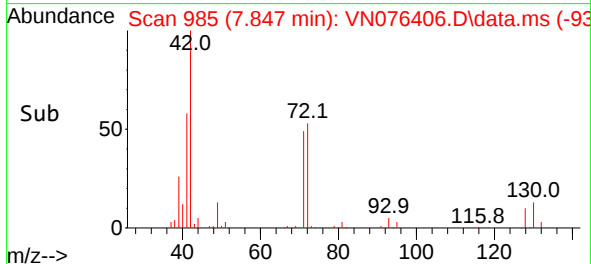
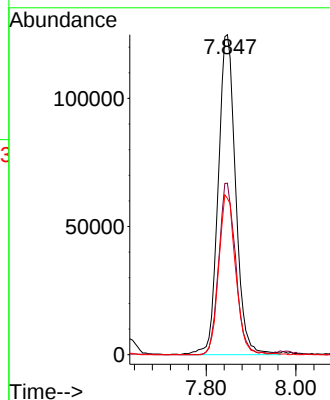
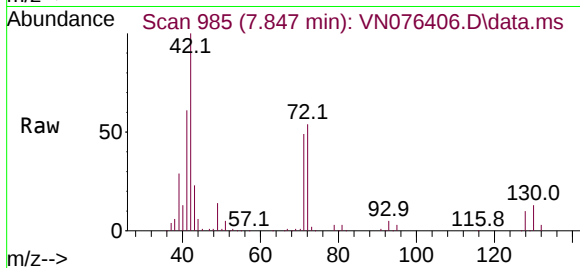
Tgt Ion: 42 Resp: 337186

Ion Ratio Lower Upper

42 100

72 51.6 44.0 66.0

71 48.6 41.1 61.7



#30

Chloroform

Concen: 52.795 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076406.D

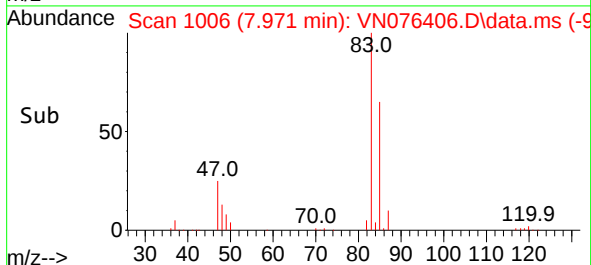
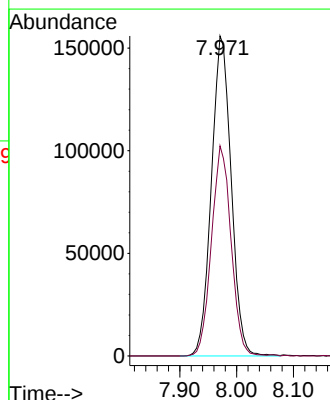
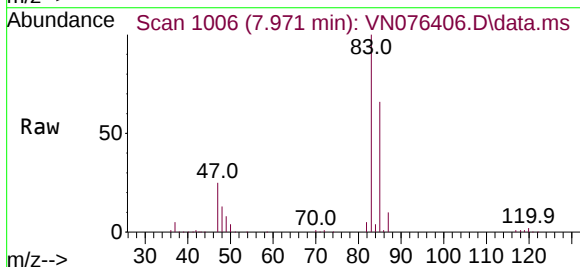
Acq: 25 Jan 2023 16:58

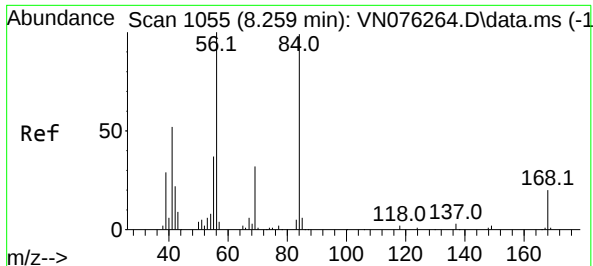
Tgt Ion: 83 Resp: 376740

Ion Ratio Lower Upper

83 100

85 65.7 51.0 76.6

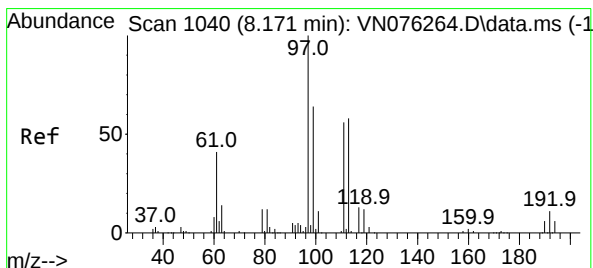
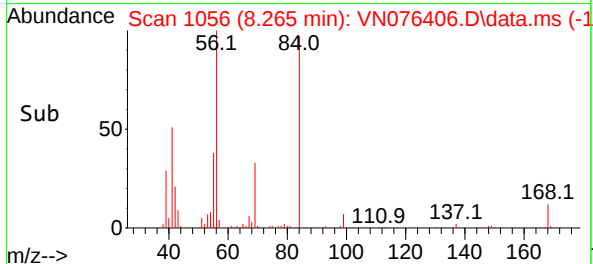
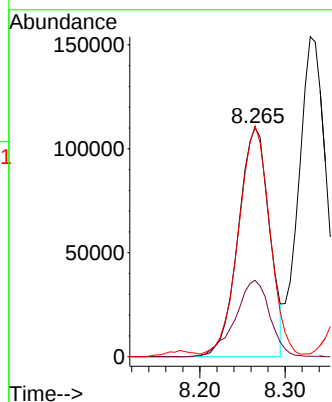
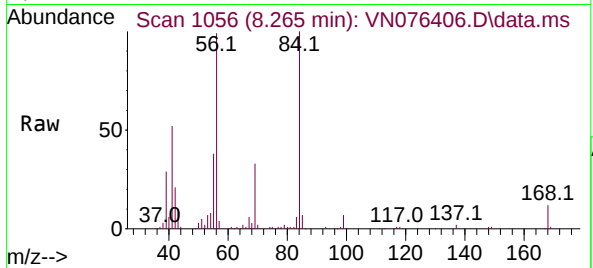




#31
Cyclohexane
Concen: 44.177 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

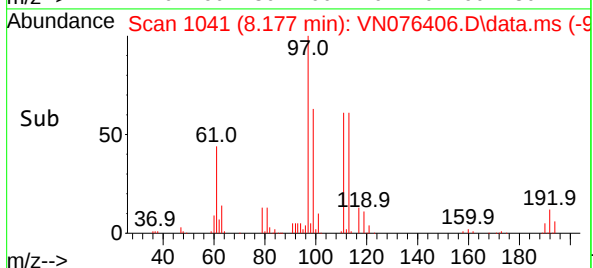
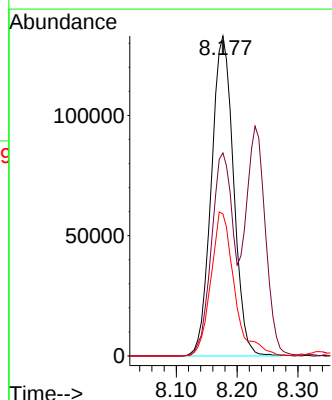
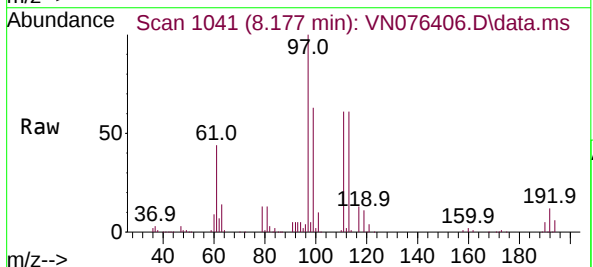
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

Tgt Ion: 56 Resp: 279284
Ion Ratio Lower Upper
56 100
69 33.3 25.8 38.8
84 98.0 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 51.682 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 97 Resp: 336715
Ion Ratio Lower Upper
97 100
99 61.5 55.0 82.4
61 47.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.608 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

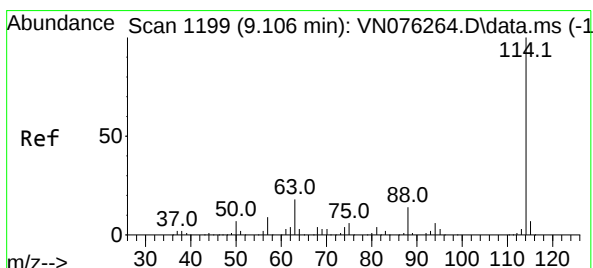
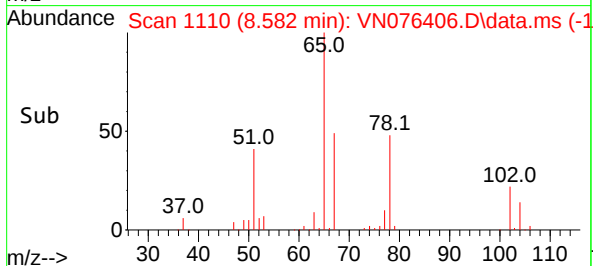
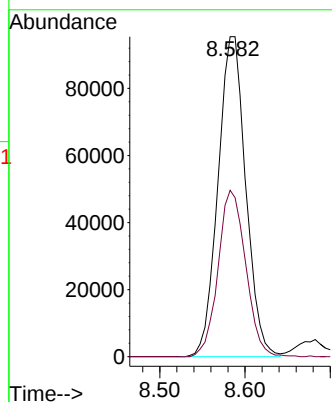
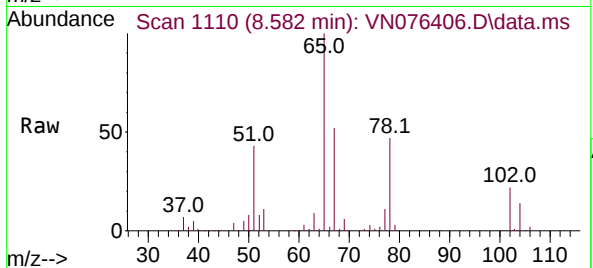
BP-VPB-RW10-GW-338-340MS

Tgt Ion: 65 Resp: 216506

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

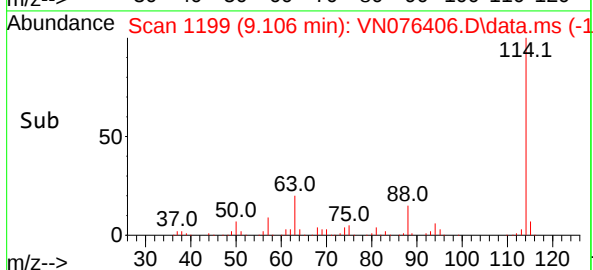
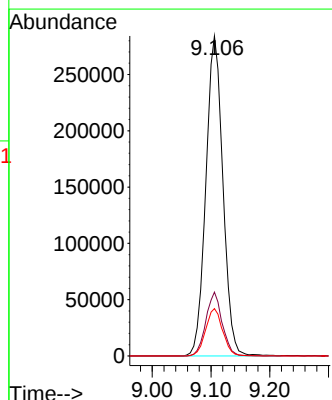
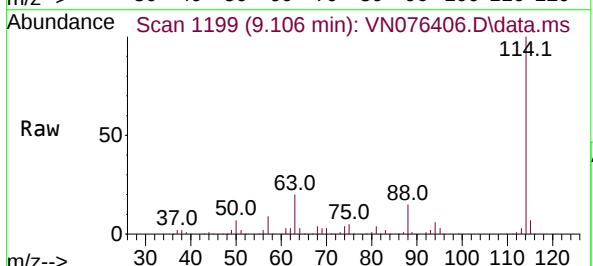
Tgt Ion: 114 Resp: 572675

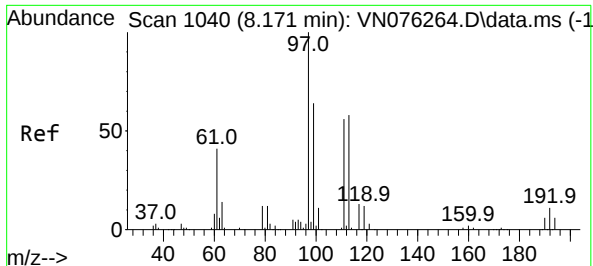
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.8

88 14.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 55.655 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076406.D

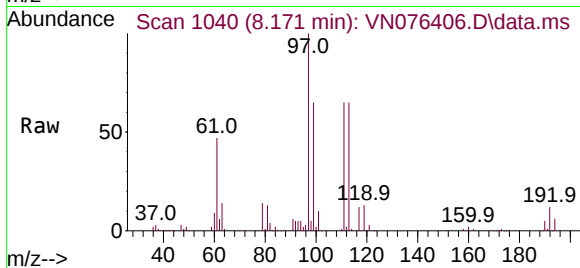
Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS



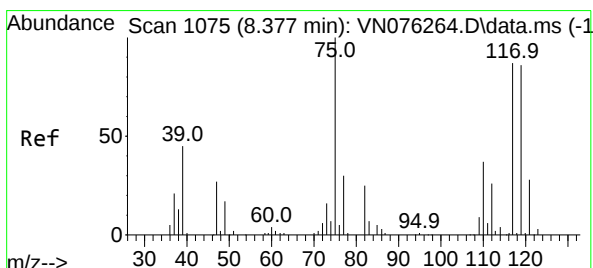
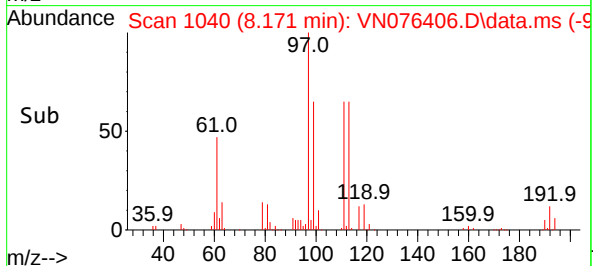
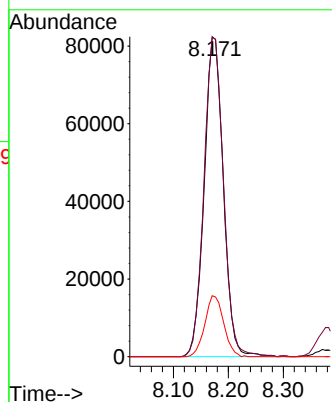
Tgt Ion:113 Resp: 199375

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

192 18.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 50.073 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

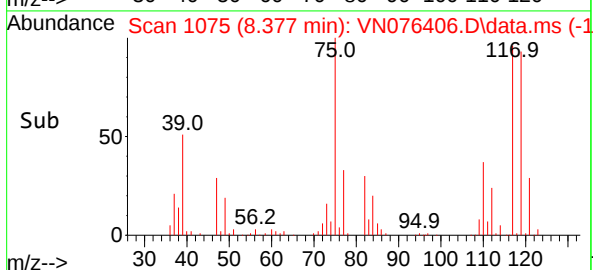
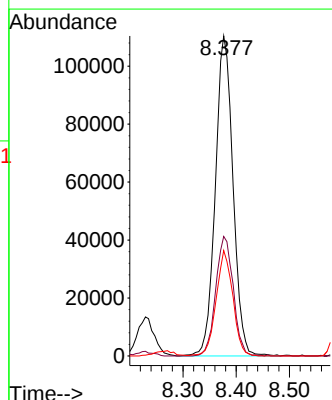
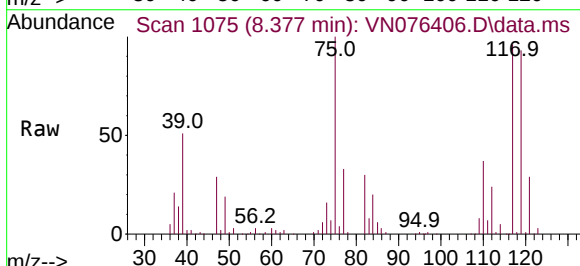
Tgt Ion: 75 Resp: 254891

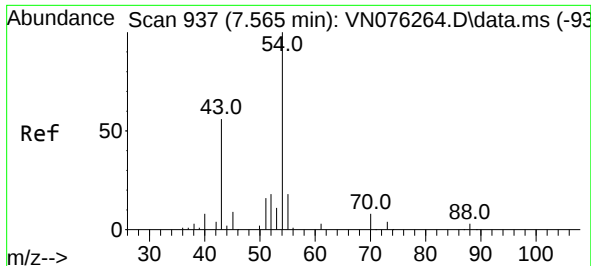
Ion Ratio Lower Upper

75 100

110 37.0 18.8 56.3

77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 51.594 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

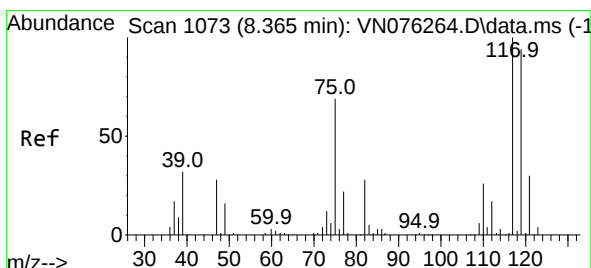
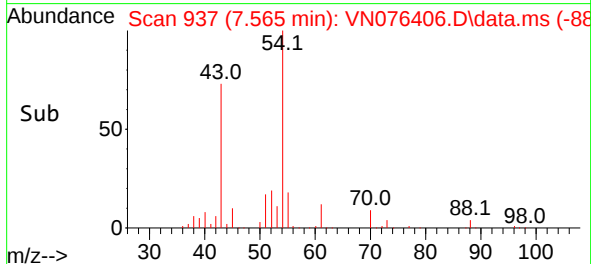
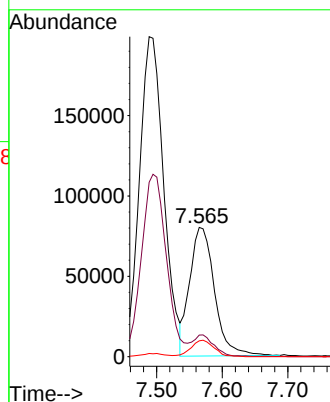
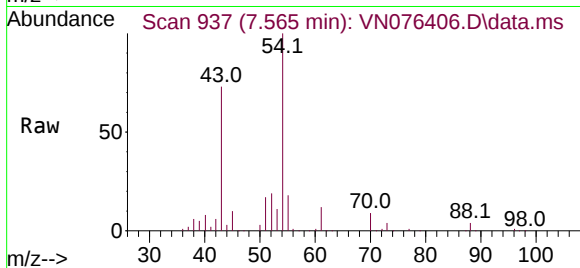
Tgt Ion: 43 Resp: 210660

Ion Ratio Lower Upper

43 100

61 14.1 11.1 16.7

70 11.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 51.586 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

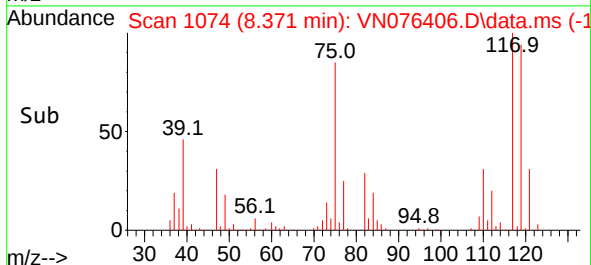
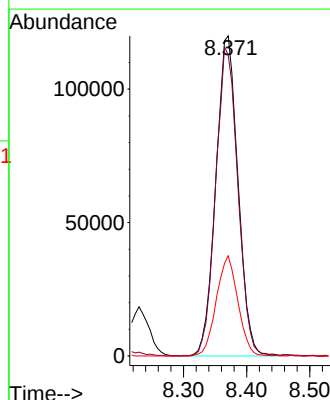
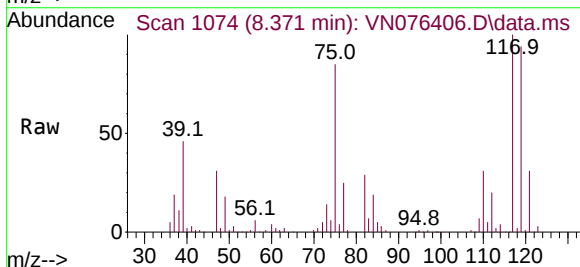
Tgt Ion: 117 Resp: 292835

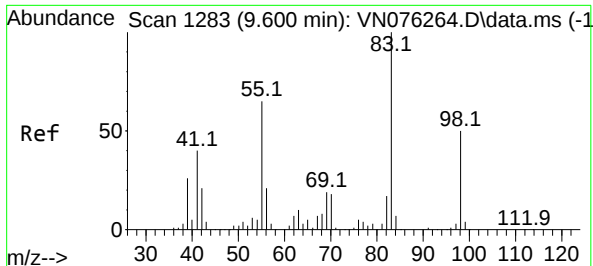
Ion Ratio Lower Upper

117 100

119 94.1 75.4 113.0

121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 48.262 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

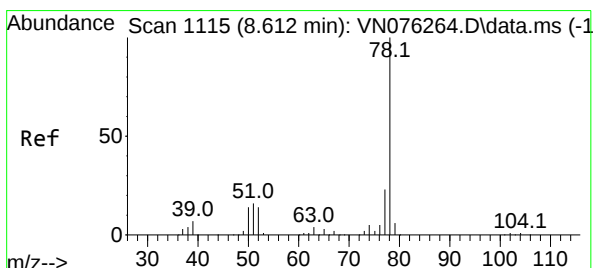
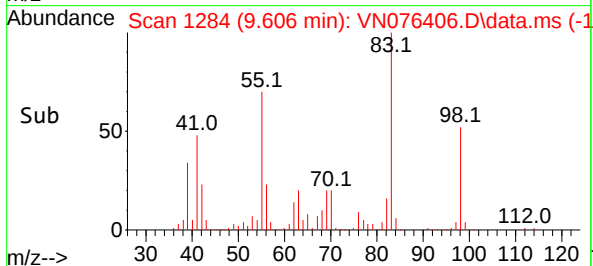
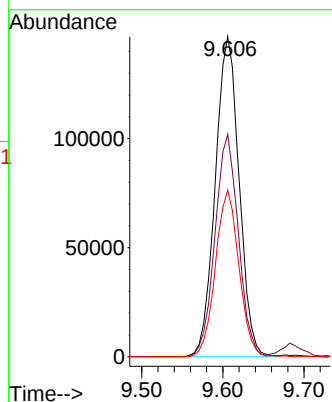
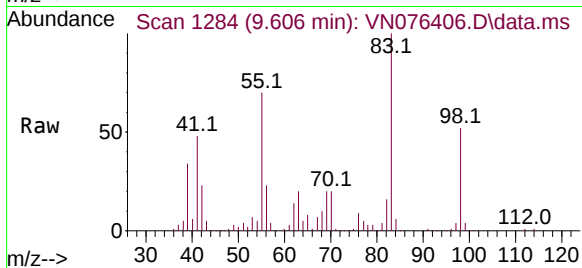
Tgt Ion: 83 Resp: 300010

Ion Ratio Lower Upper

83 100

55 69.5 51.7 77.5

98 52.0 40.0 60.0



#40

Benzene

Concen: 48.552 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076406.D

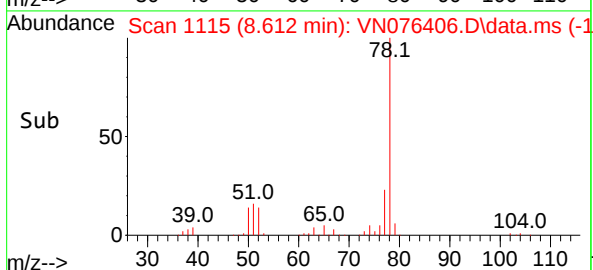
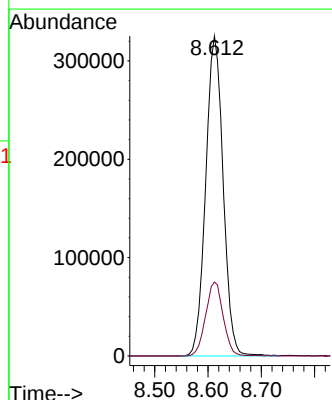
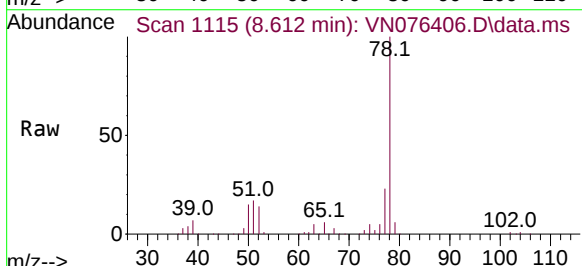
Acq: 25 Jan 2023 16:58

Tgt Ion: 78 Resp: 739010

Ion Ratio Lower Upper

78 100

77 23.1 18.6 28.0



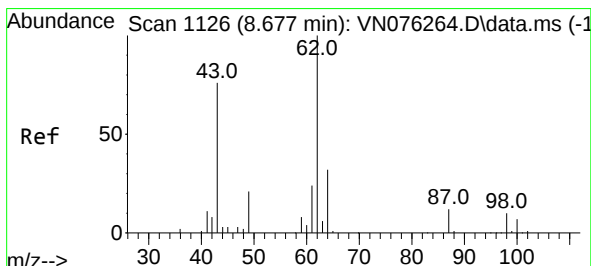
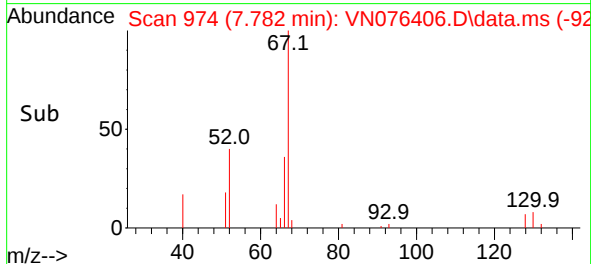
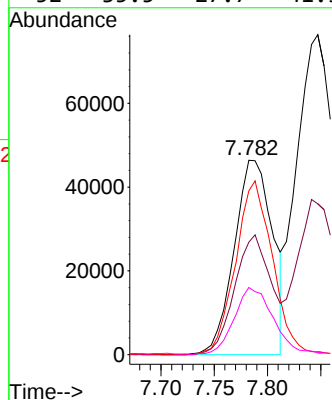
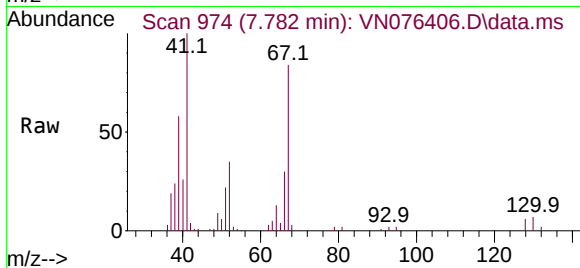


#41
Methacrylonitrile
Concen: 54.451 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

Tgt Ion: 41 Resp: 116407

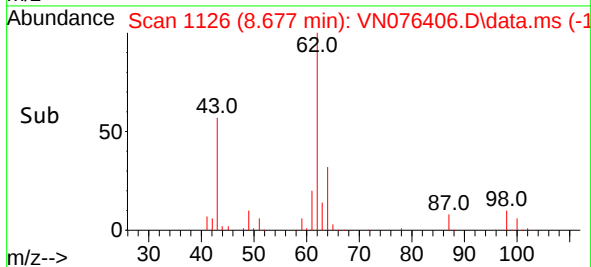
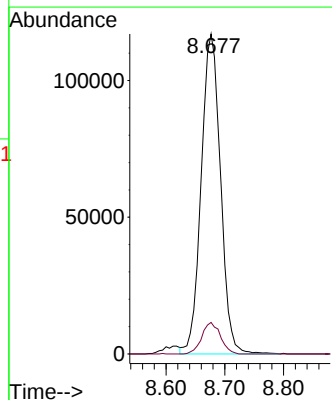
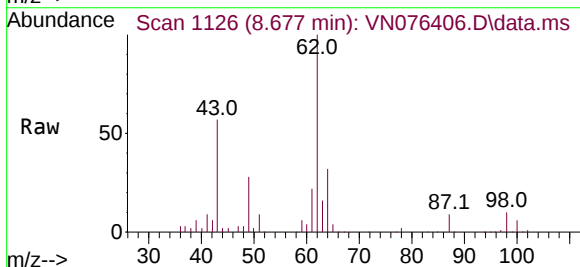
Ion	Ratio	Lower	Upper
41	100		
39	58.5	42.4	63.6
67	86.9	68.8	103.2
52	35.5	27.7	41.5

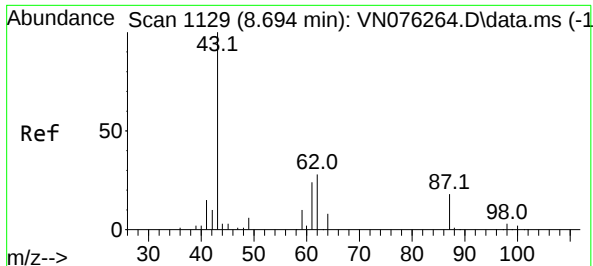


#42
1,2-Dichloroethane
Concen: 51.287 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 62 Resp: 267096

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.4

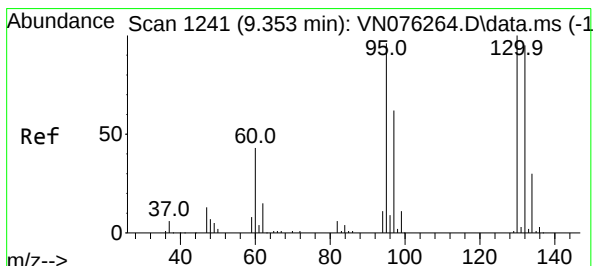
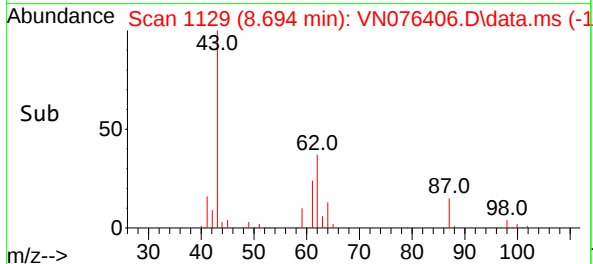
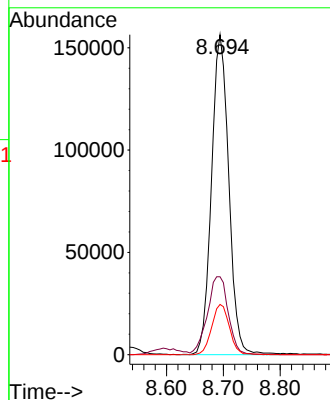
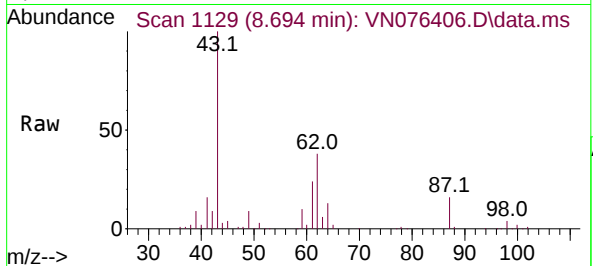




#43
Isopropyl Acetate
Concen: 49.665 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

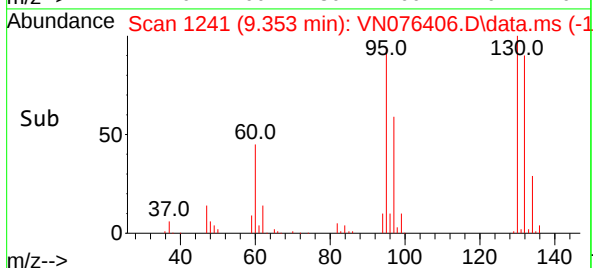
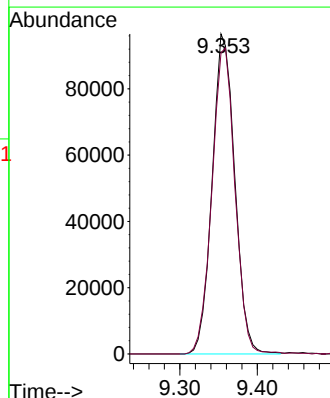
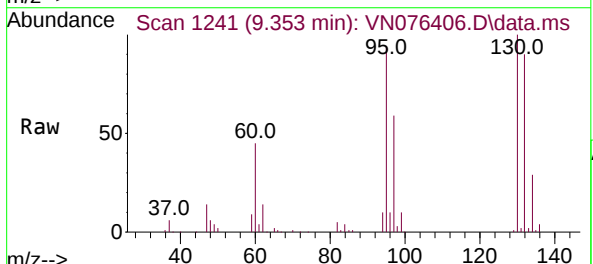
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

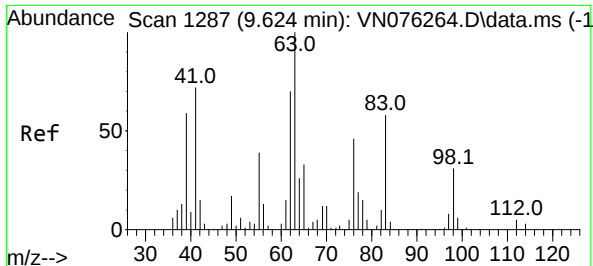
Tgt Ion: 43 Resp: 329886
Ion Ratio Lower Upper
43 100
61 29.4 23.5 35.3
87 16.0 13.8 20.6



#44
Trichloroethene
Concen: 45.496 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:130 Resp: 195860
Ion Ratio Lower Upper
130 100
95 94.1 0.0 192.0





#45

1,2-Dichloropropane

Concen: 49.463 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

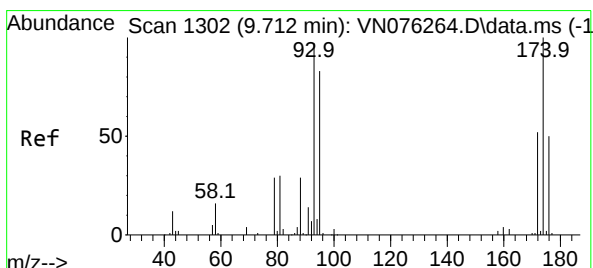
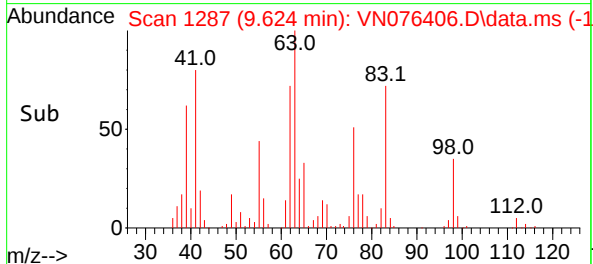
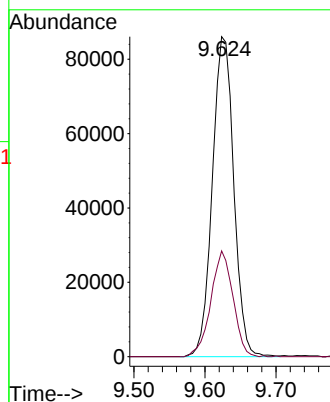
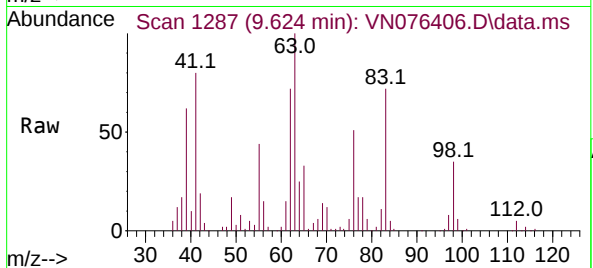
BP-VPB-RW10-GW-338-340MS

Tgt Ion: 63 Resp: 180257

Ion Ratio Lower Upper

63 100

65 33.1 26.4 39.6



#46

Dibromomethane

Concen: 48.280 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

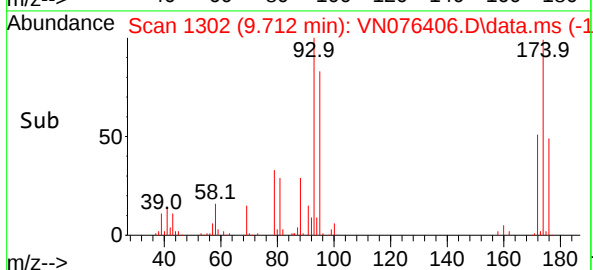
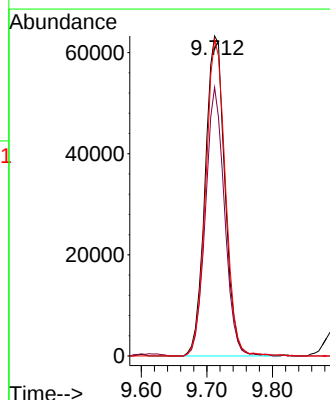
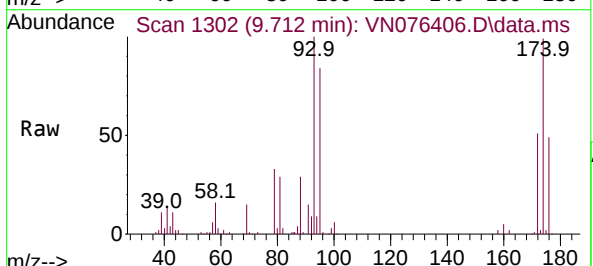
Tgt Ion: 93 Resp: 132840

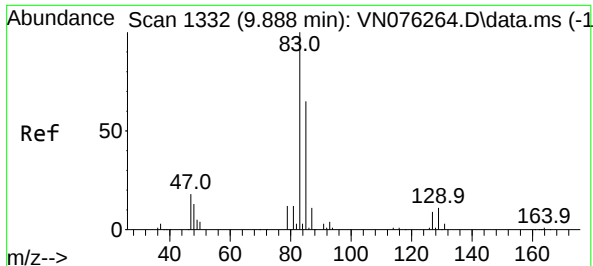
Ion Ratio Lower Upper

93 100

95 80.6 66.0 99.0

174 98.2 81.3 121.9





#47

Bromodichloromethane

Concen: 51.705 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

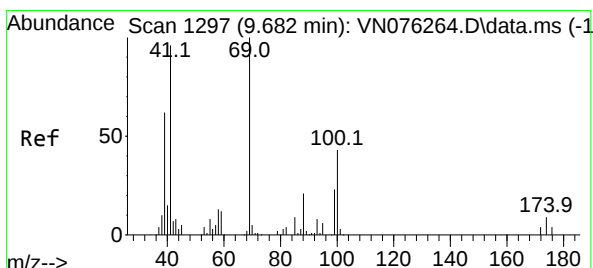
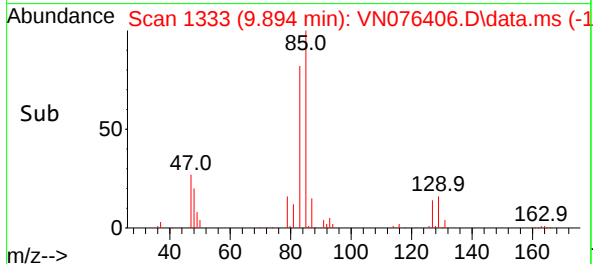
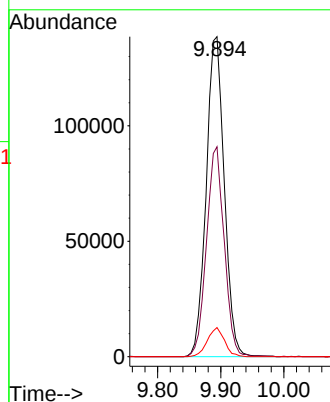
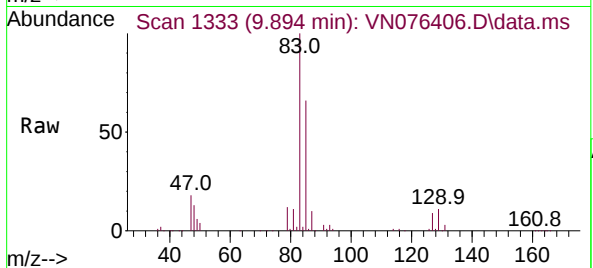
Tgt Ion: 83 Resp: 275926

Ion Ratio Lower Upper

83 100

85 65.6 52.1 78.1

127 9.1 7.4 11.0



#48

Methyl methacrylate

Concen: 51.658 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

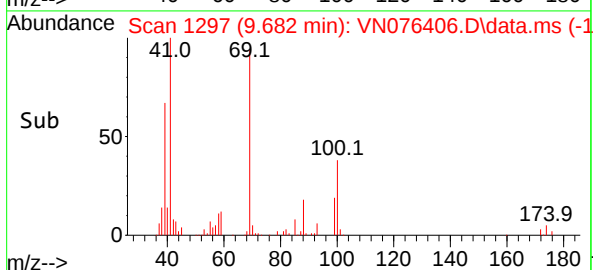
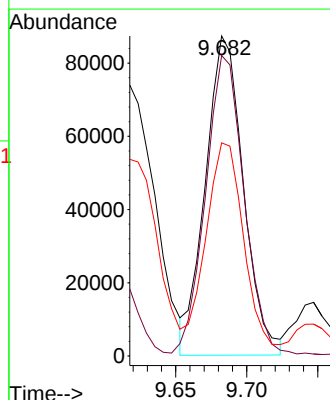
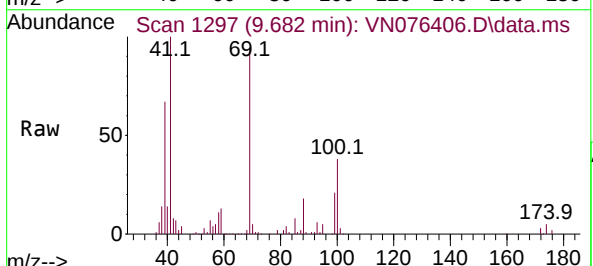
Tgt Ion: 41 Resp: 162439

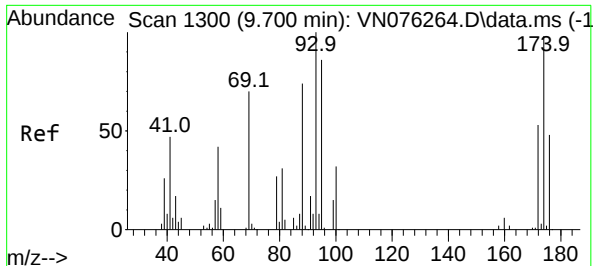
Ion Ratio Lower Upper

41 100

69 96.6 80.8 121.2

39 68.0 54.4 81.6





#49

1,4-Dioxane

Concen: 962.487 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

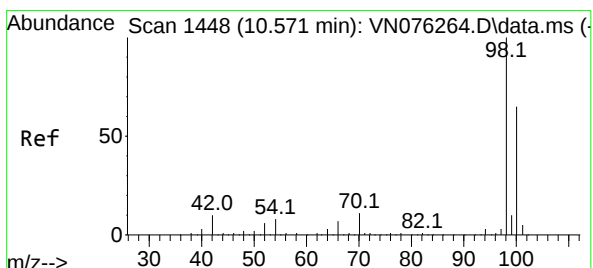
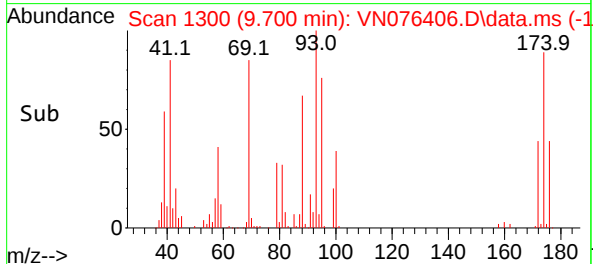
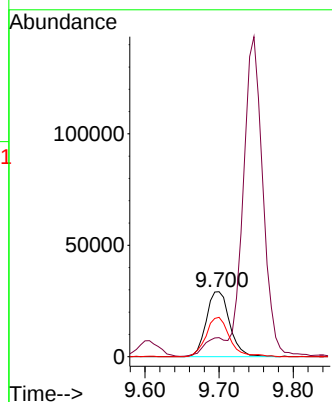
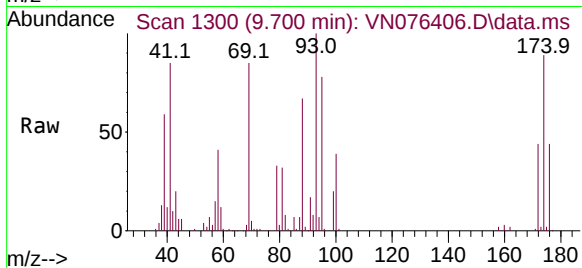
Tgt Ion: 88 Resp: 63862

Ion Ratio Lower Upper

88 100

43 28.1 18.1 27.1#

58 61.5 46.5 69.7



#50

Toluene-d8

Concen: 52.464 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076406.D

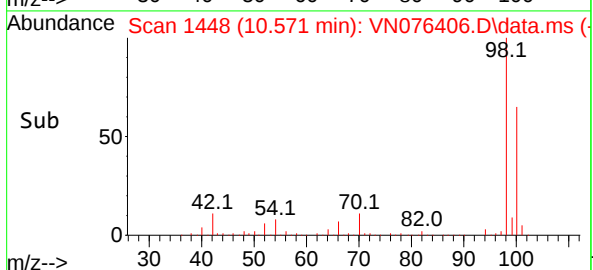
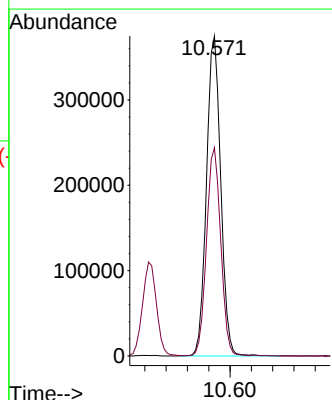
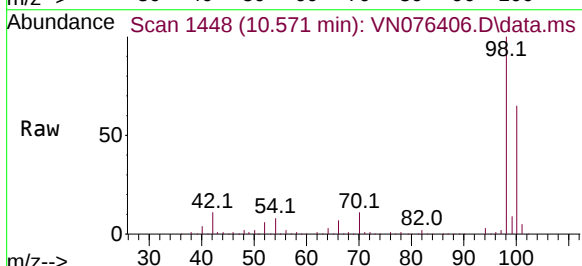
Acq: 25 Jan 2023 16:58

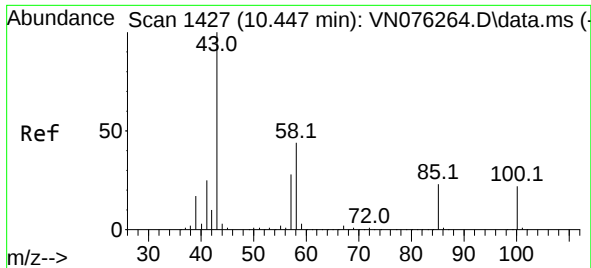
Tgt Ion: 98 Resp: 694094

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4

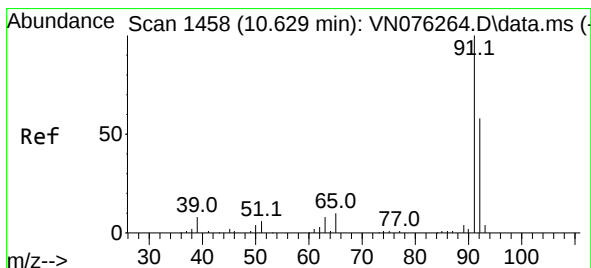
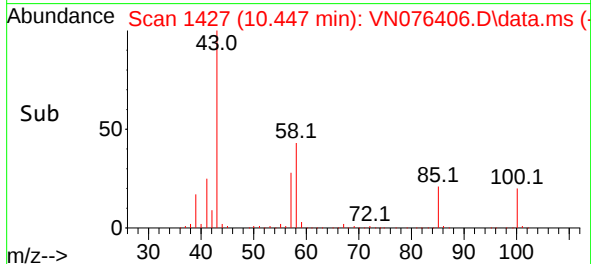
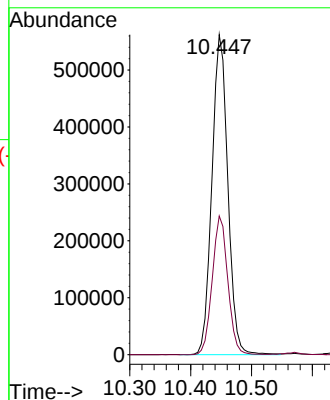
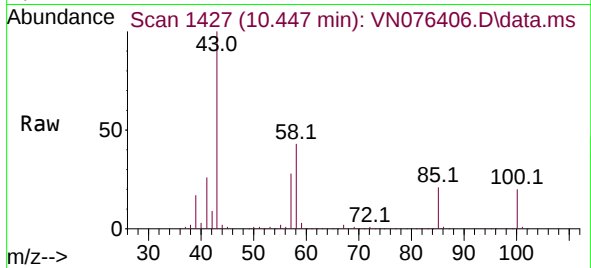




#51
4-Methyl-2-Pentanone
Concen: 261.948 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

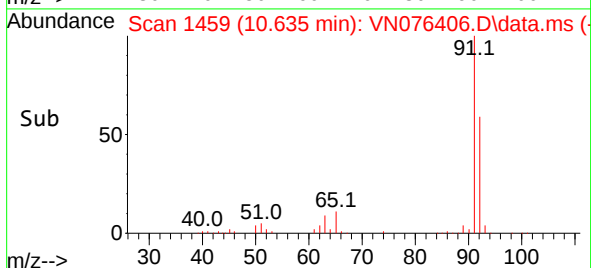
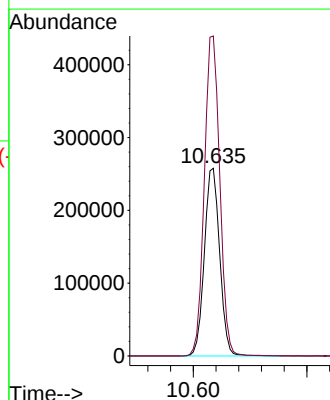
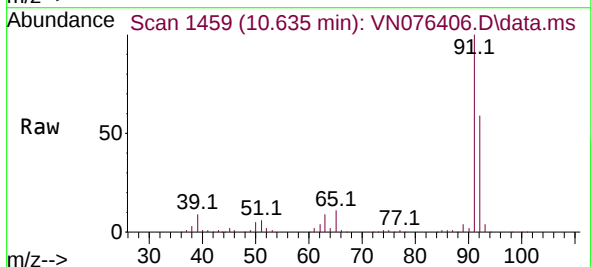
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

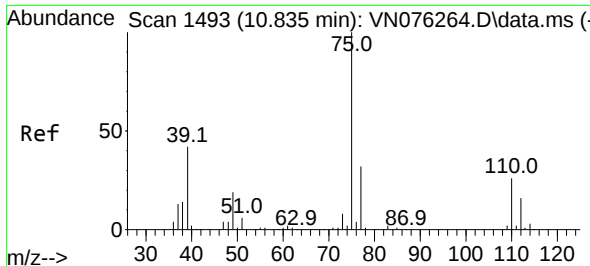
Tgt Ion: 43 Resp: 1021388
Ion Ratio Lower Upper
43 100
58 42.4 35.1 52.7



#52
Toluene
Concen: 47.166 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 92 Resp: 480097
Ion Ratio Lower Upper
92 100
91 172.4 136.6 205.0

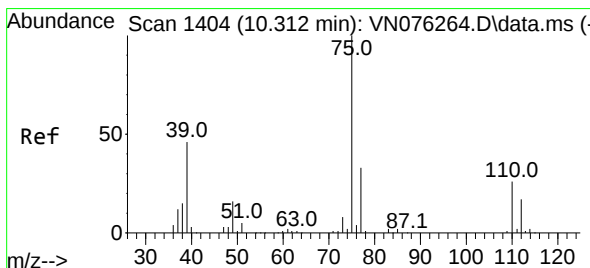
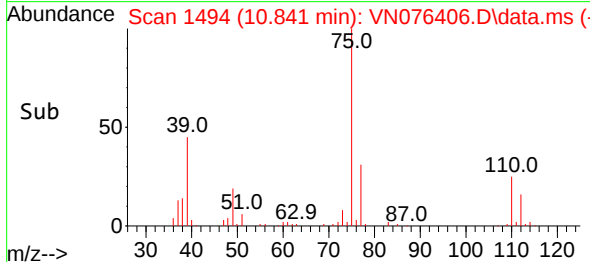
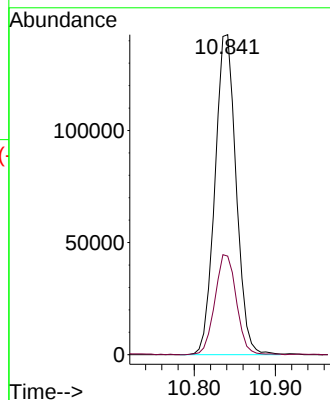
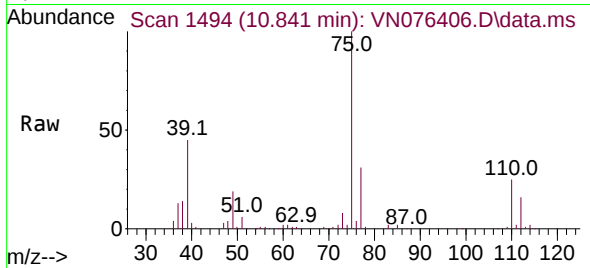




#53
 t-1,3-Dichloropropene
 Concen: 50.951 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

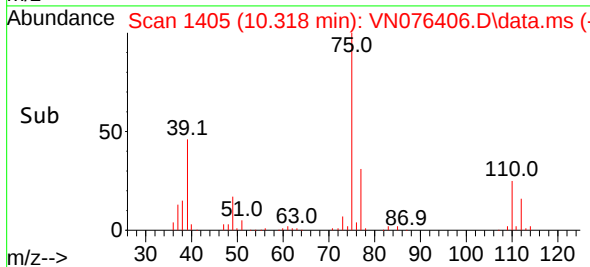
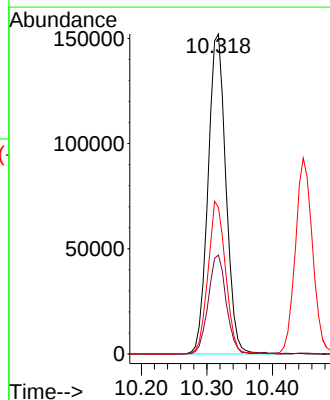
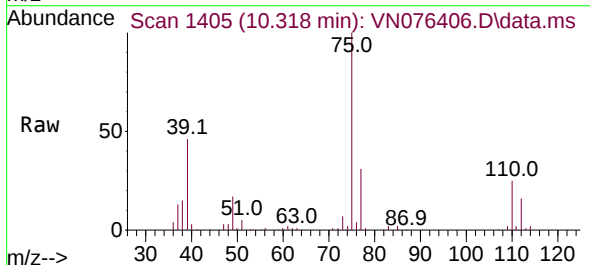
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MS

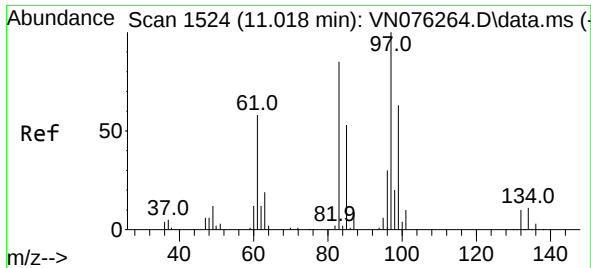
Tgt Ion: 75 Resp: 259197
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.311 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

Tgt Ion: 75 Resp: 288599
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.5 39.7
 39 45.7 37.1 55.7

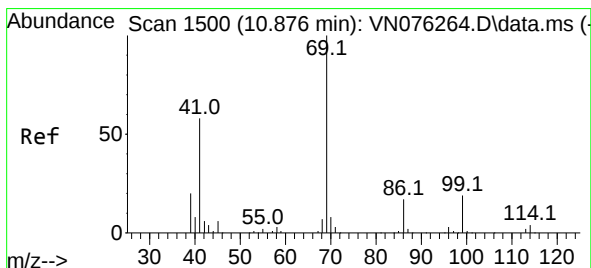
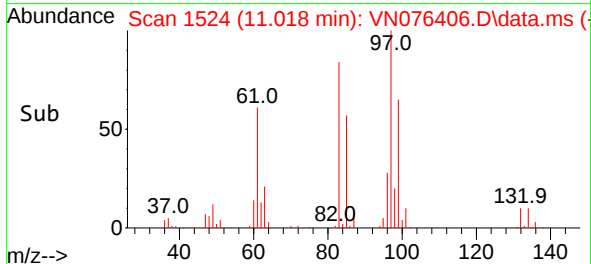
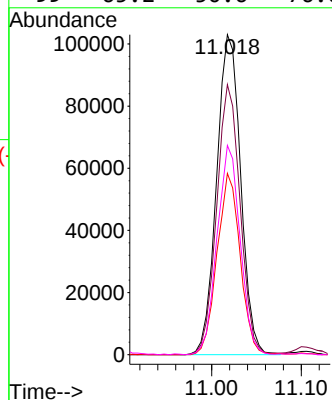
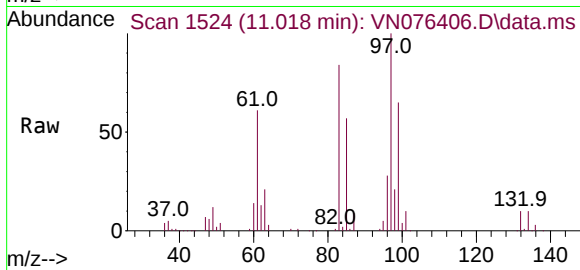




#55
1,1,2-Trichloroethane
Concen: 49.303 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

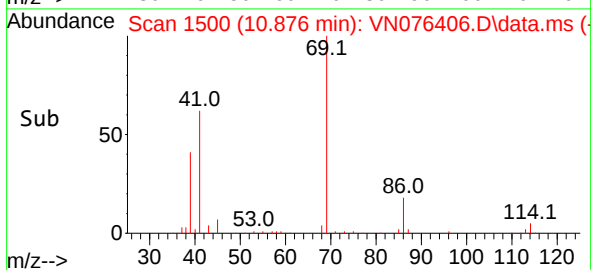
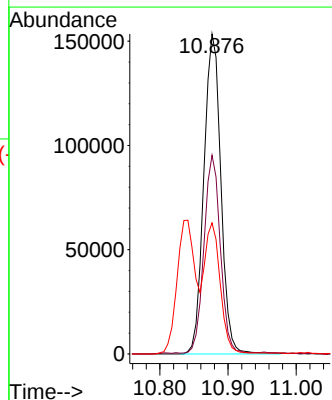
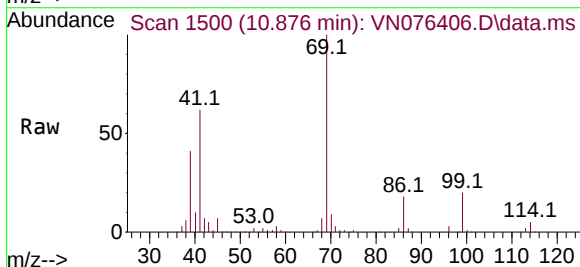
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

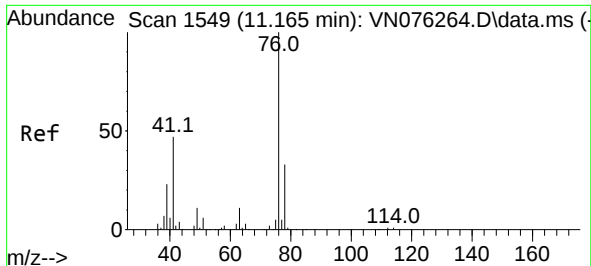
Tgt Ion:	97	Resp:	191824
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.8	101.6
85	56.7	42.3	63.5
99	65.2	50.6	76.0



#56
Ethyl methacrylate
Concen: 53.073 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:	69	Resp:	266585
Ion	Ratio	Lower	Upper
69	100		
41	59.4	45.3	67.9
39	37.0	29.3	43.9

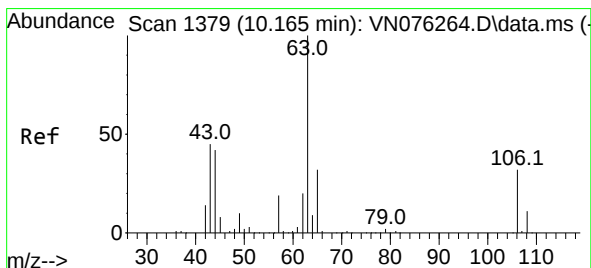
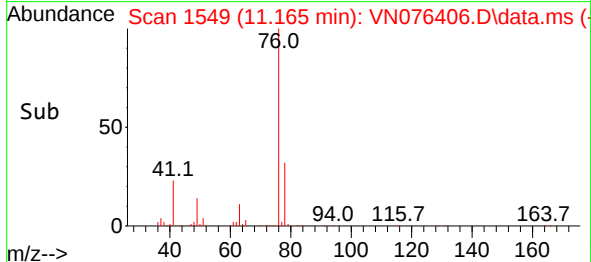
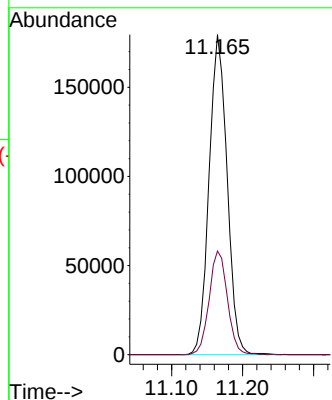
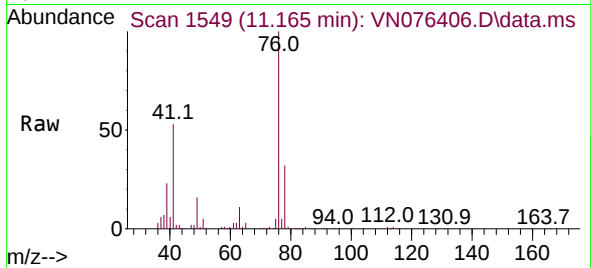




#57
1,3-Dichloropropane
Concen: 50.162 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

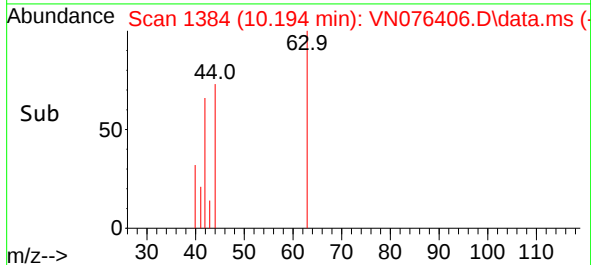
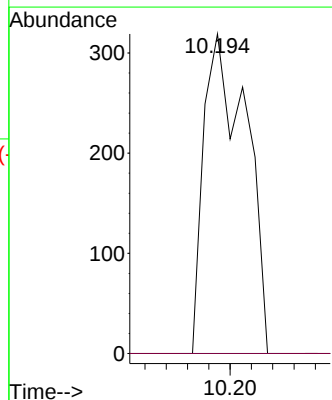
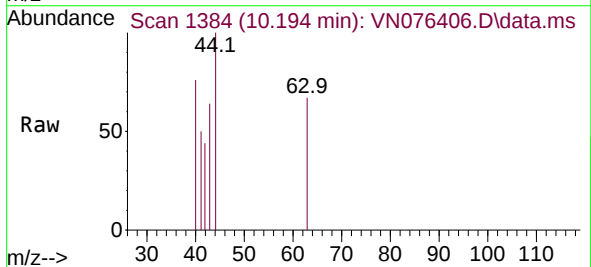
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

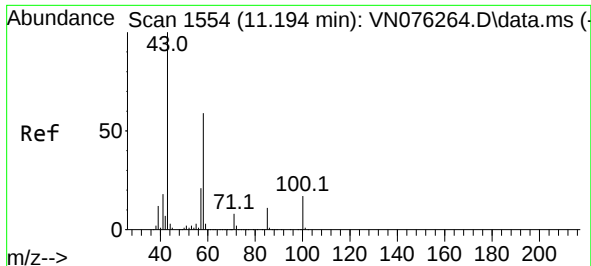
Tgt Ion: 76 Resp: 317164
Ion Ratio Lower Upper
76 100
78 32.8 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.259 ug/l
RT: 10.194 min Scan# 1384
Delta R.T. 0.029 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 63 Resp: 439
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.2#

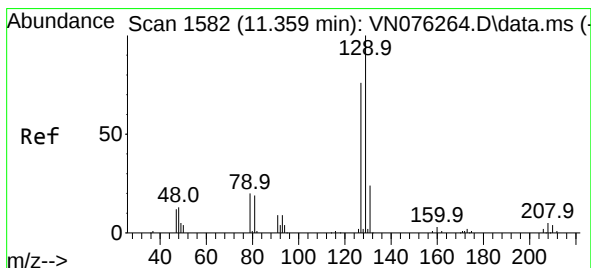
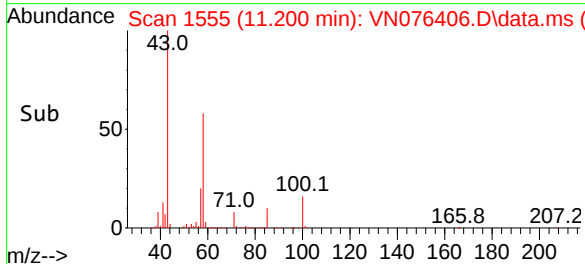
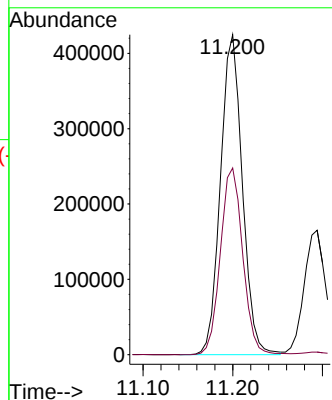
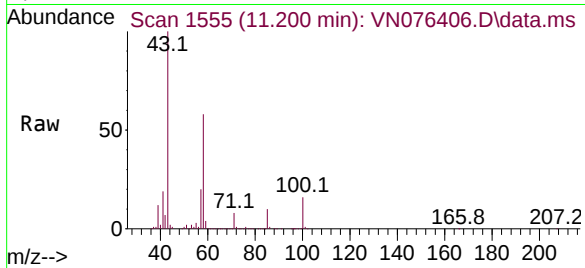




#59
2-Hexanone
Concen: 254.471 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

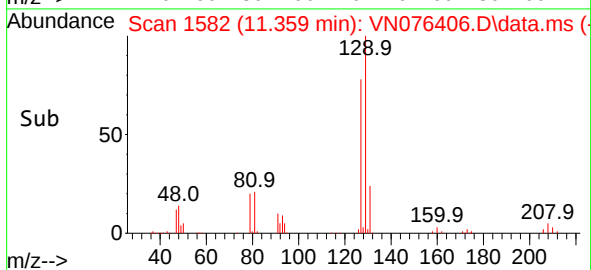
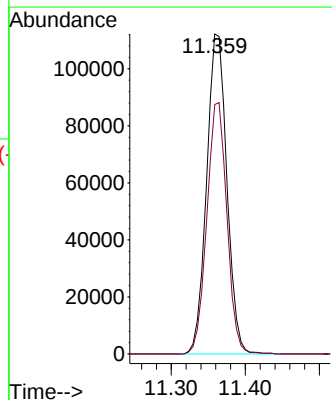
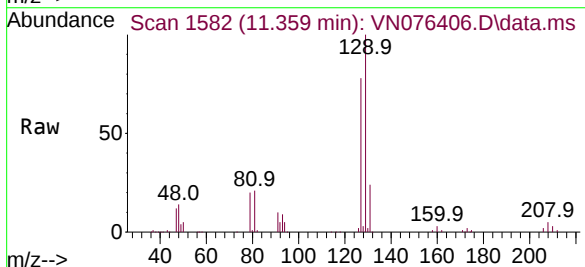
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

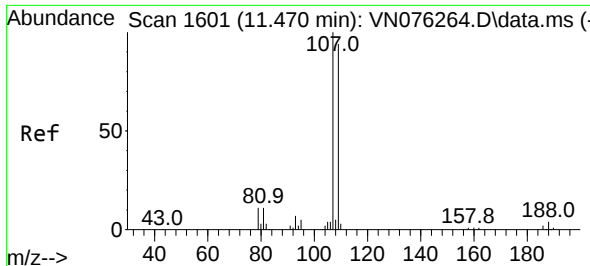
Tgt Ion: 43 Resp: 719029
Ion Ratio Lower Upper
43 100
58 59.6 30.1 90.3



#60
Dibromochloromethane
Concen: 52.121 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:129 Resp: 213470
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

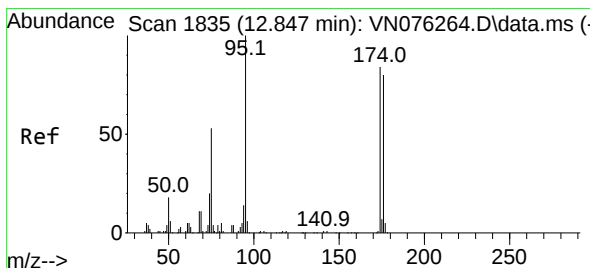
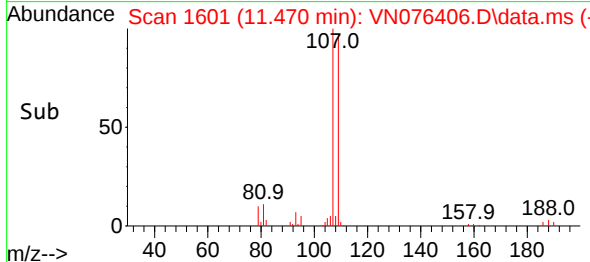
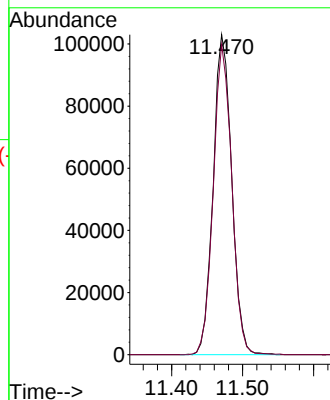
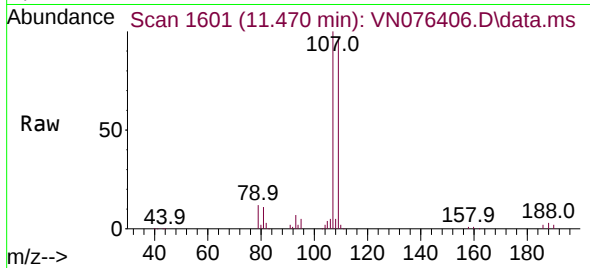




#61
1,2-Dibromoethane
Concen: 48.004 ug/l
RT: 11.470 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

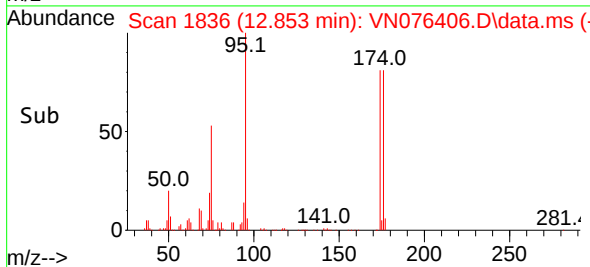
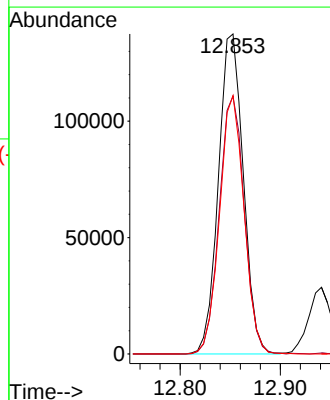
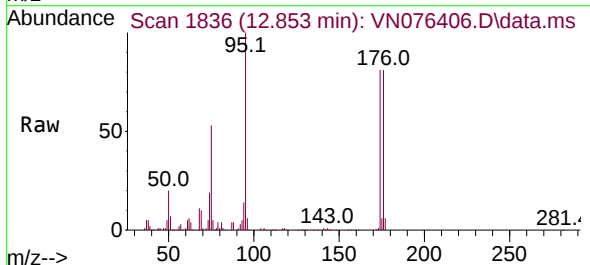
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

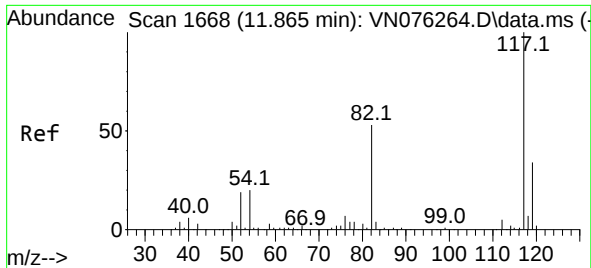
Tgt Ion:107 Resp: 186427
Ion Ratio Lower Upper
107 100
109 96.5 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 54.912 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 95 Resp: 237161
Ion Ratio Lower Upper
95 100
174 80.9 0.0 174.6
176 79.3 0.0 167.8

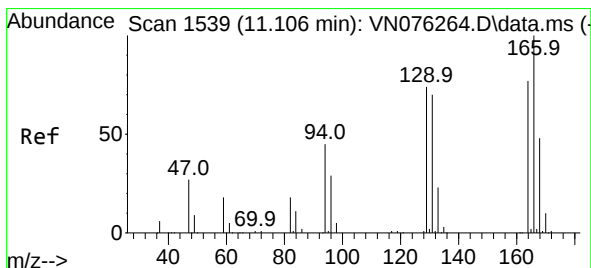
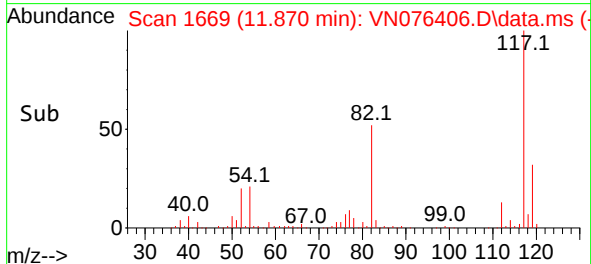
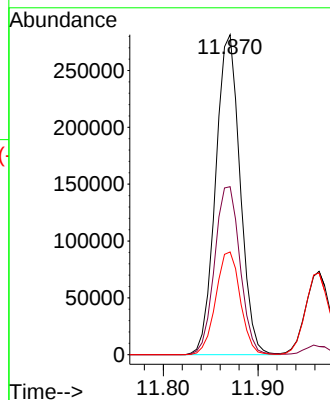
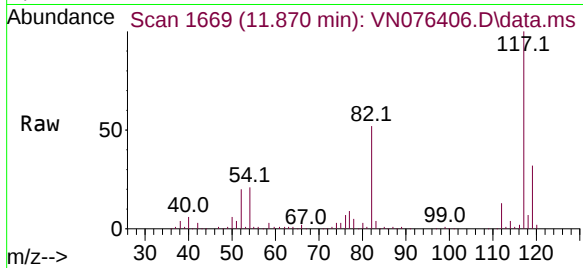




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

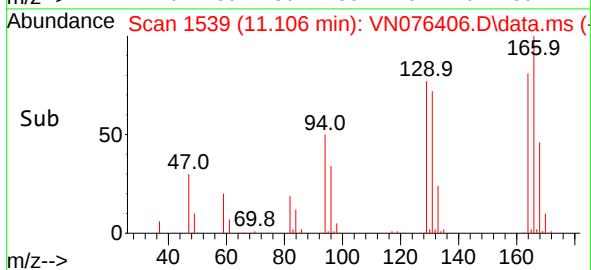
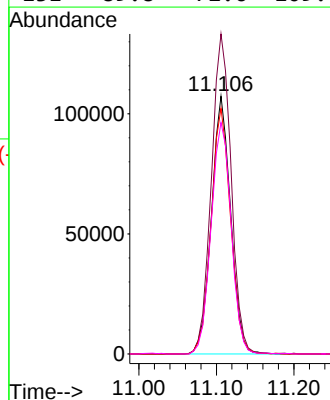
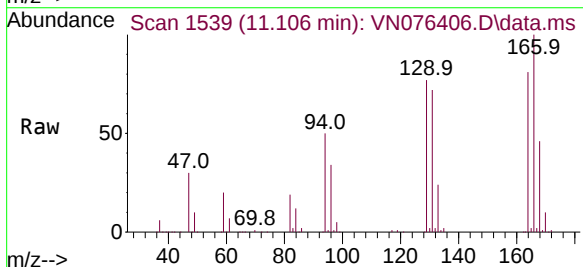
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

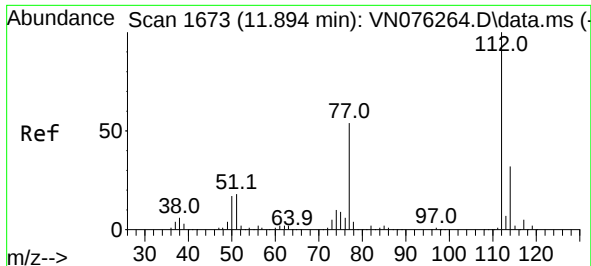
Tgt Ion:117 Resp: 504960
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 32.1 26.9 40.3



#64
Tetrachloroethene
Concen: 40.743 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:164 Resp: 185537
Ion Ratio Lower Upper
164 100
166 124.1 104.0 156.0
129 95.3 76.6 114.8
131 89.8 72.6 109.0

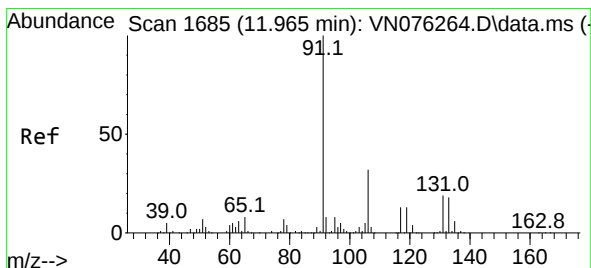
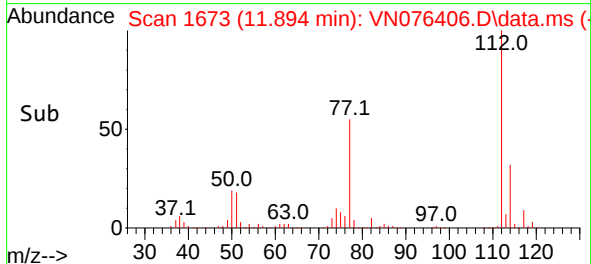
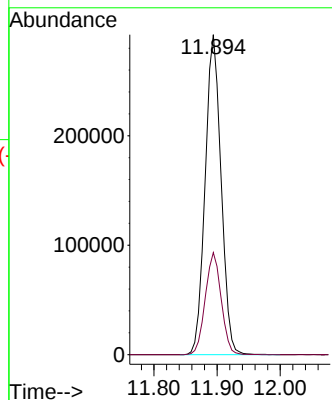
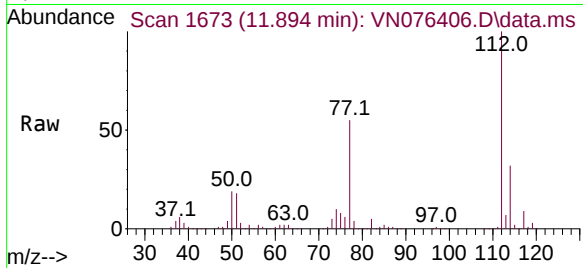




#65
Chlorobenzene
Concen: 47.993 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

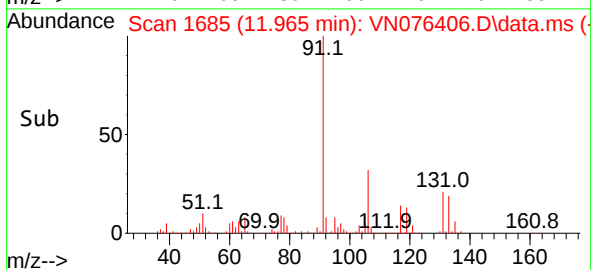
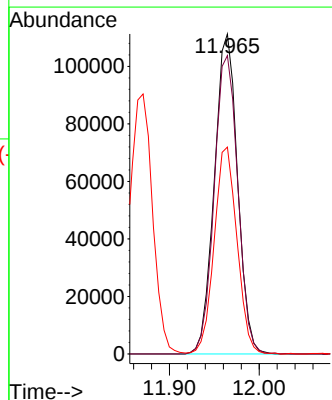
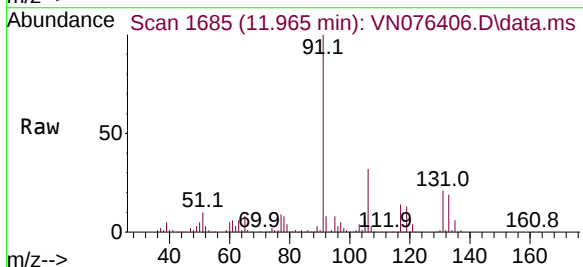
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

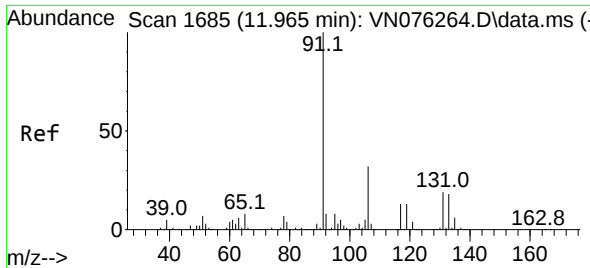
Tgt Ion:112 Resp: 512291
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.248 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:131 Resp: 199559
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 63.7 32.3 96.8

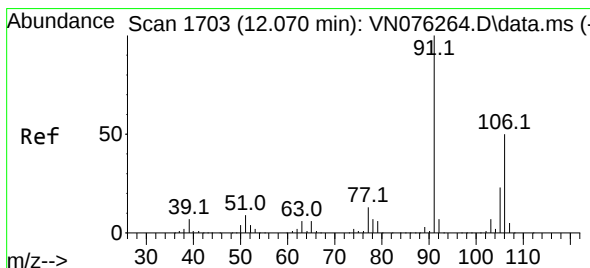
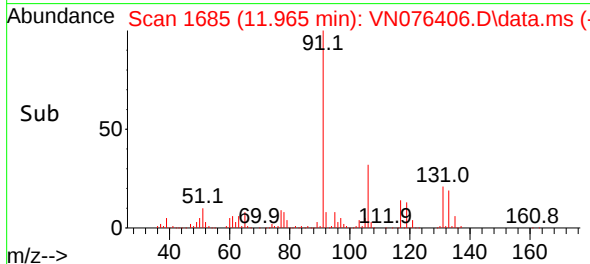
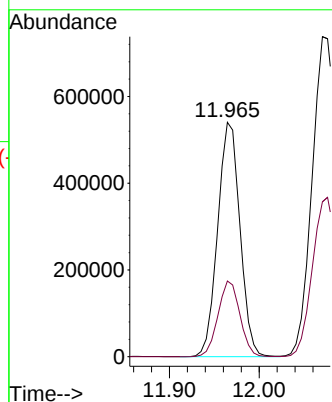
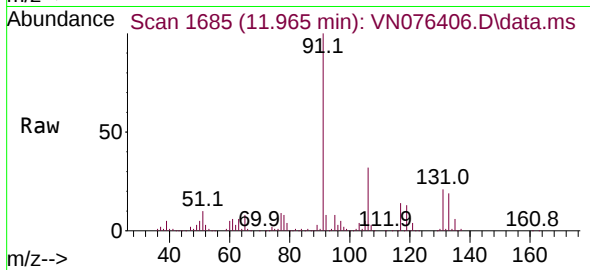




#67
Ethyl Benzene
Concen: 50.992 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

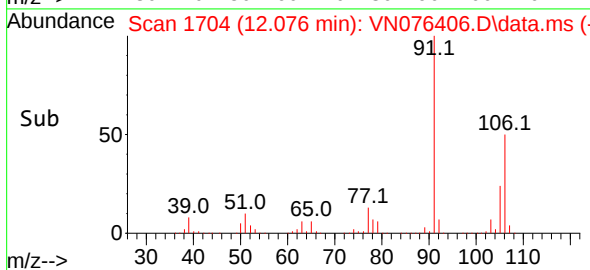
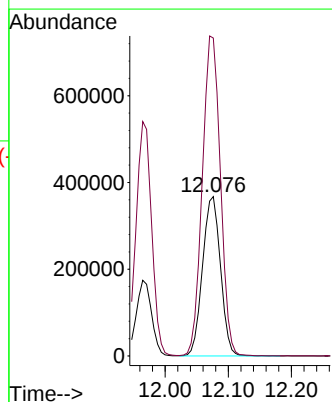
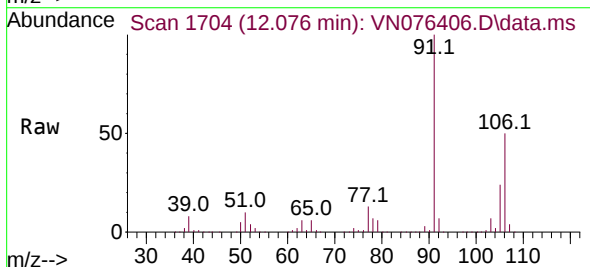
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

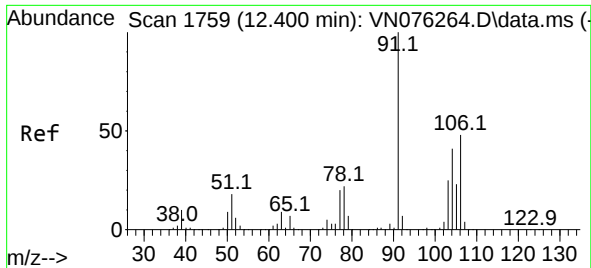
Tgt Ion: 91 Resp: 931554
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 98.792 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:106 Resp: 723702
Ion Ratio Lower Upper
106 100
91 202.5 157.5 236.3

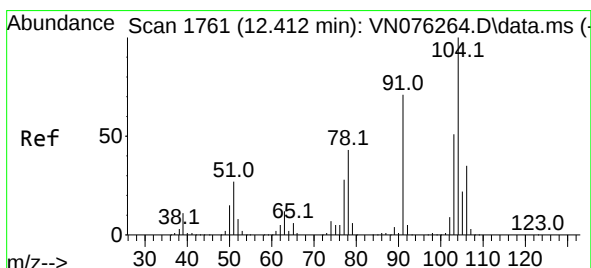
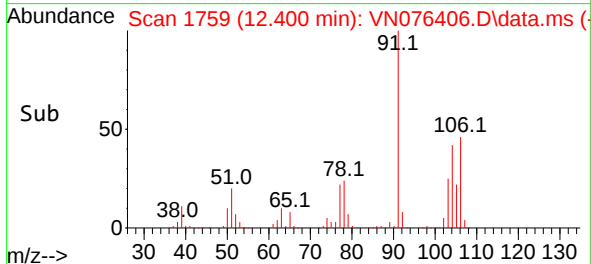
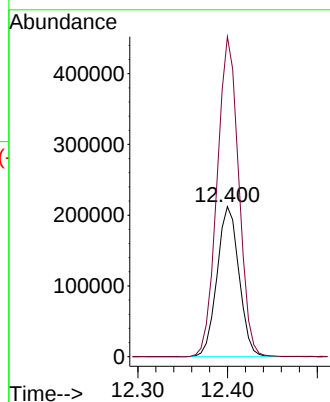
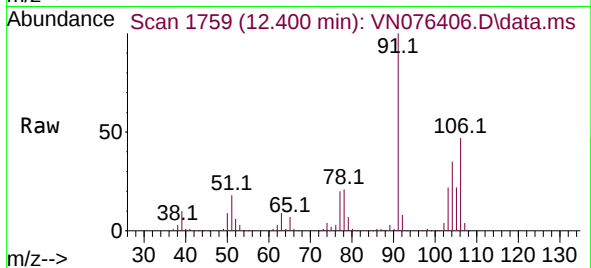




#69
o-Xylene
Concen: 50.047 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

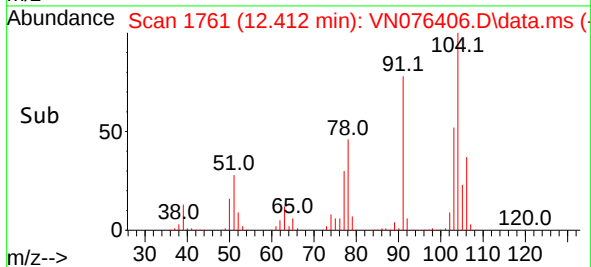
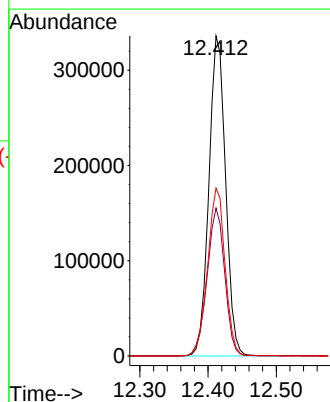
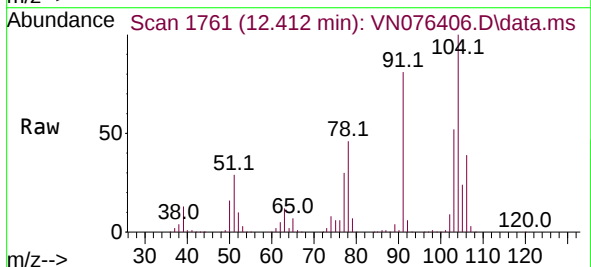
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

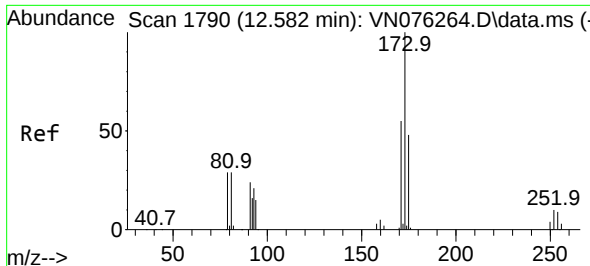
Tgt Ion:106 Resp: 360032
Ion Ratio Lower Upper
106 100
91 210.9 103.2 309.4



#70
Styrene
Concen: 49.822 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:104 Resp: 572286
Ion Ratio Lower Upper
104 100
78 48.9 37.4 56.0
103 55.0 44.2 66.2

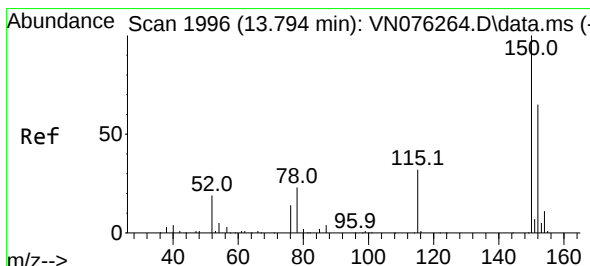
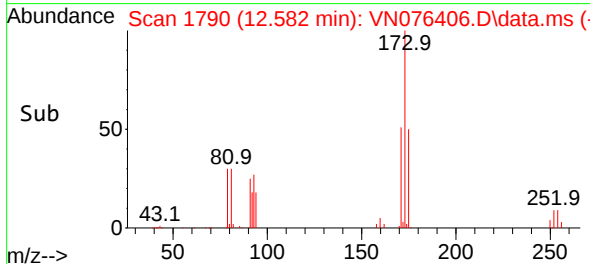
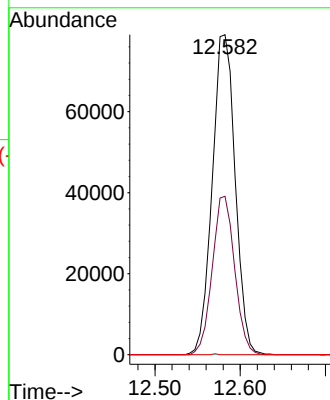
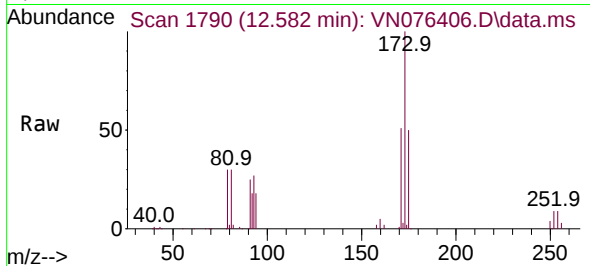




#71
Bromoform
Concen: 51.463 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

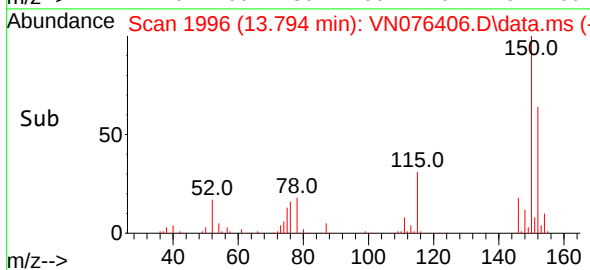
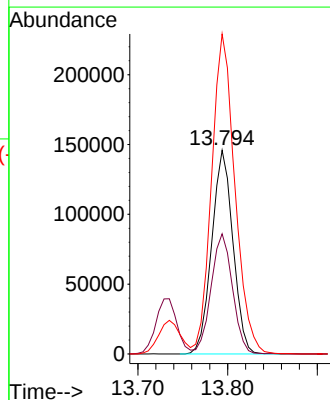
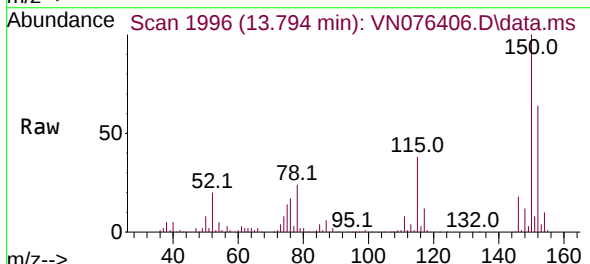
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

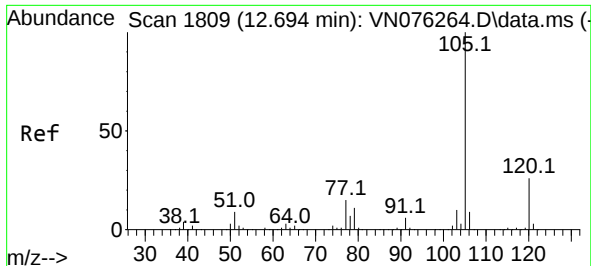
Tgt Ion:173 Resp: 147600
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion:152 Resp: 239475
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.9
150 172.7 0.0 351.4

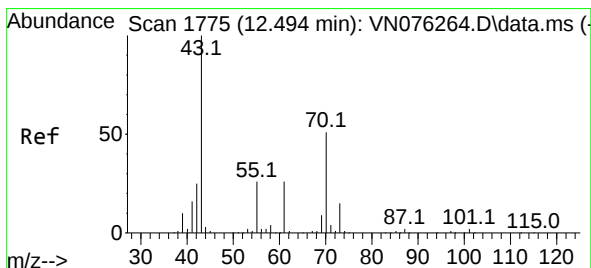
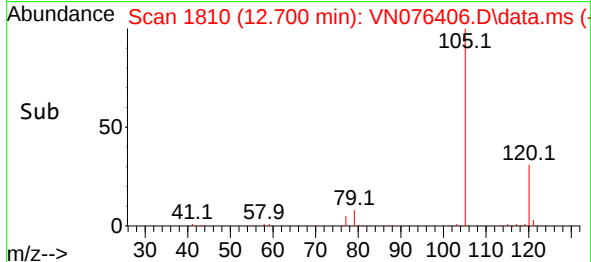
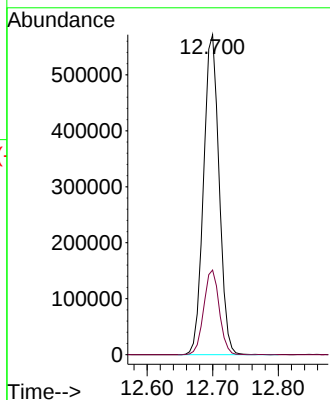
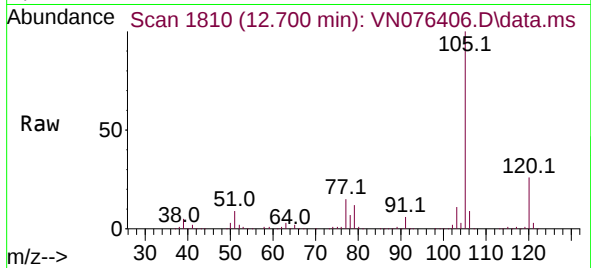




#73
Isopropylbenzene
Concen: 50.884 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

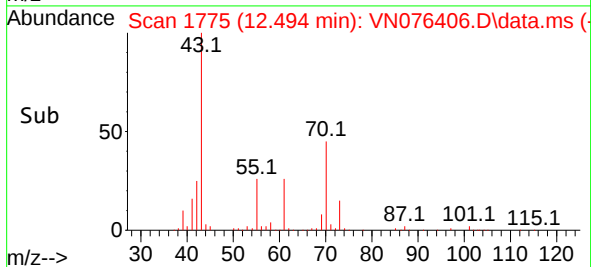
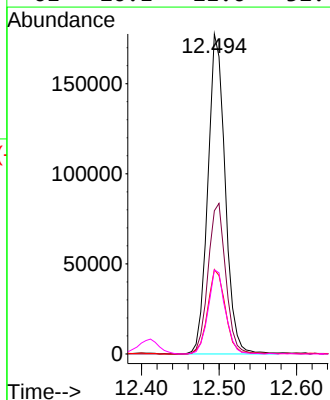
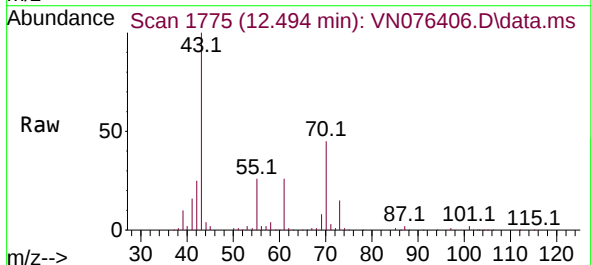
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

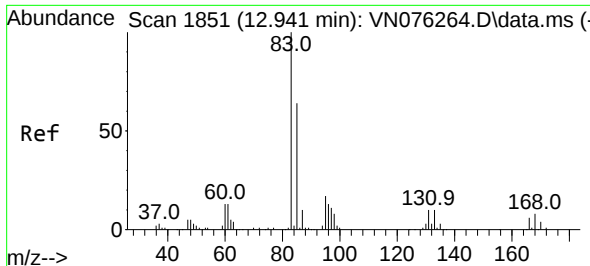
Tgt Ion:105 Resp: 942673
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 51.725 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 43 Resp: 275640
Ion Ratio Lower Upper
43 100
70 48.1 41.2 61.8
55 27.1 21.0 31.6
61 26.1 21.6 32.4

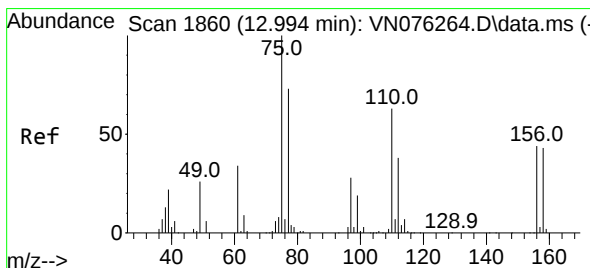
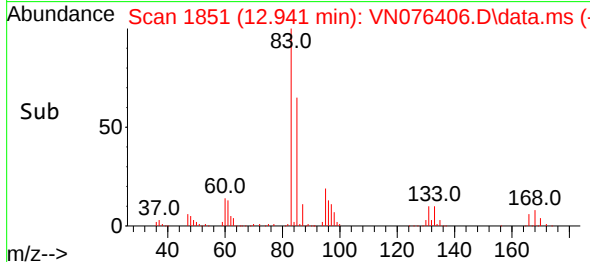
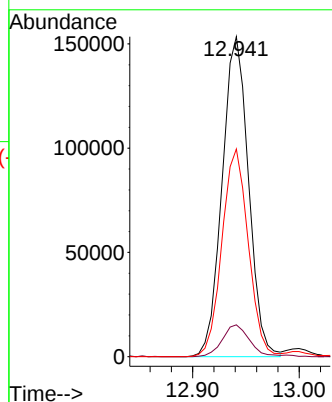
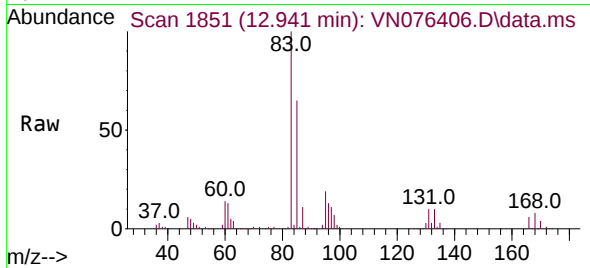




#75
1,1,2,2-Tetrachloroethane
Concen: 49.570 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

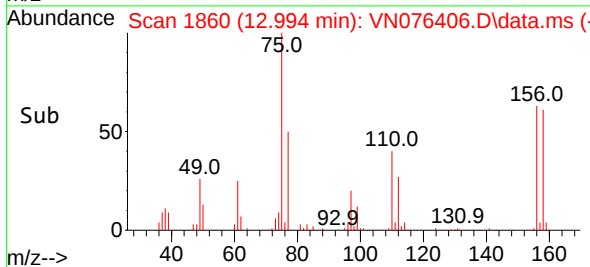
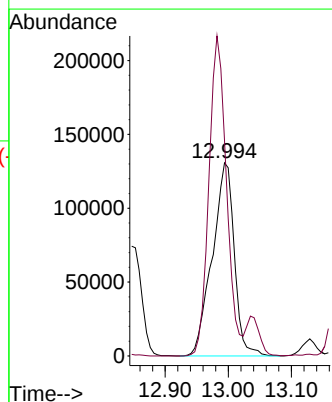
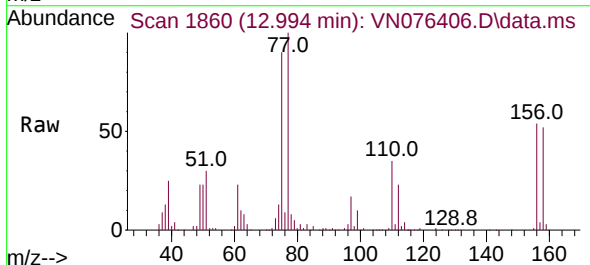
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW10-GW-338-340MS

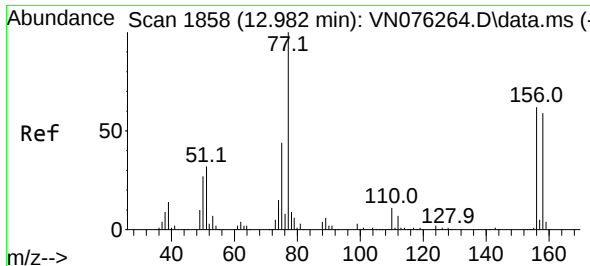
Tgt Ion: 83 Resp: 263996
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.4
85 64.7 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 73.098 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 75 Resp: 316989
Ion Ratio Lower Upper
75 100
77 132.8 75.2 225.6

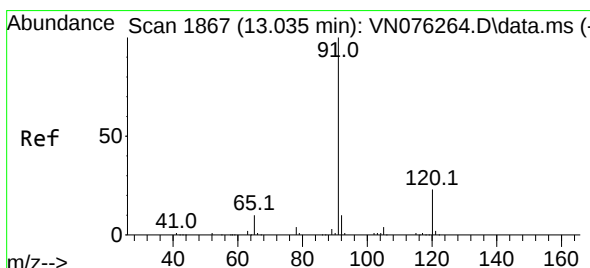
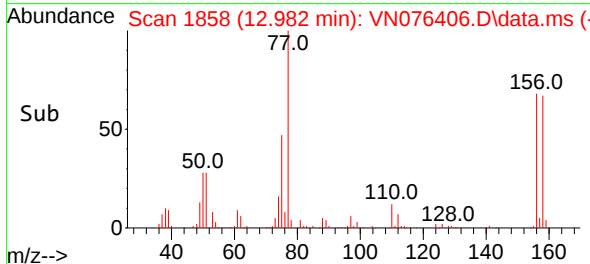
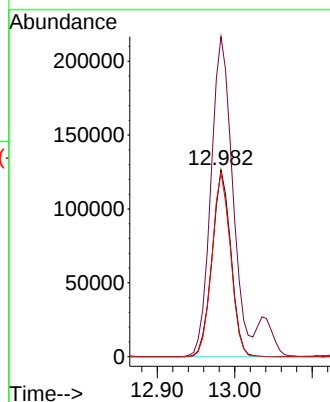
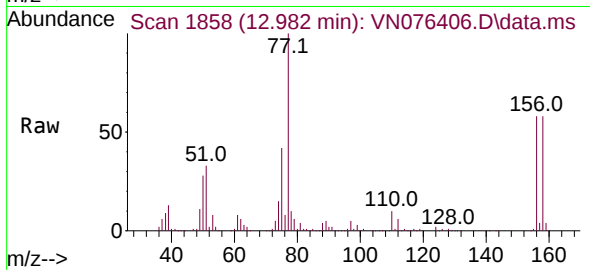




#77
Bromobenzene
Concen: 49.153 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

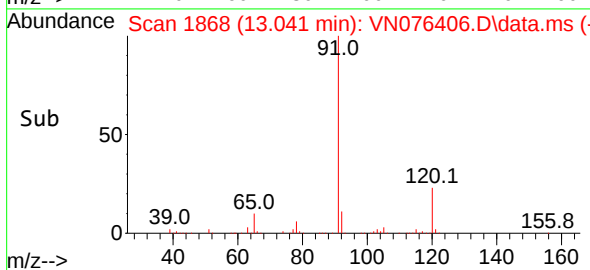
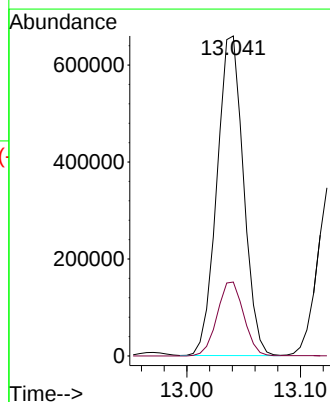
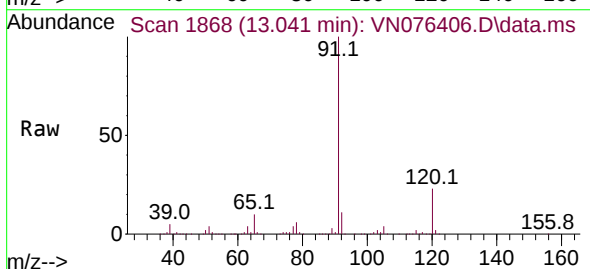
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

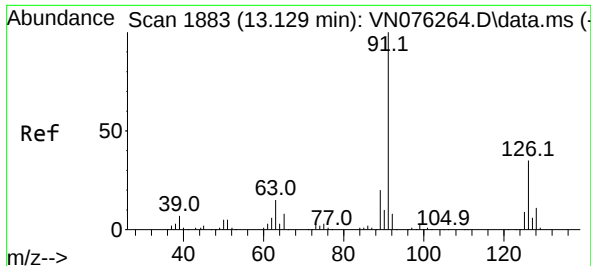
Tgt Ion:156 Resp: 212937
Ion Ratio Lower Upper
156 100
77 197.6 93.4 280.2
158 97.5 48.4 145.2



#78
n-propylbenzene
Concen: 51.180 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 91 Resp: 1069843
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

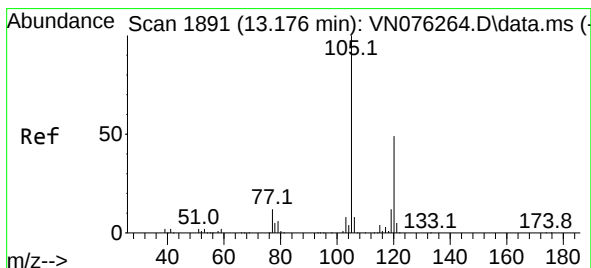
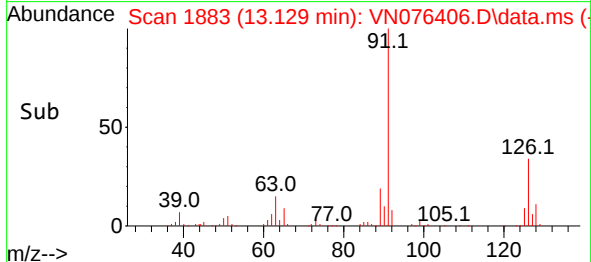
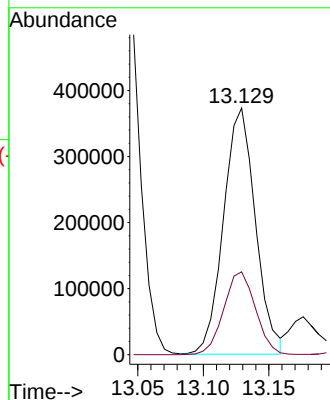
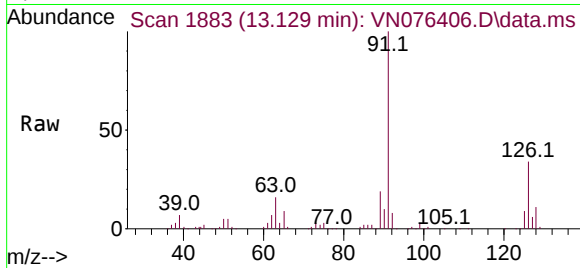




#79
2-Chlorotoluene
Concen: 49.260 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

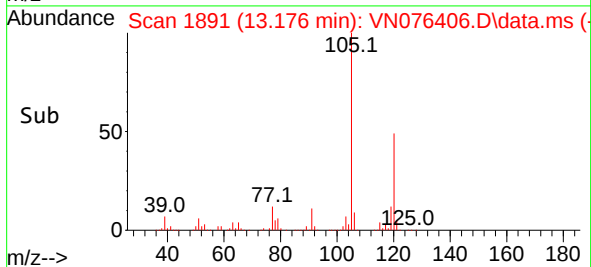
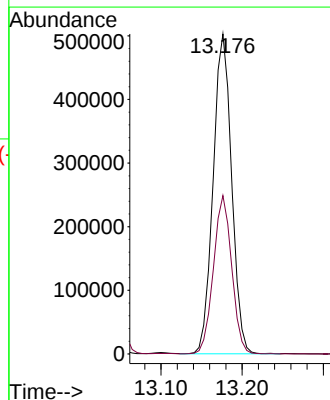
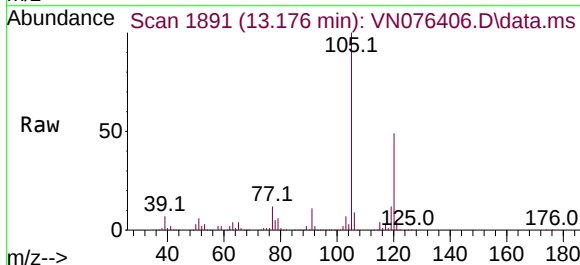
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

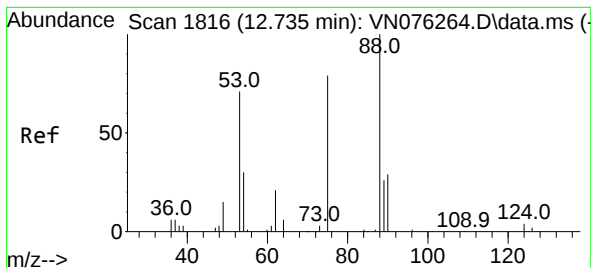
Tgt Ion: 91 Resp: 631860
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 51.168 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 105 Resp: 794138
Ion Ratio Lower Upper
105 100
120 49.1 25.0 75.0

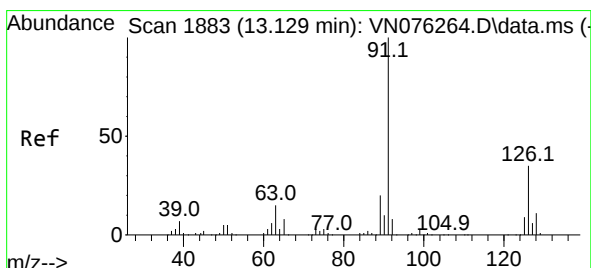
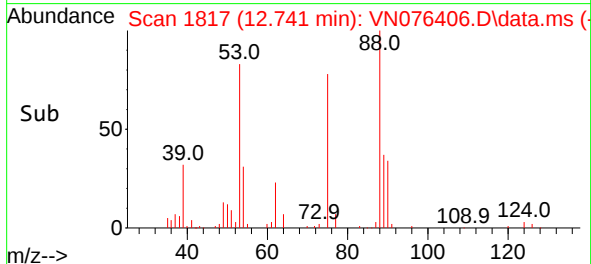
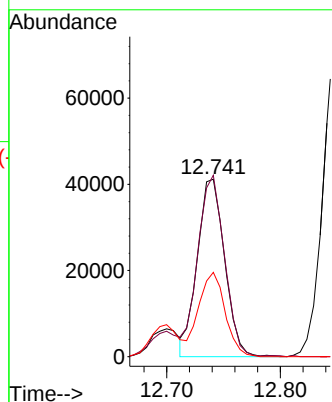
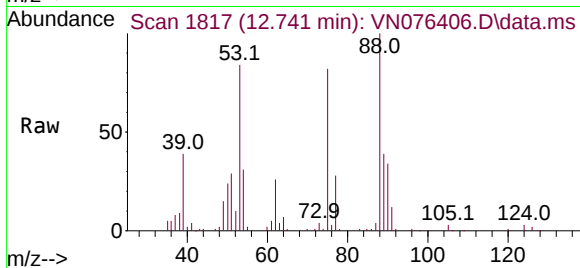




#81
trans-1,4-Dichloro-2-butene
Concen: 47.982 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

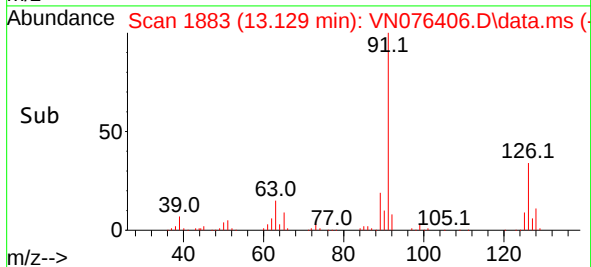
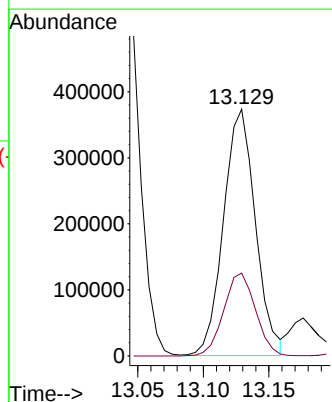
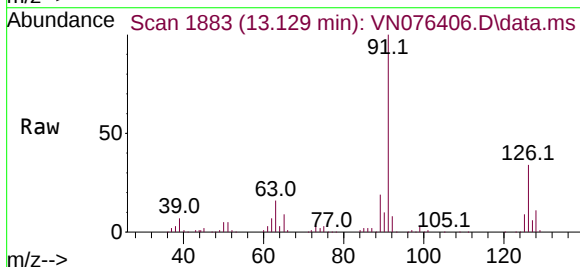
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-338-340MS

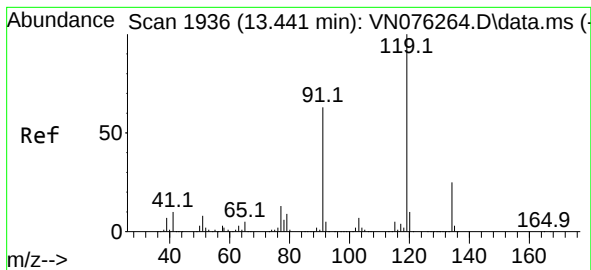
Tgt Ion: 75 Resp: 69060
Ion Ratio Lower Upper
75 100
53 100.3 75.8 113.8
89 45.2 37.0 55.6



#82
4-Chlorotoluene
Concen: 49.260 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076406.D
Acq: 25 Jan 2023 16:58

Tgt Ion: 91 Resp: 631860
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.2





#83

tert-Butylbenzene

Concen: 50.503 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

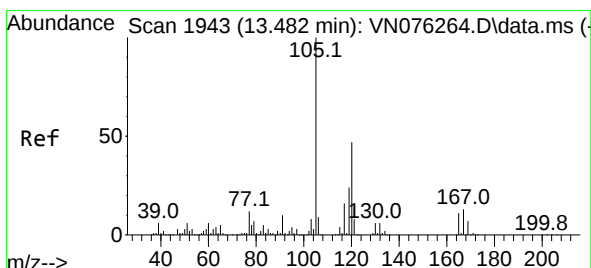
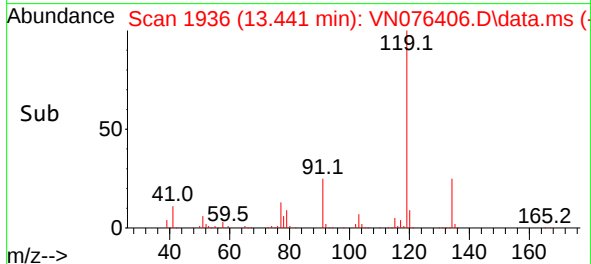
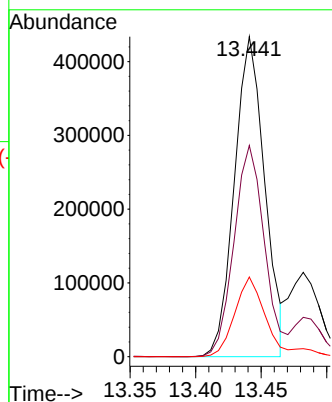
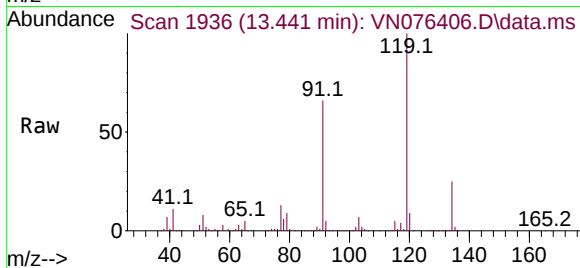
Tgt Ion:119 Resp: 697138

Ion Ratio Lower Upper

119 100

91 67.1 32.2 96.6

134 26.5 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 50.886 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076406.D

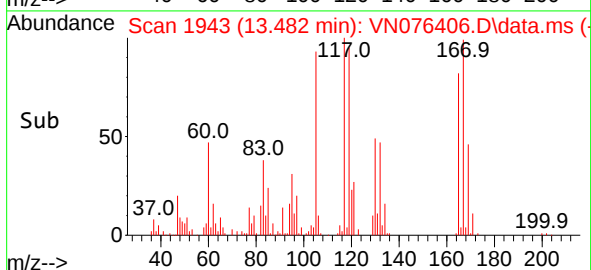
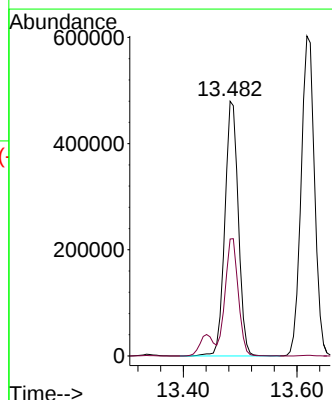
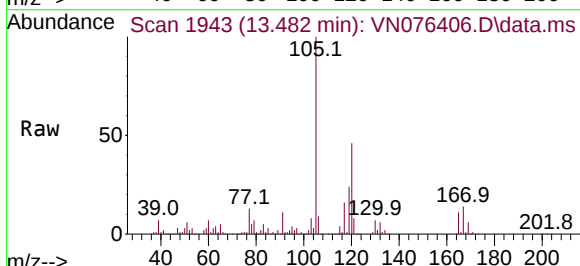
Acq: 25 Jan 2023 16:58

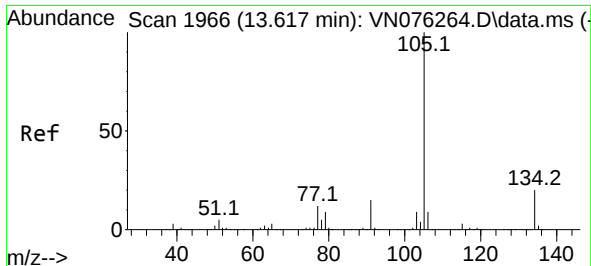
Tgt Ion:105 Resp: 791918

Ion Ratio Lower Upper

105 100

120 44.8 22.9 68.5

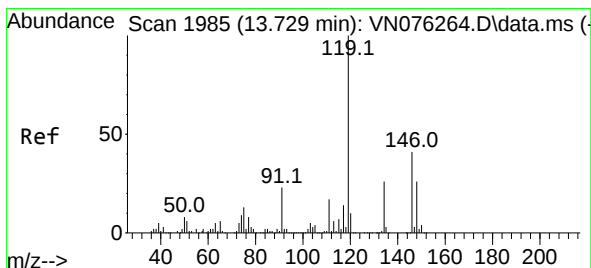
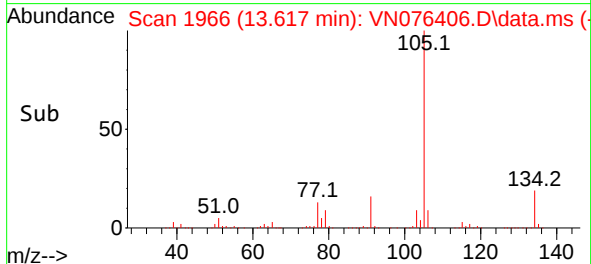
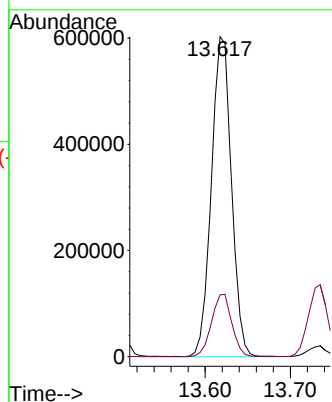
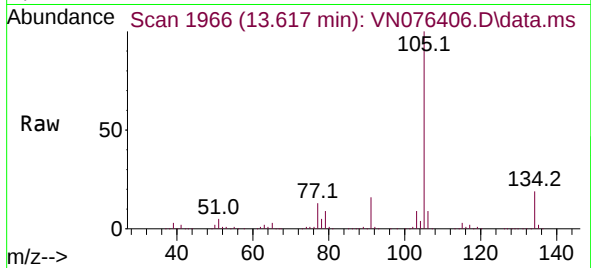




#85
 sec-Butylbenzene
 Concen: 51.580 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

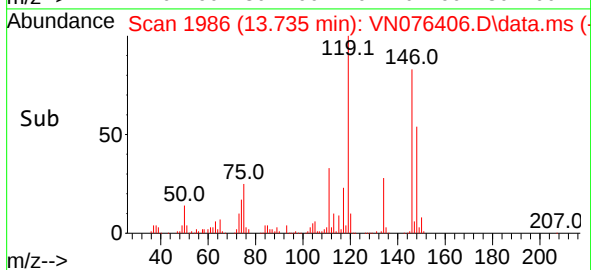
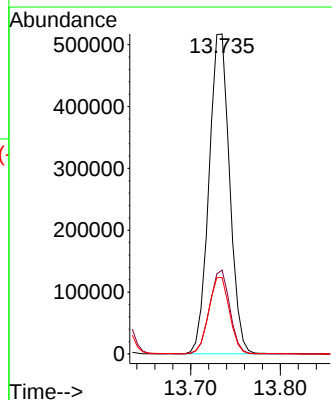
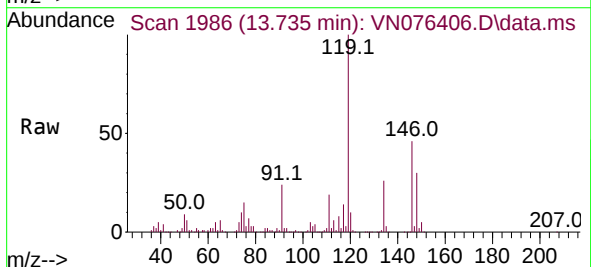
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-338-340MS

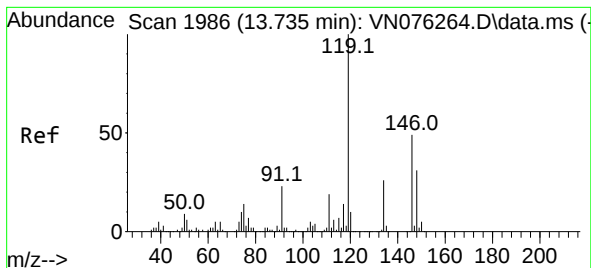
Tgt Ion:105 Resp: 987968
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.441 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076406.D
 Acq: 25 Jan 2023 16:58

Tgt Ion:119 Resp: 825971
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.6
 91 24.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 45.683 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

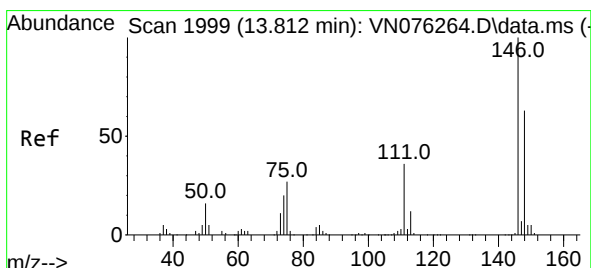
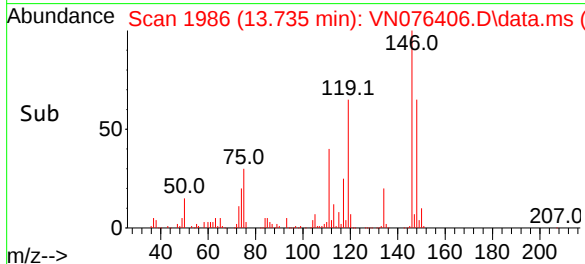
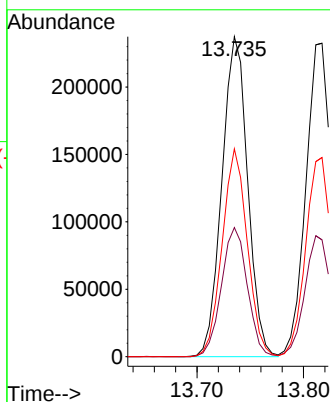
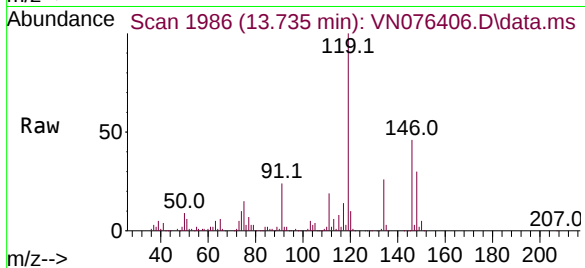
Tgt Ion:146 Resp: 398898

Ion Ratio Lower Upper

146 100

111 40.5 19.9 59.7

148 63.4 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 47.209 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

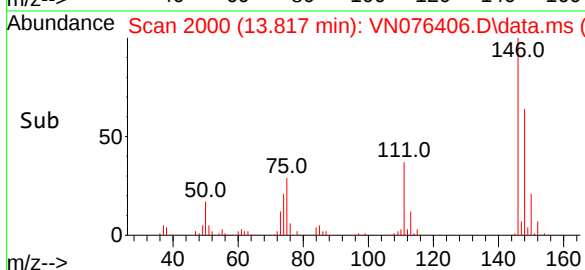
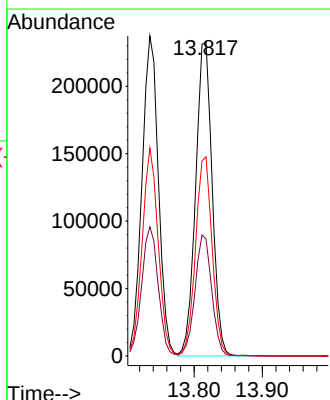
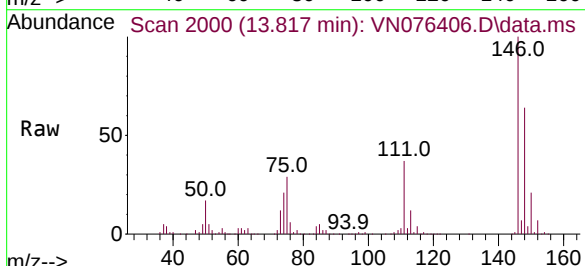
Tgt Ion:146 Resp: 392080

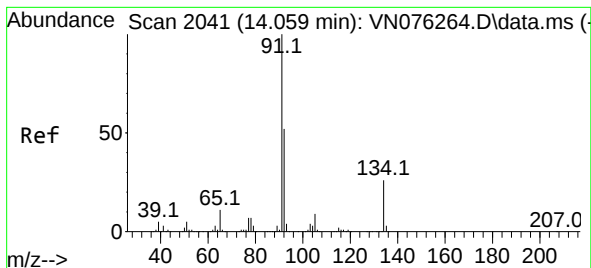
Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

148 63.6 31.9 95.9





#89

n-Butylbenzene

Concen: 52.372 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

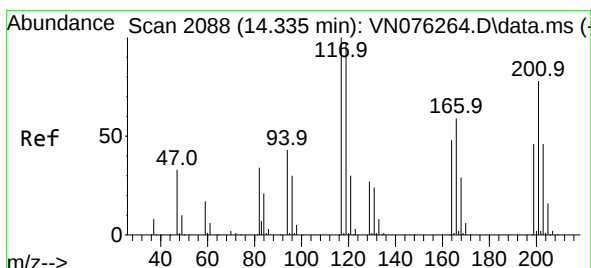
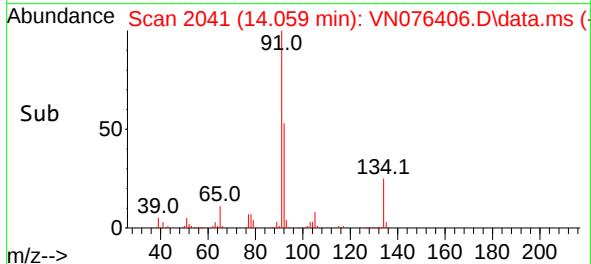
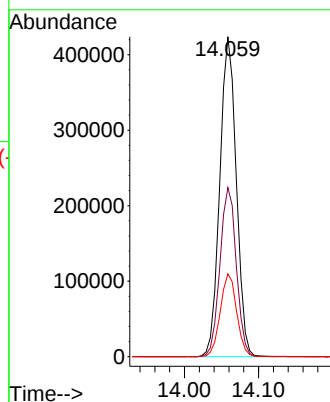
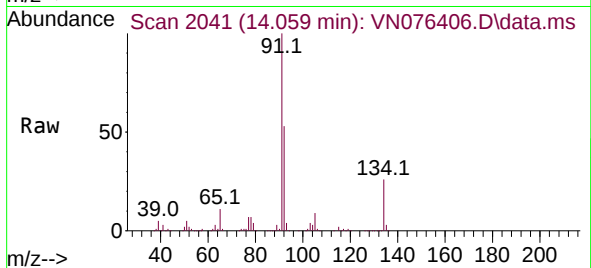
Tgt Ion: 91 Resp: 654819

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

134 25.7 13.2 39.5



#90

Hexachloroethane

Concen: 52.924 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076406.D

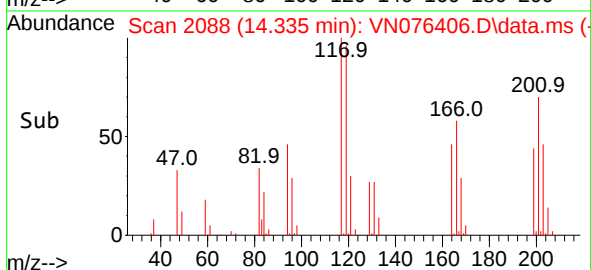
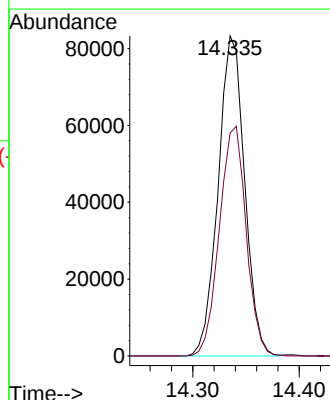
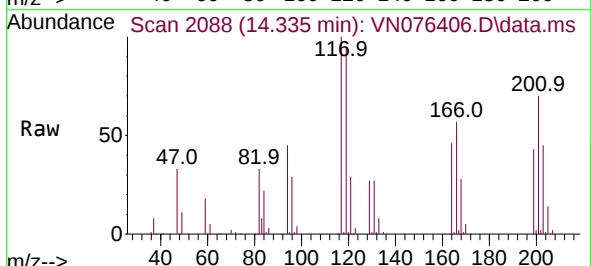
Acq: 25 Jan 2023 16:58

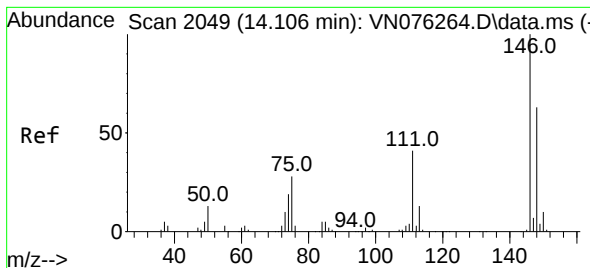
Tgt Ion: 117 Resp: 143870

Ion Ratio Lower Upper

117 100

201 72.6 37.3 111.9





#91

1,2-Dichlorobenzene

Concen: 45.581 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

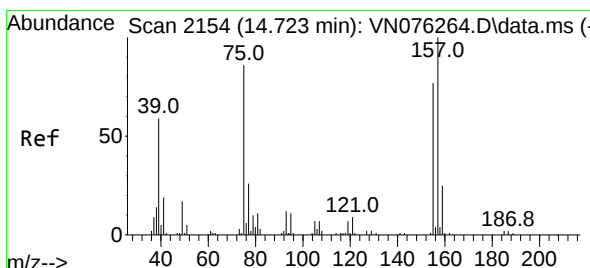
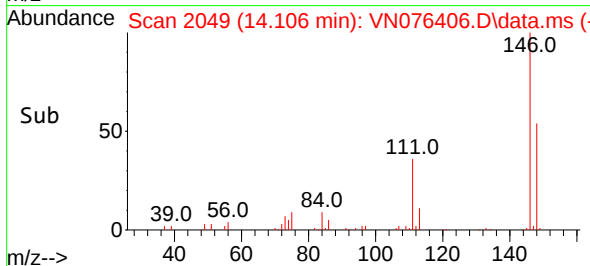
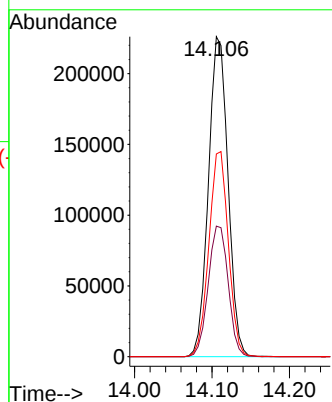
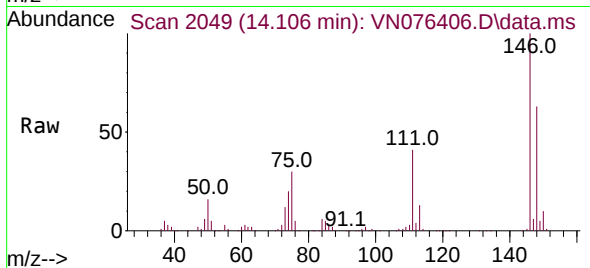
Tgt Ion:146 Resp: 396412

Ion Ratio Lower Upper

146 100

111 41.7 20.3 60.8

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.326 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

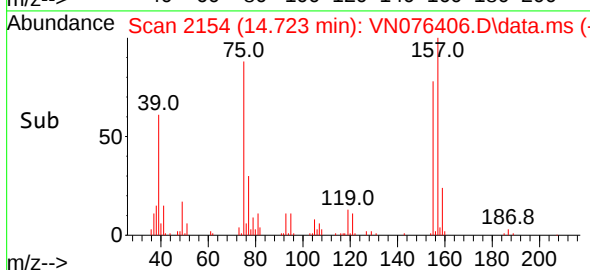
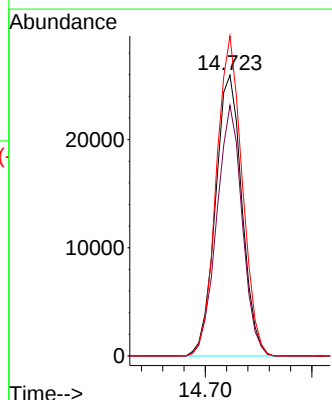
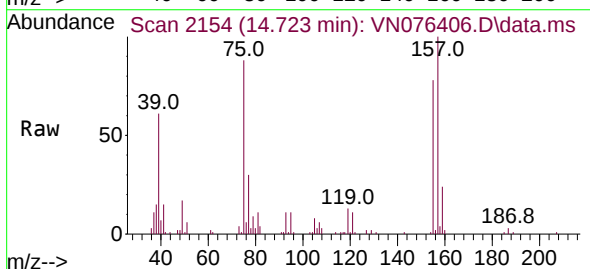
Tgt Ion: 75 Resp: 44738

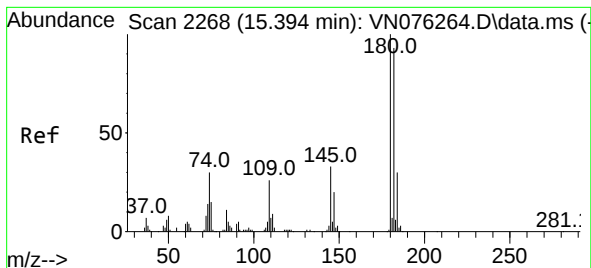
Ion Ratio Lower Upper

75 100

155 86.2 45.0 135.0

157 111.0 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 42.395 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

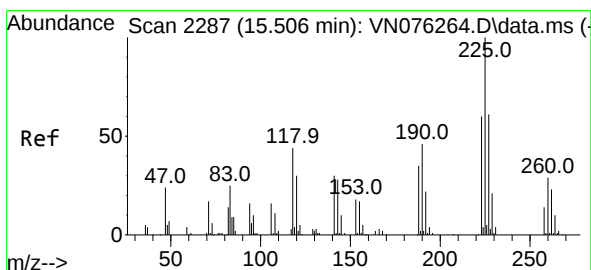
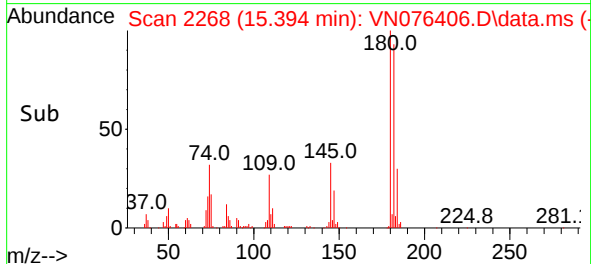
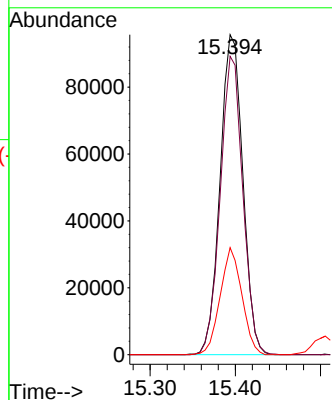
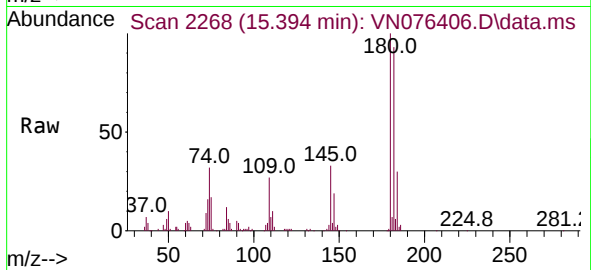
Tgt Ion:180 Resp: 177302

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.2

145 32.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 42.261 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

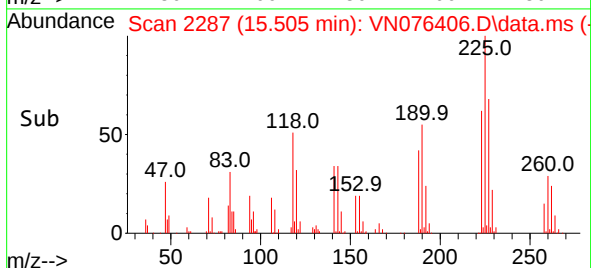
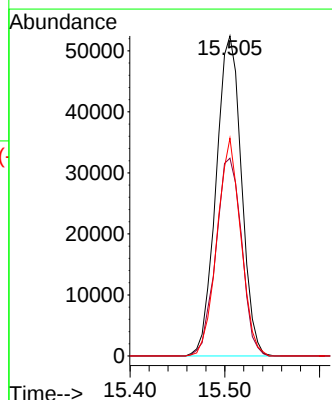
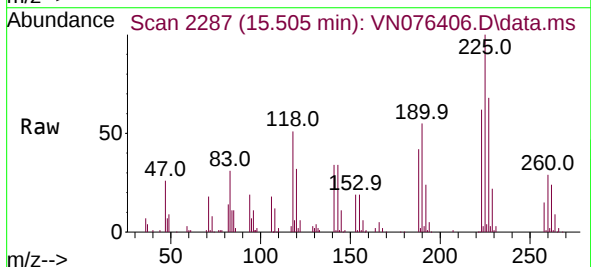
Tgt Ion:225 Resp: 97534

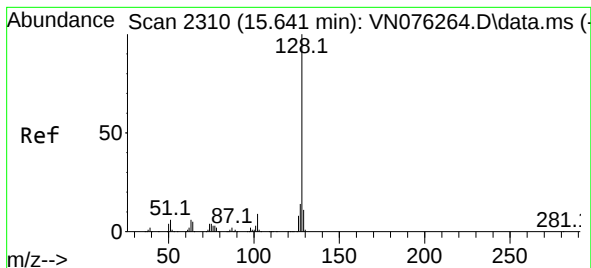
Ion Ratio Lower Upper

225 100

223 62.9 30.8 92.3

227 63.7 30.9 92.8





#95

Naphthalene

Concen: 41.468 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-338-340MS

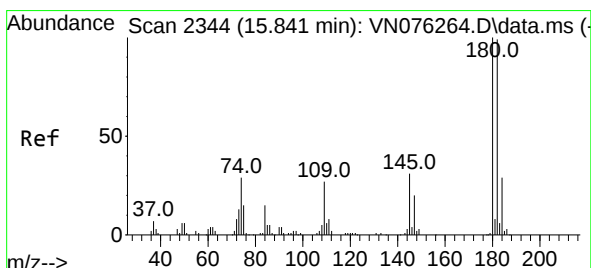
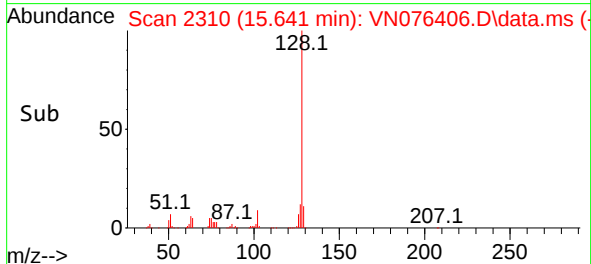
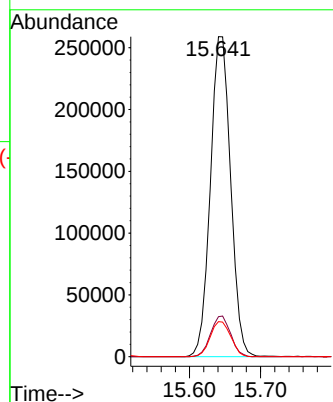
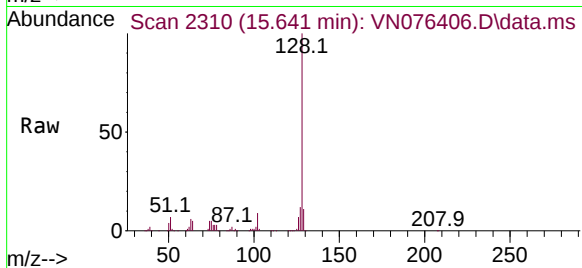
Tgt Ion:128 Resp: 511914

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 43.129 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076406.D

Acq: 25 Jan 2023 16:58

Tgt Ion:180 Resp: 172107

Ion Ratio Lower Upper

180 100

182 93.2 47.5 142.5

145 32.8 15.9 47.6

