

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078469.D
 Acq On : 19 Feb 2024 17:46
 Operator : RP/MD
 Sample : P1509-09MS
 Misc : 5.03G/8ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

Quant Time: Feb 19 23:49:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	45028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	82802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	83952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44677	91.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.520%#	
35) Dibromofluoromethane	7.804	113	38831	73.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.660%#	
50) Toluene-d8	10.269	98	130379	61.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 123.940%	
62) 4-Bromofluorobenzene	12.569	95	39066	63.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 127.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	20602	46.437	ug/l	95
3) Chloromethane	2.152	50	49667	60.916	ug/l	98
4) Vinyl Chloride	2.281	62	63832	51.306	ug/l	97
5) Bromomethane	2.687	94	43817	51.023	ug/l	99
6) Chloroethane	2.834	64	49509	54.572	ug/l	98
7) Trichlorofluoromethane	3.163	101	38837	46.275	ug/l	99
8) Diethyl Ether	3.593	74	18998	78.590	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	24697	46.646	ug/l	94
10) Methyl Iodide	4.169	142	25175	53.088	ug/l	93
11) Tert butyl alcohol	5.057	59	16021	615.402	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	23173	47.209	ug/l #	79
13) Acrolein	3.793	56	23500	522.479	ug/l	99
14) Allyl chloride	4.557	41	34402	56.731	ug/l #	91
15) Acrylonitrile	5.257	53	61373	593.071	ug/l	99
16) Acetone	4.022	43	45519	534.547	ug/l	96
17) Carbon Disulfide	4.275	76	74268	44.964	ug/l	99
18) Methyl Acetate	4.569	43	50058	129.798	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	95441	91.515	ug/l	99
20) Methylene Chloride	4.799	84	44228	82.181	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	32071	55.538	ug/l	93
22) Diisopropyl ether	6.216	45	97149	72.687	ug/l	95
23) Vinyl Acetate	6.157	43	250876	470.338	ug/l	94
24) 1,1-Dichloroethane	6.116	63	56771	59.960	ug/l	94
25) 2-Butanone	7.081	43	67988	571.348	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	40367	50.858	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	38139	60.198	ug/l	93
28) Bromochloromethane	7.428	49	30251	80.667	ug/l	85
29) Tetrahydrofuran	7.446	42	44266	611.372	ug/l	96
30) Chloroform	7.593	83	65995	65.879	ug/l	95
31) Cyclohexane	7.875	56	34197	41.522	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	45048	52.743	ug/l	98
36) 1,1-Dichloropropene	8.010	75	37552	45.958	ug/l	99
37) Ethyl Acetate	7.175	43	30074	104.997	ug/l	95
38) Carbon Tetrachloride	7.993	117	38155	47.152	ug/l	99
39) Methylcyclohexane	9.275	83	39749	40.978	ug/l	97
40) Benzene	8.251	78	130705	55.342	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	11960	80.233	ug/l #	64
42) 1,2-Dichloroethane	8.328	62	48640	79.594	ug/l	96
43) Isopropyl Acetate	8.363	43	54398	102.562	ug/l	90
44) Trichloroethene	9.028	130	31155	51.708	ug/l	91
45) 1,2-Dichloropropane	9.298	63	38434	66.327	ug/l	96
46) Dibromomethane	9.392	93	27496	84.361	ug/l	93
47) Bromodichloromethane	9.587	83	54669	67.720	ug/l	98
48) Methyl methacrylate	9.381	41	30013	106.659	ug/l	83
49) 1,4-Dioxane	9.387	88	6924	1961.635	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	156207	554.901	ug/l	94
52) Toluene	10.334	92	82014	54.913	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	54969	74.623	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	60196	67.393	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	38319	87.301	ug/l	93
56) Ethyl methacrylate	10.598	69	33685	82.979	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	61851	82.838	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	101746	425.503	ug/l	96
59) 2-Hexanone	10.922	43	108216	511.529	ug/l	90
60) Dibromochloromethane	11.075	129	43491	82.352	ug/l	94
61) 1,2-Dibromoethane	11.181	107	37946	92.086	ug/l	97
64) Tetrachloroethene	10.810	164	23927	45.123	ug/l	94
65) Chlorobenzene	11.604	112	90001	53.326	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	37498	60.456	ug/l	99
67) Ethyl Benzene	11.681	91	140752	46.544	ug/l	99
68) m/p-Xylenes	11.792	106	114442	97.020	ug/l	93
69) o-Xylene	12.122	106	54550	50.676	ug/l	91
70) Styrene	12.134	104	81339	46.299	ug/l	95
71) Bromoform	12.298	173	27660	84.727	ug/l #	97
73) Isopropylbenzene	12.422	105	134958	47.351	ug/l	95
74) N-amyl acetate	12.233	43	45417	84.231	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	51131	90.438	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	57601	159.850	ug/l #	100
77) Bromobenzene	12.698	156	38743	57.841	ug/l	81
78) n-propylbenzene	12.763	91	161742	45.538	ug/l	96
79) 2-Chlorotoluene	12.845	91	93465	49.131	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	112376	47.483	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	15461	89.074	ug/l	95
82) 4-Chlorotoluene	12.945	91	101035	49.451	ug/l	96
83) tert-Butylbenzene	13.163	119	90174	45.179	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	116735	48.601	ug/l	97
85) sec-Butylbenzene	13.345	105	131879	42.605	ug/l	95
86) p-Isopropyltoluene	13.457	119	115408	43.773	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	72879	50.978	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	70531	50.211	ug/l	95
89) n-Butylbenzene	13.786	91	102902	40.493	ug/l	99
90) Hexachloroethane	14.051	117	27041	49.902	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	68279	56.876	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7324	98.934	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	36588	51.859	ug/l	97
94) Hexachlorobutadiene	15.198	225	15736	42.731	ug/l	98
95) Naphthalene	15.333	128	101418	77.502	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	35051	58.620	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

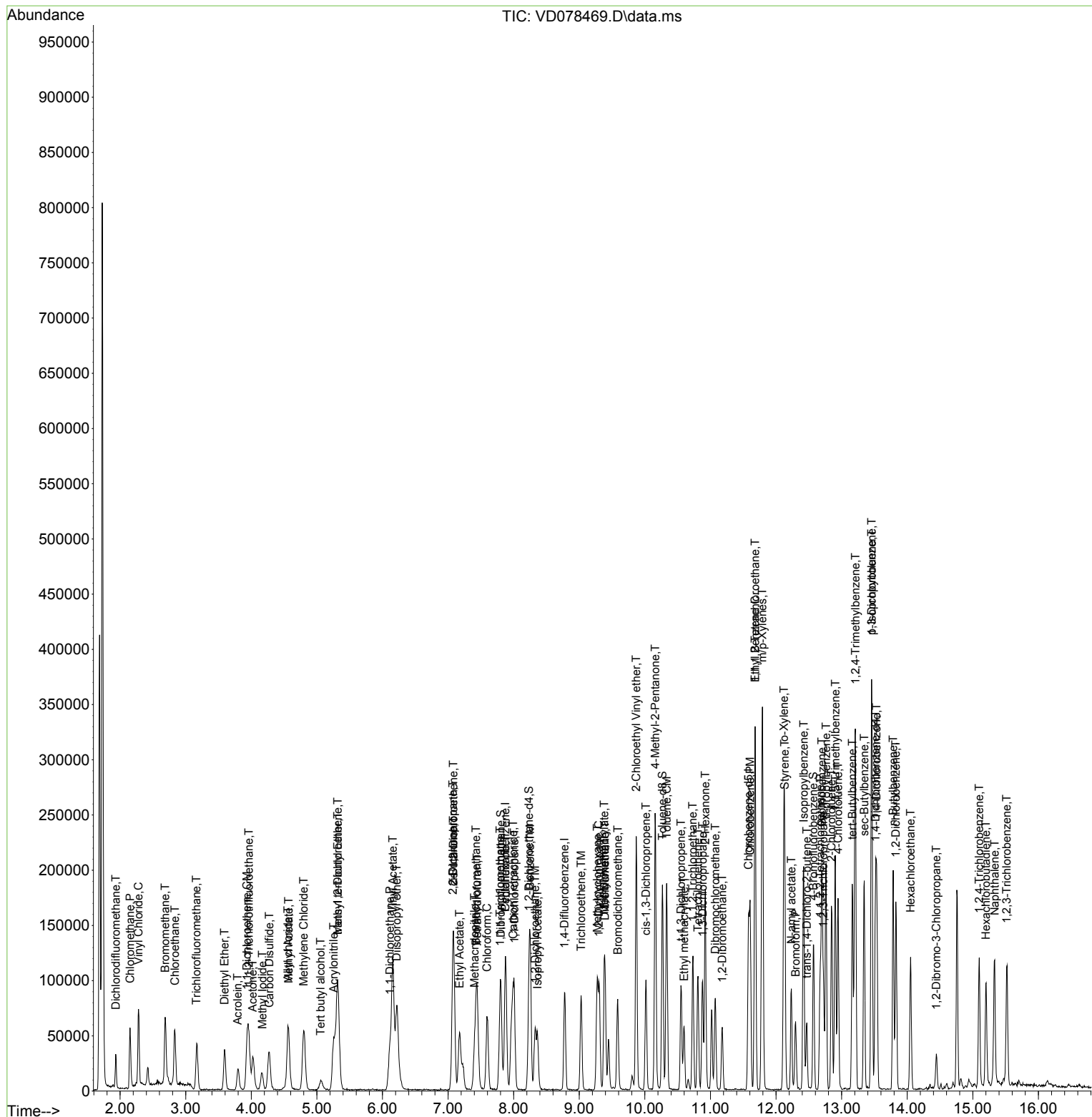
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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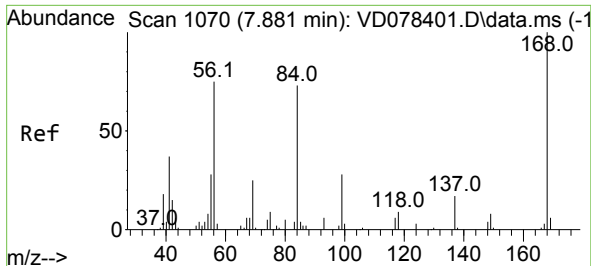
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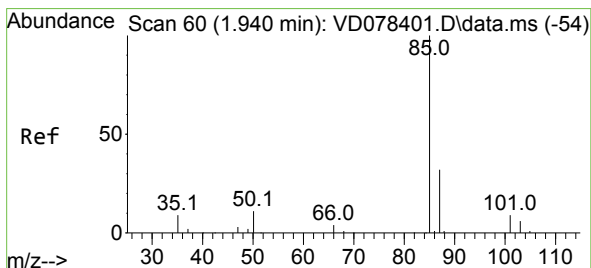
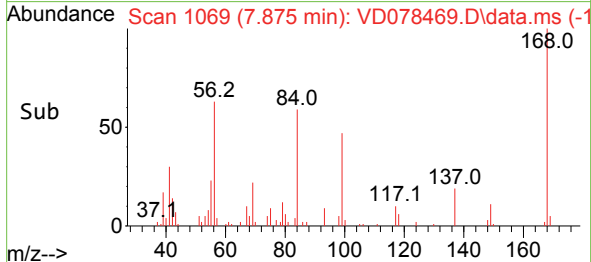
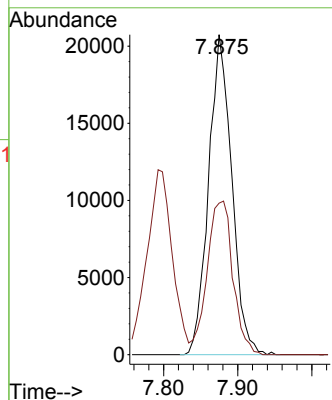
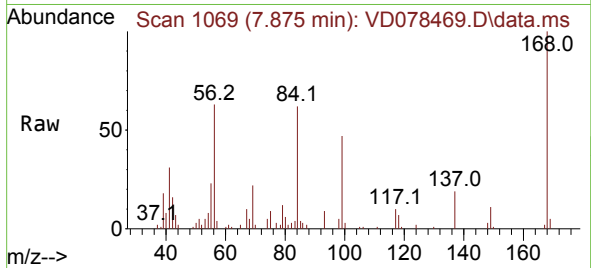




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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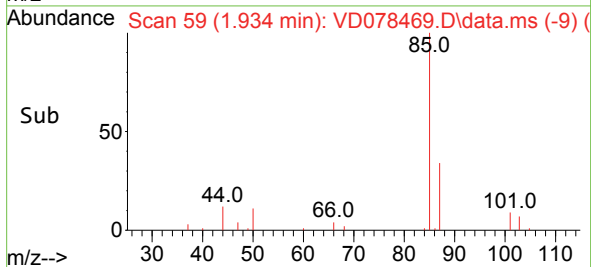
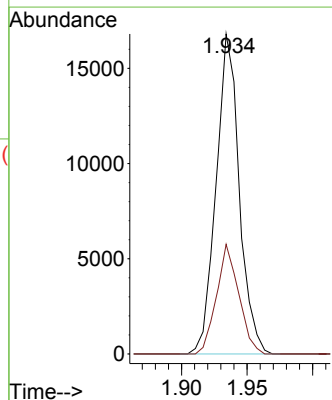
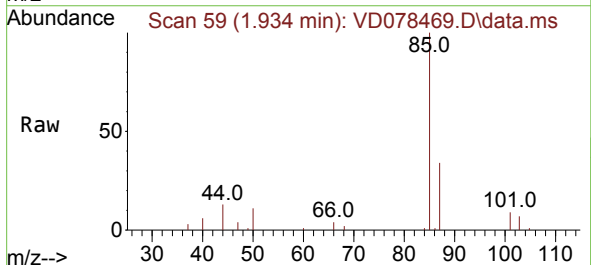
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

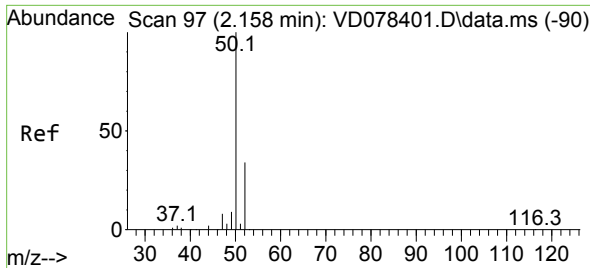
Tgt Ion:168 Resp: 45028
Ion Ratio Lower Upper
168 100
99 47.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 46.437 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 85 Resp: 20602
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.0

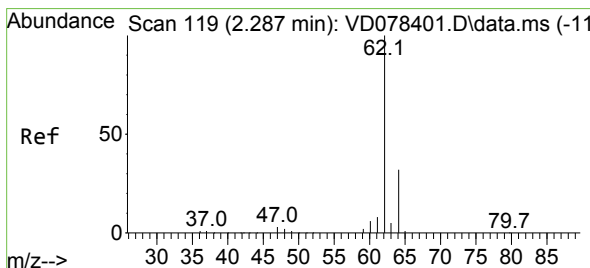
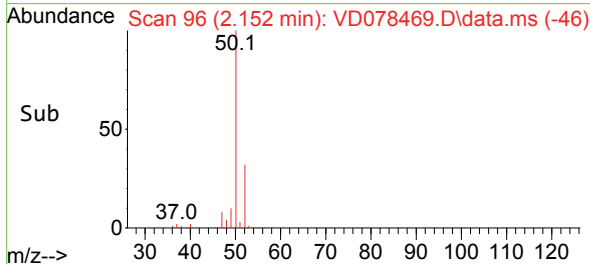
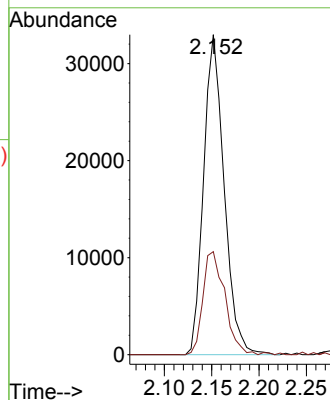
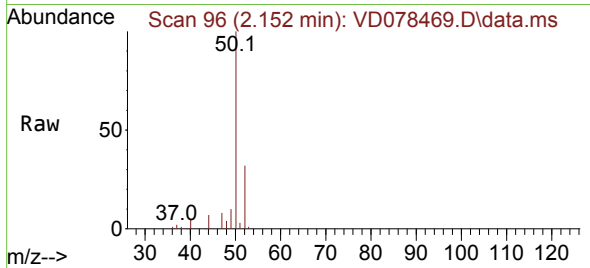




#3
Chloromethane
Concen: 60.916 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078469.D
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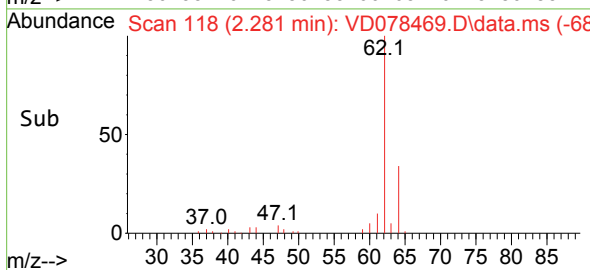
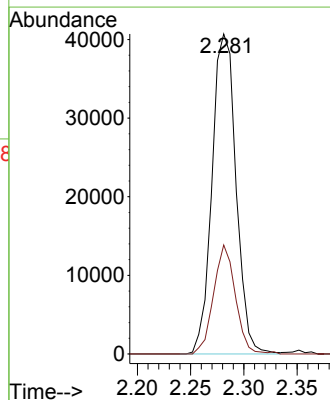
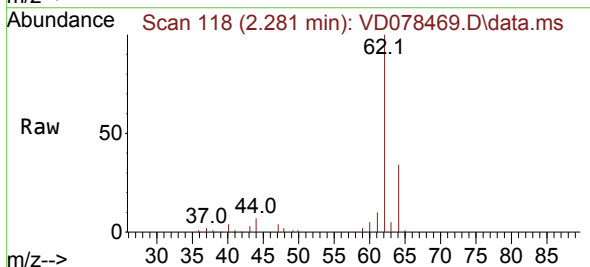
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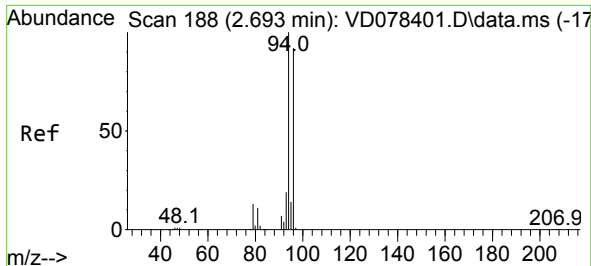
Tgt Ion: 50 Resp: 49667
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 51.306 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 62 Resp: 63832
Ion Ratio Lower Upper
62 100
64 34.1 26.0 39.0

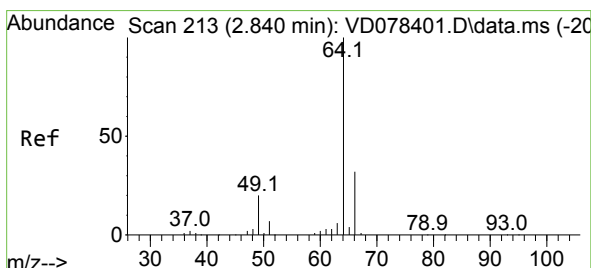
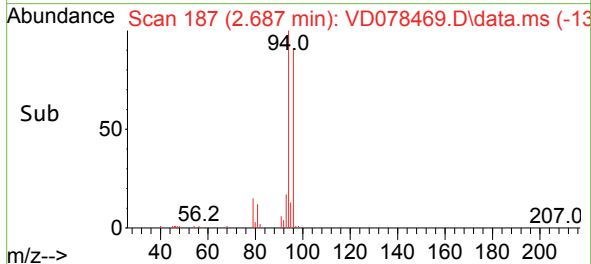
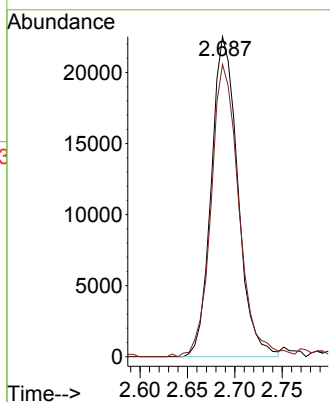
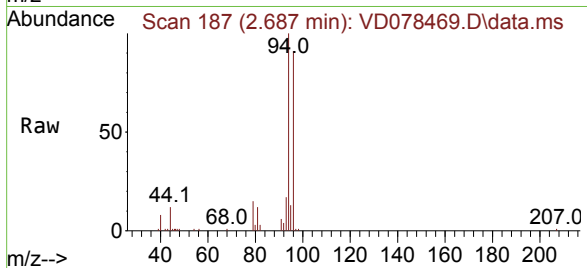




#5
Bromomethane
Concen: 51.023 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078469.D
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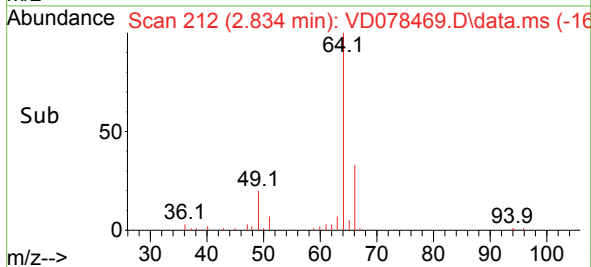
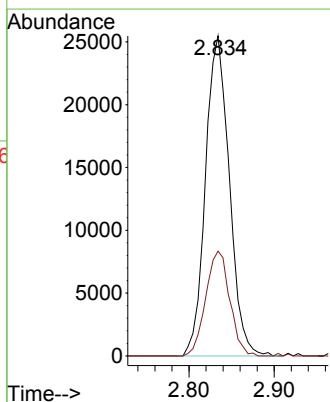
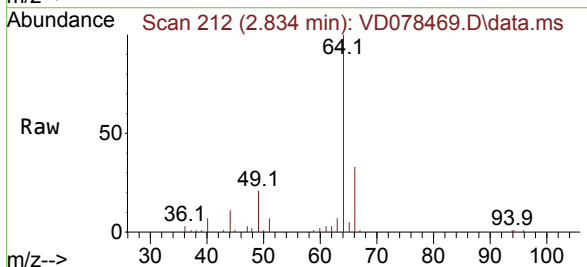
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Tgt Ion: 94 Resp: 43817
Ion Ratio Lower Upper
94 100
96 95.8 75.8 113.8



#6
Chloroethane
Concen: 54.572 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 64 Resp: 49509
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3

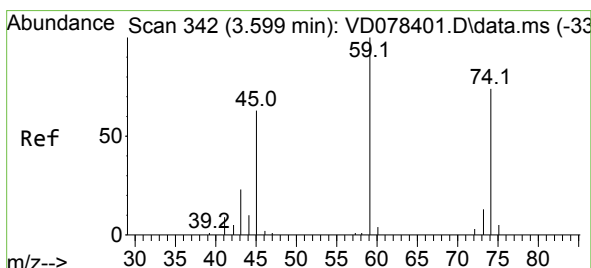
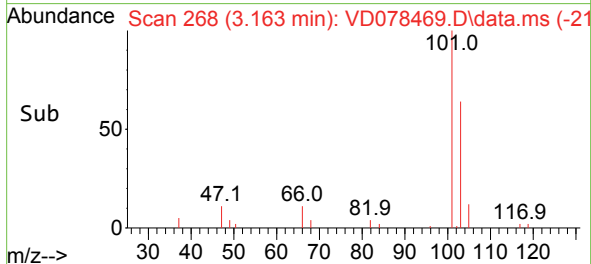
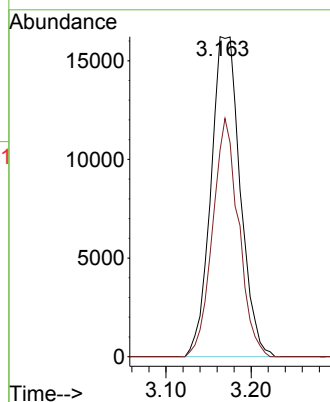
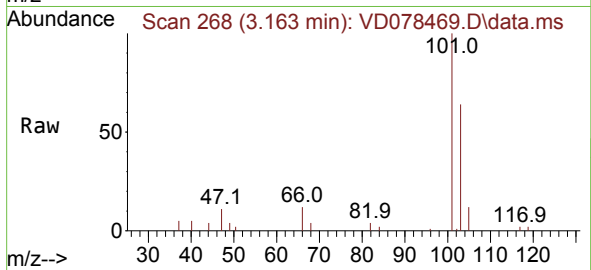




#7
 Trichlorofluoromethane
 Concen: 46.275 ug/l
 RT: 3.163 min Scan# 210
 Delta R.T. -0.012 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

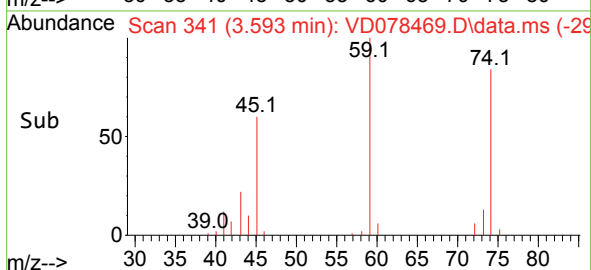
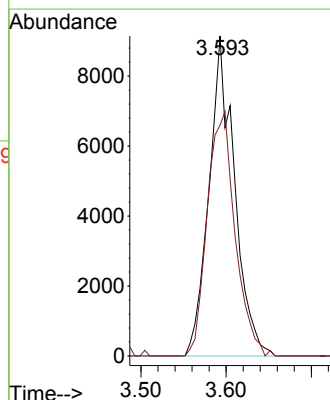
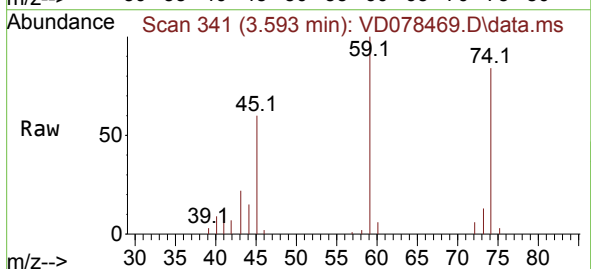
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Tgt Ion:101 Resp: 38837
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 78.590 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

Tgt Ion: 74 Resp: 18998
 Ion Ratio Lower Upper
 74 100
 45 83.6 37.5 112.7

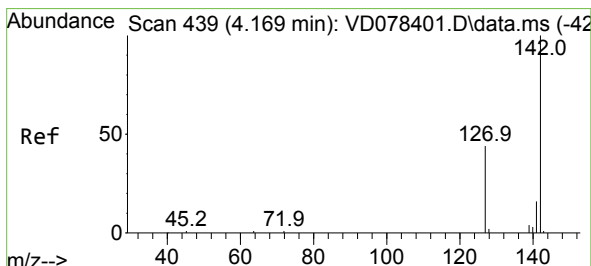
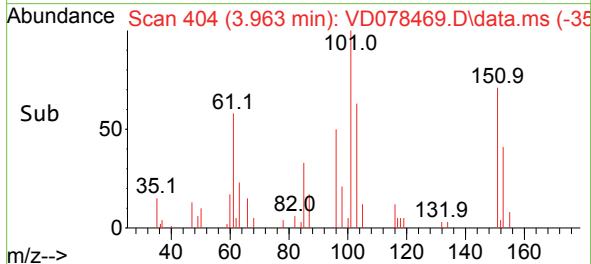
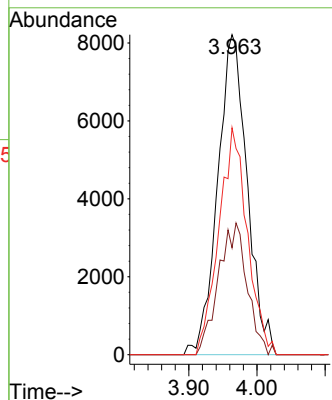
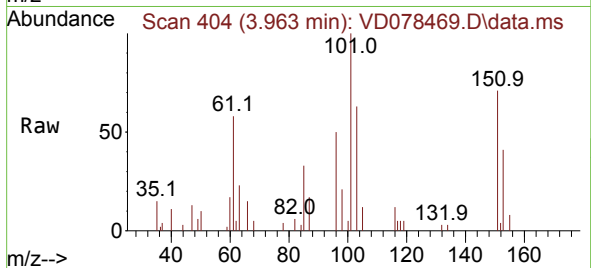




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.646 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

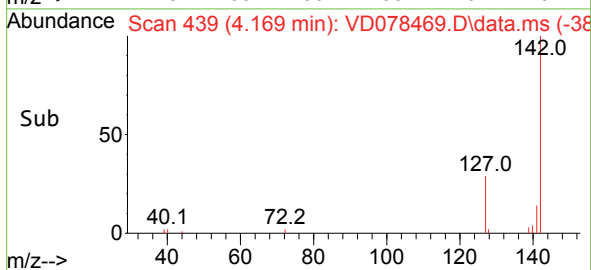
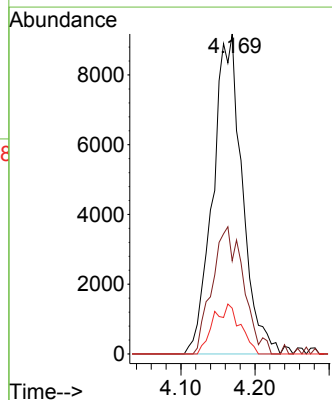
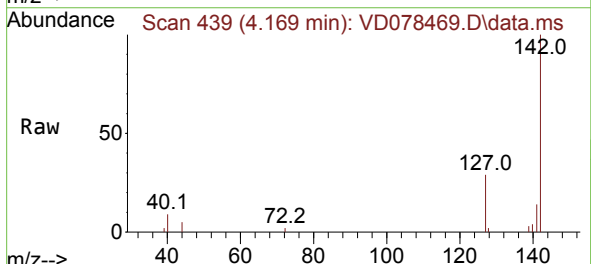
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

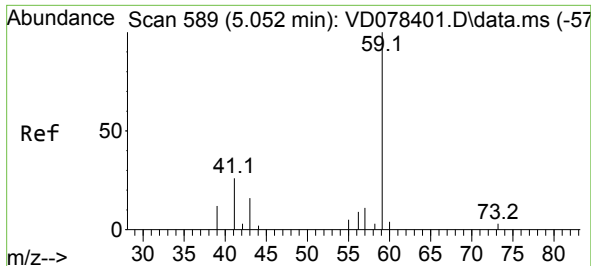
Tgt Ion:101 Resp: 24697
Ion Ratio Lower Upper
101 100
85 40.2 33.8 50.6
151 68.6 59.8 89.6



#10
Methyl Iodide
Concen: 53.088 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion:142 Resp: 25175
Ion Ratio Lower Upper
142 100
127 42.4 29.4 44.0
141 14.4 11.1 16.7

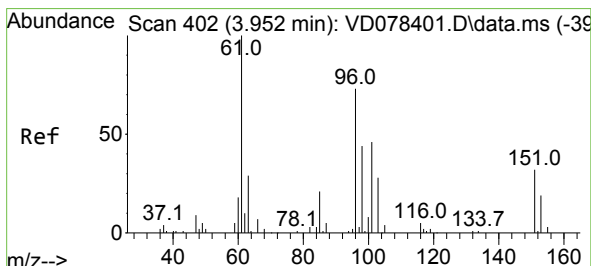
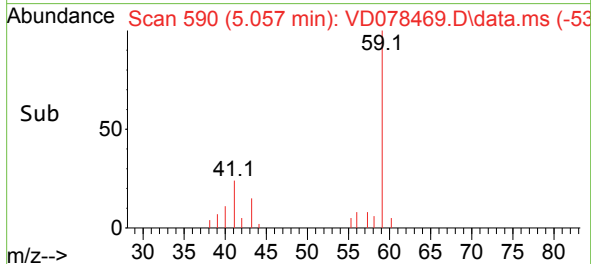
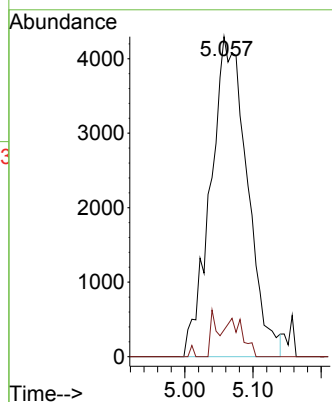
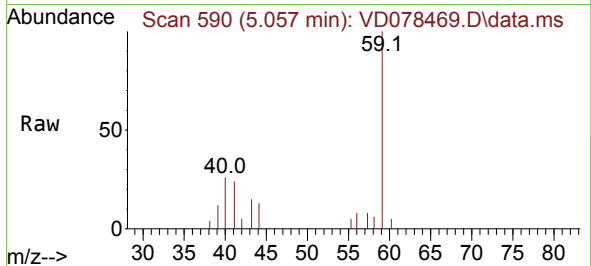




#11
Tert butyl alcohol
Concen: 615.402 ug/l
RT: 5.057 min Scan# 591
Delta R.T. 0.005 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

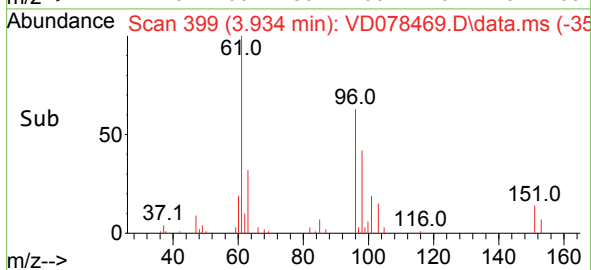
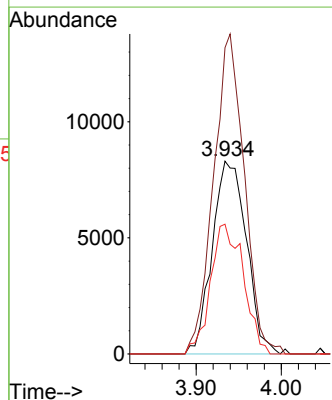
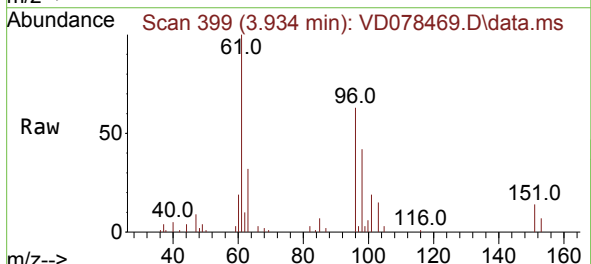
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

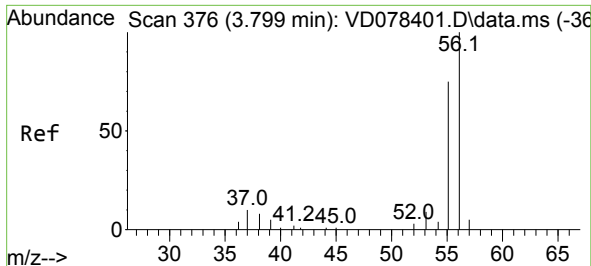
Tgt Ion: 59 Resp: 16021
Ion Ratio Lower Upper
59 100
57 5.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 47.209 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 96 Resp: 23173
Ion Ratio Lower Upper
96 100
61 158.8 100.6 150.8#
98 67.3 50.2 75.2





#13

Acrolein

Concen: 522.479 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078469.D

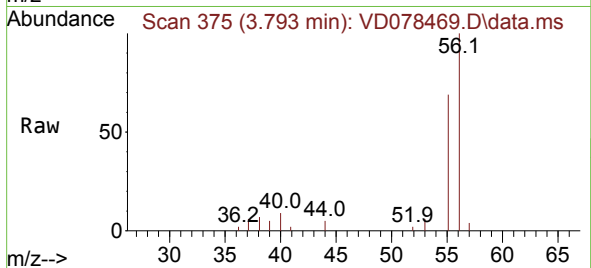
Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MS

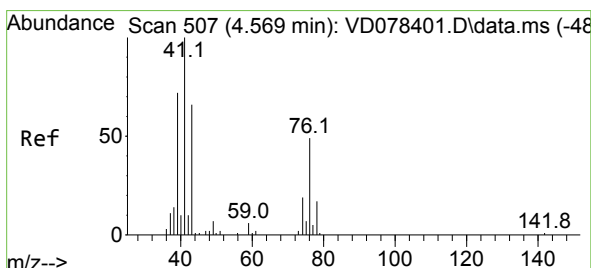
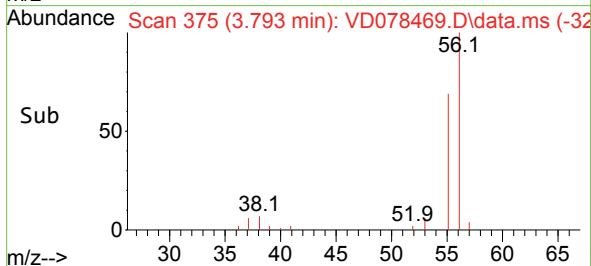
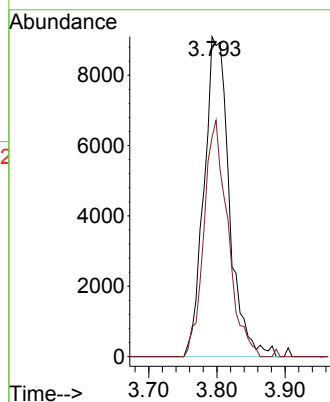


Tgt Ion: 56 Resp: 23500

Ion Ratio Lower Upper

56 100

55 69.8 55.1 82.7



#14

Allyl chloride

Concen: 56.731 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

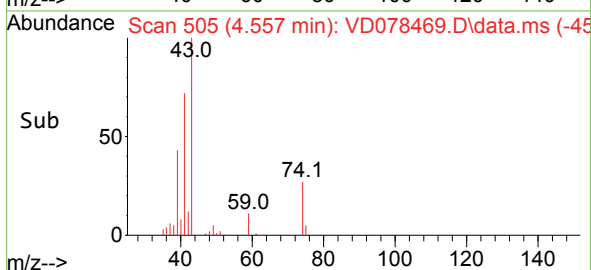
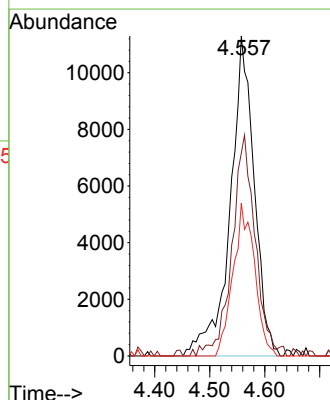
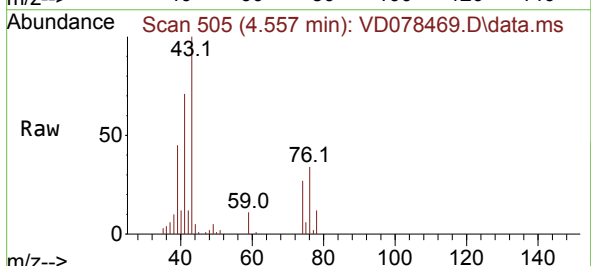
Tgt Ion: 41 Resp: 34402

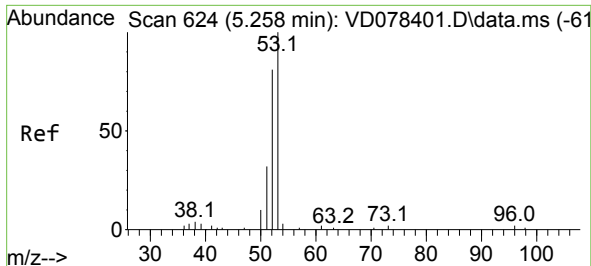
Ion Ratio Lower Upper

41 100

39 67.0 53.8 80.6

76 42.5 45.8 68.8#

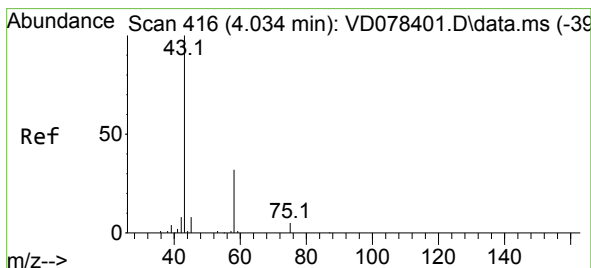
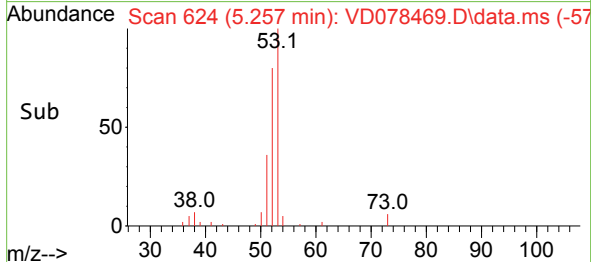
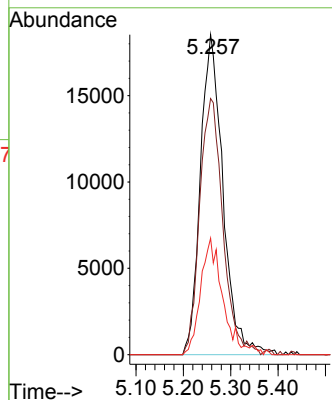
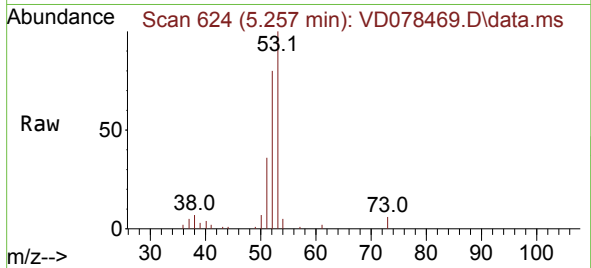




#15
Acrylonitrile
Concen: 593.071 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

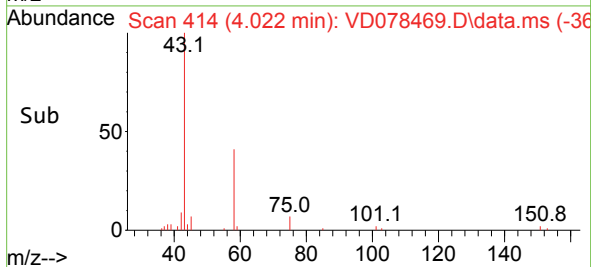
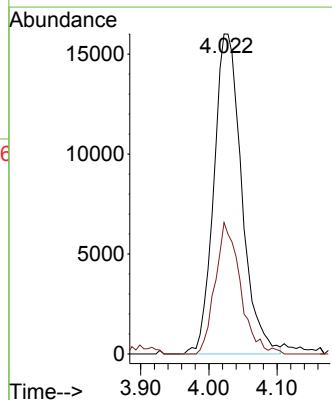
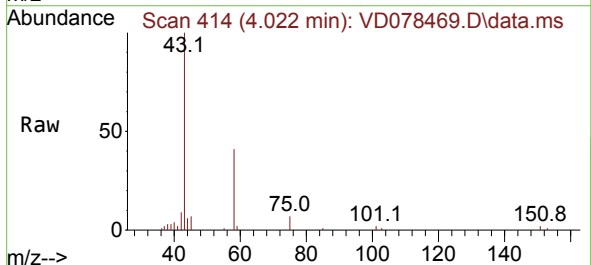
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

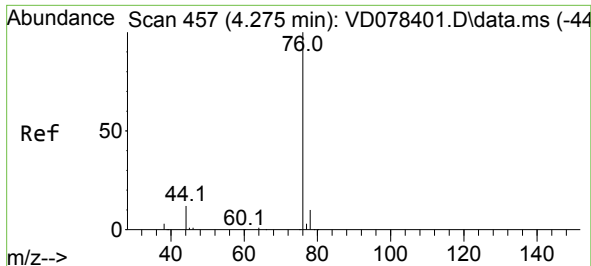
Tgt Ion: 53 Resp: 61373
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 35.2 28.3 42.5



#16
Acetone
Concen: 534.547 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 43 Resp: 45519
Ion Ratio Lower Upper
43 100
58 41.1 34.7 52.1

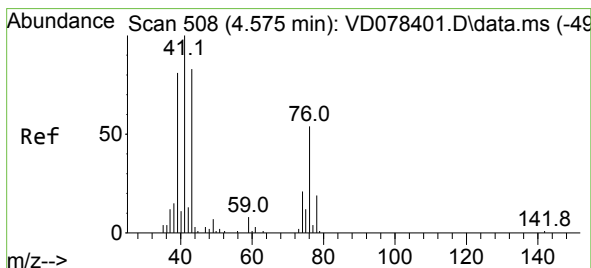
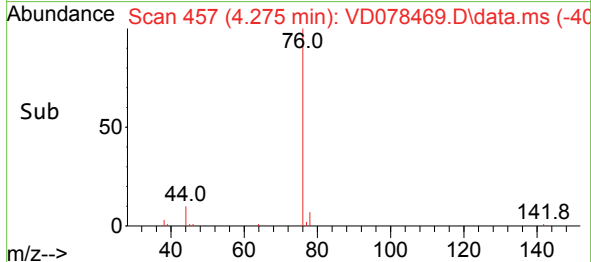
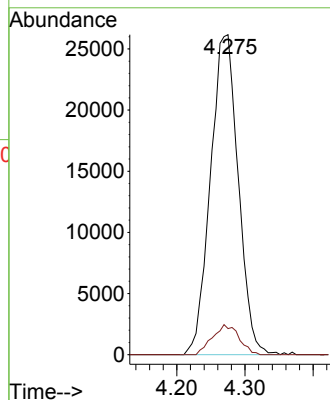
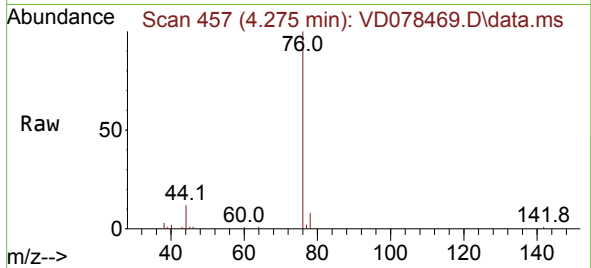




#17
Carbon Disulfide
Concen: 44.964 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

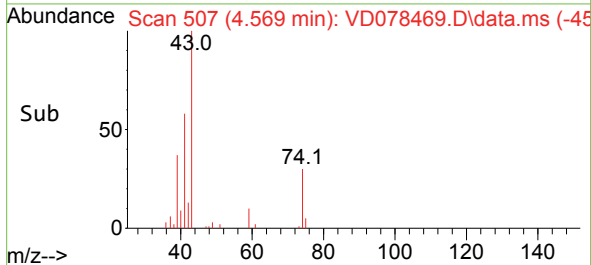
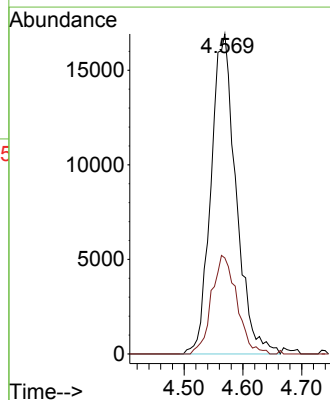
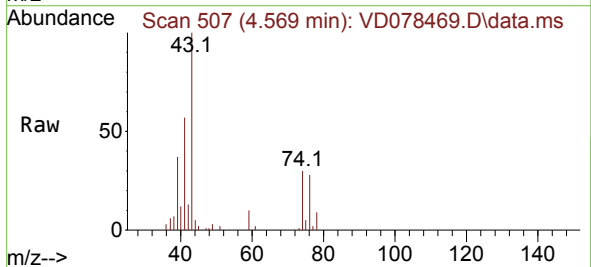
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

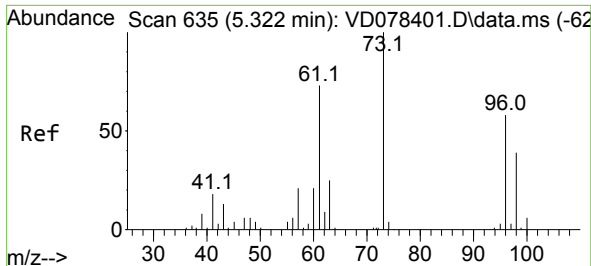
Tgt Ion: 76 Resp: 74268
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 129.798 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 43 Resp: 50058
Ion Ratio Lower Upper
43 100
74 31.1 26.4 39.6

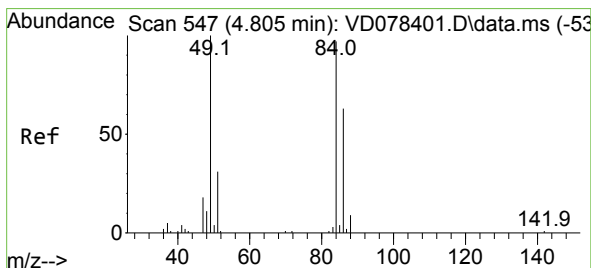
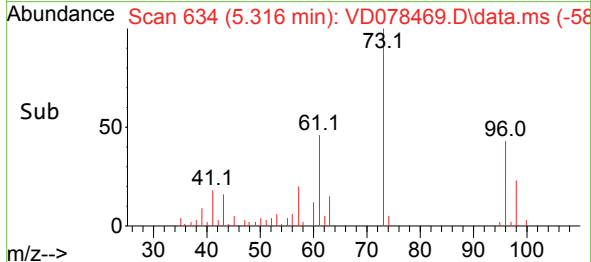
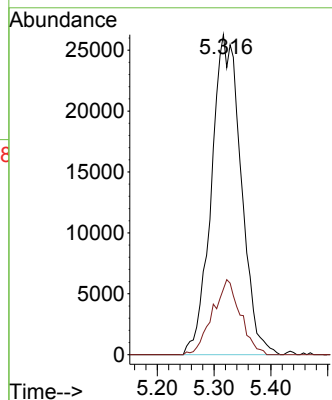
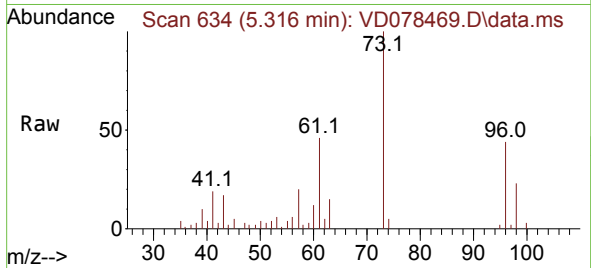




#19
Methyl tert-butyl Ether
Concen: 91.515 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

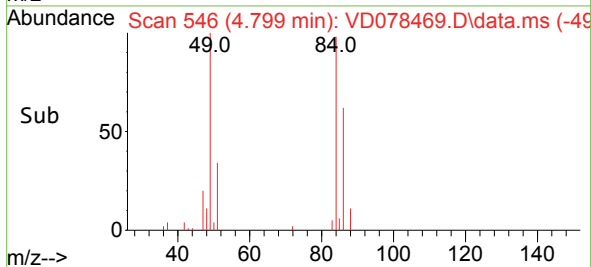
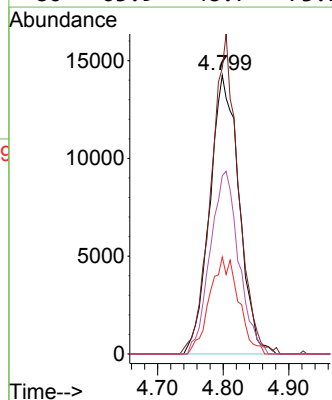
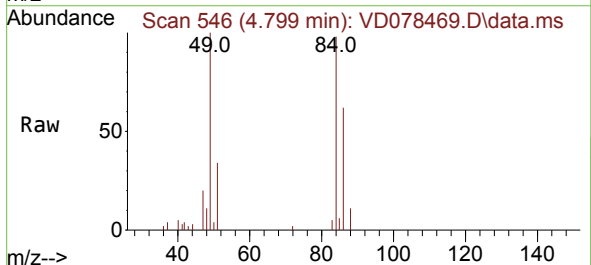
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

Tgt Ion: 73 Resp: 95441
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0



#20
Methylene Chloride
Concen: 82.181 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 84 Resp: 44228
Ion Ratio Lower Upper
84 100
49 102.5 71.4 107.2
51 34.8 24.5 36.7
86 63.9 48.7 73.1

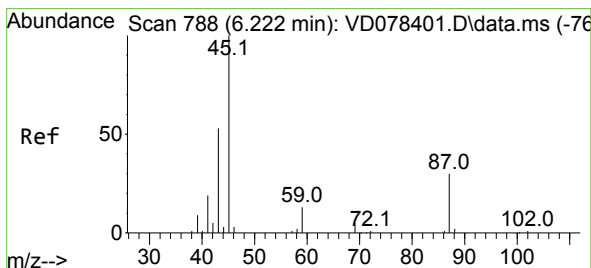
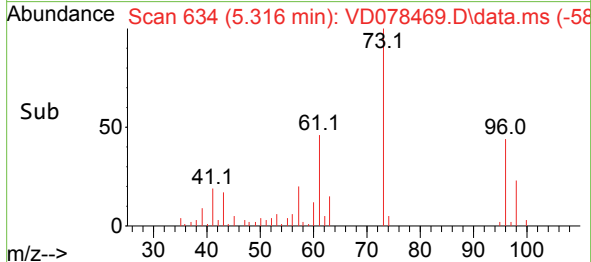
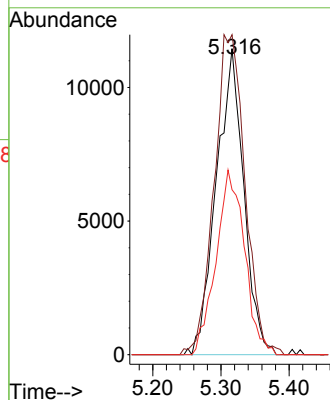
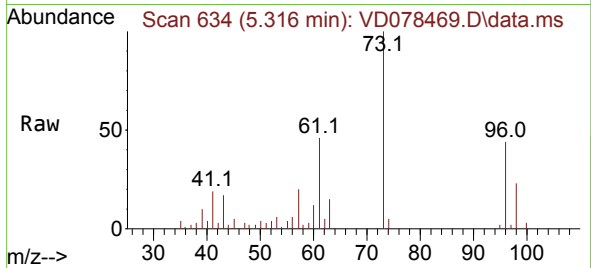




#21
trans-1,2-Dichloroethene
Concen: 55.538 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

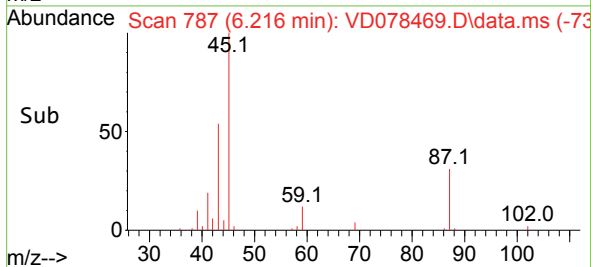
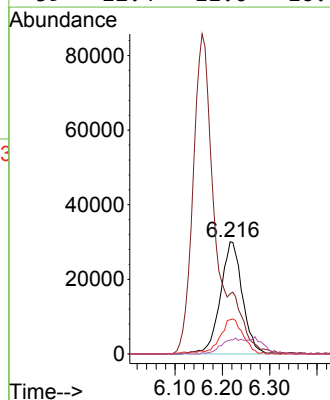
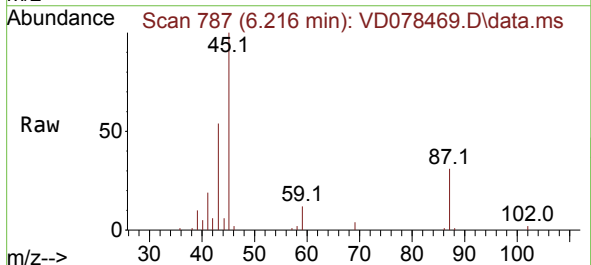
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

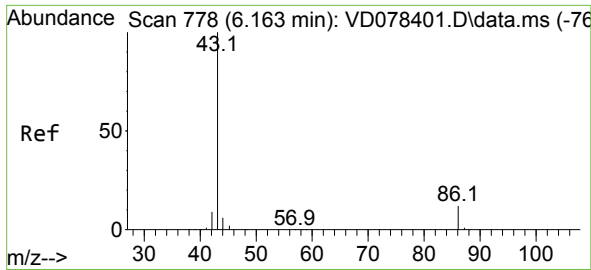
Tgt Ion: 96 Resp: 32071
Ion Ratio Lower Upper
96 100
61 104.5 89.3 133.9
98 53.9 48.6 73.0



#22
Diisopropyl ether
Concen: 72.687 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 45 Resp: 97149
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 30.6 28.2 42.4
59 12.4 11.0 16.4

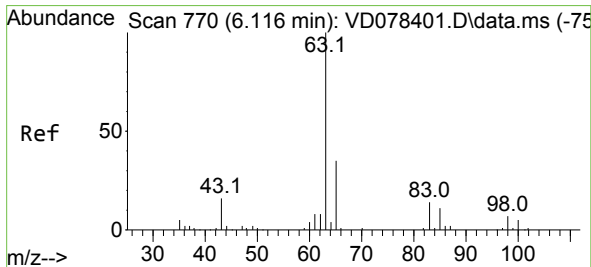
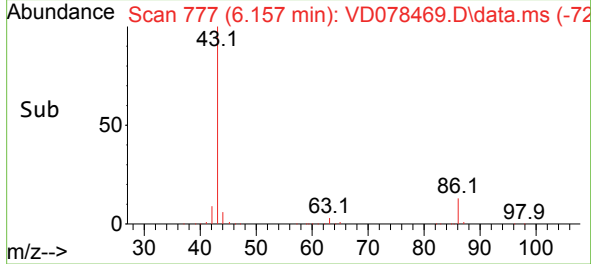
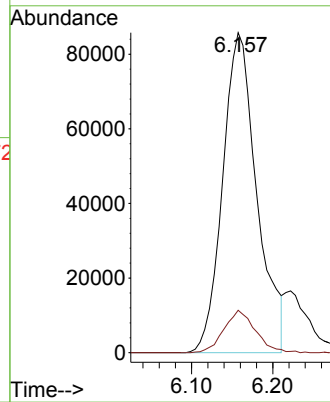
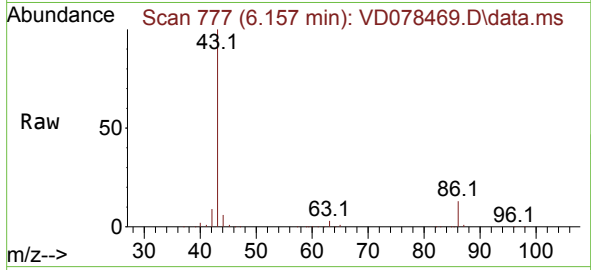




#23
 Vinyl Acetate
 Concen: 470.338 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

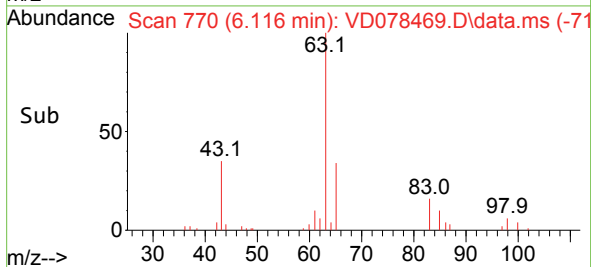
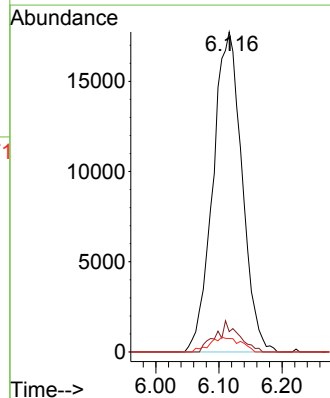
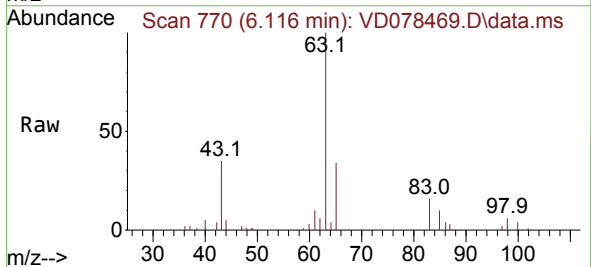
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

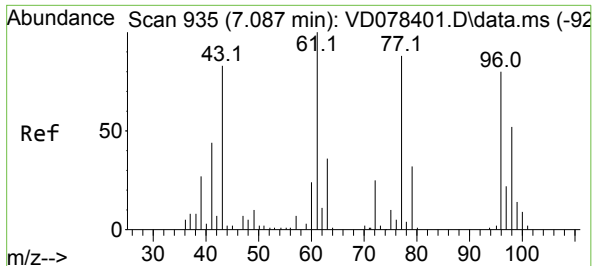
Tgt Ion: 43 Resp: 250876
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 59.960 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

Tgt Ion: 63 Resp: 56771
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 4.2 2.5 7.5

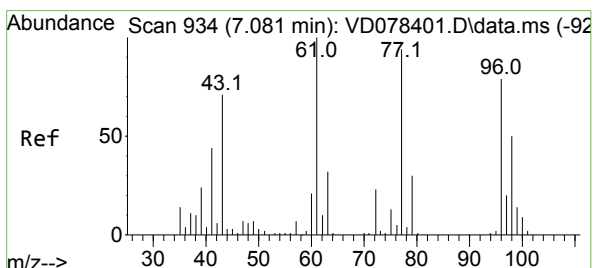
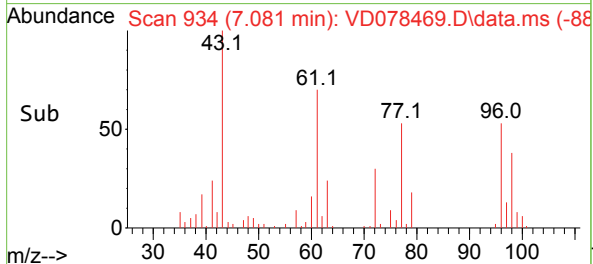
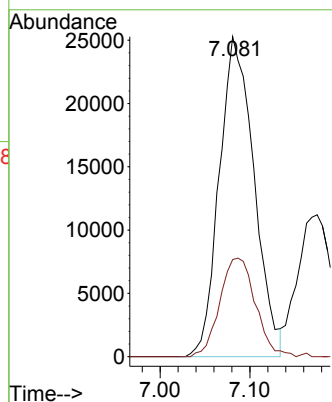
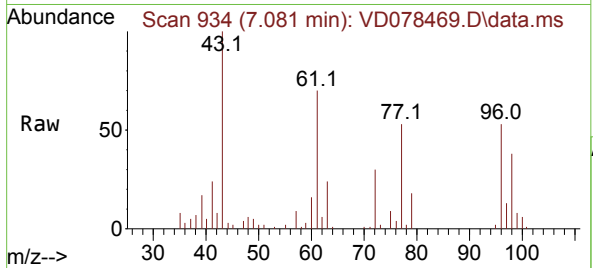




#25
2-Butanone
Concen: 571.348 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

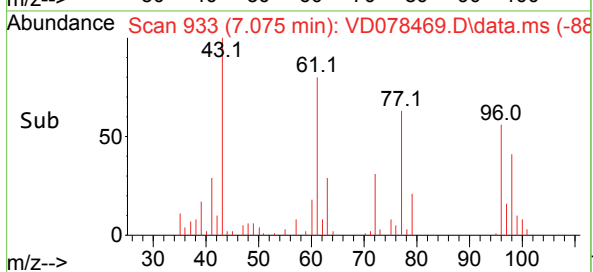
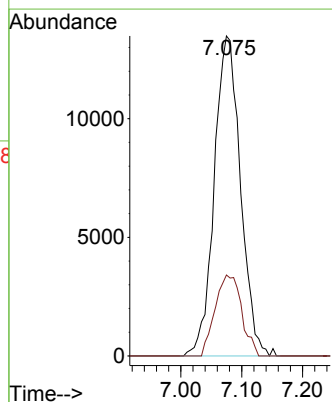
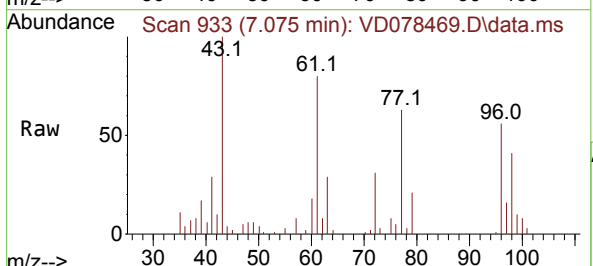
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

Tgt Ion: 43 Resp: 67988
Ion Ratio Lower Upper
43 100
72 30.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 50.858 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 77 Resp: 40367
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6

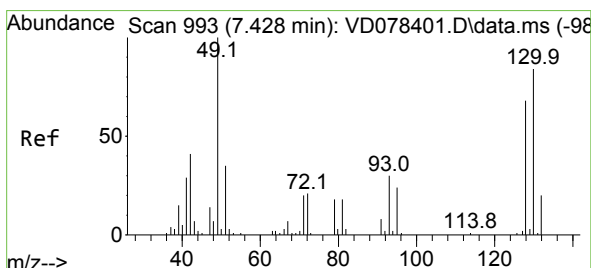
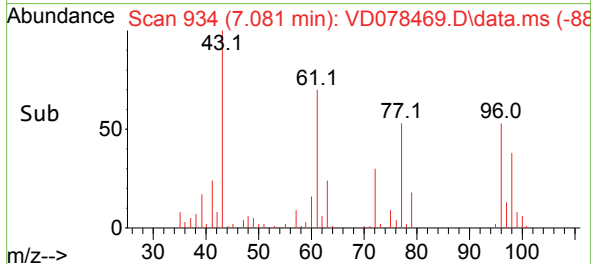
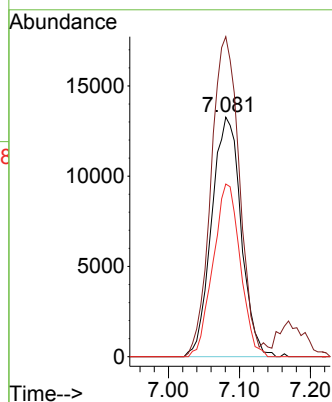
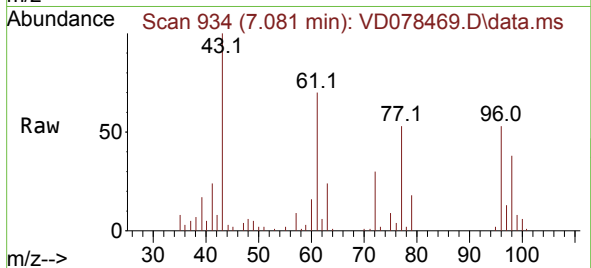




#27
 cis-1,2-Dichloroethene
 Concen: 60.198 ug/l
 RT: 7.081 min Scan# 913
 Delta R.T. -0.000 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

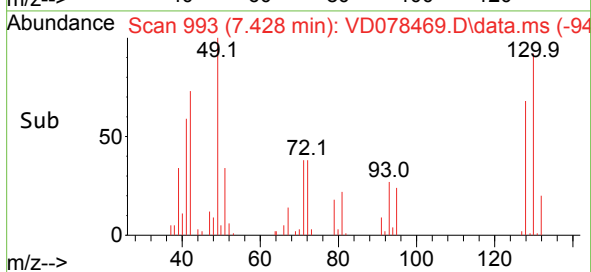
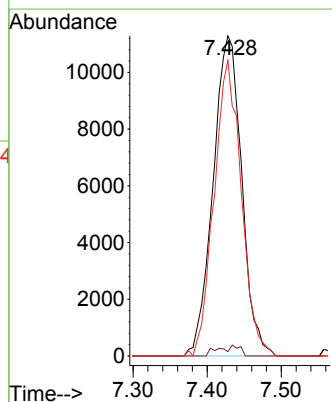
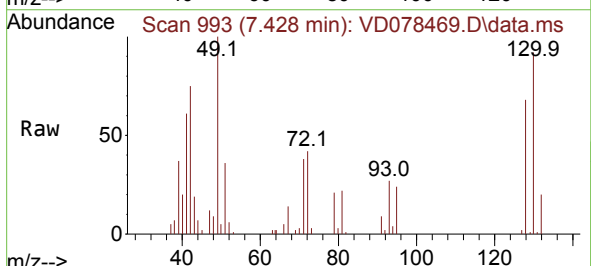
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

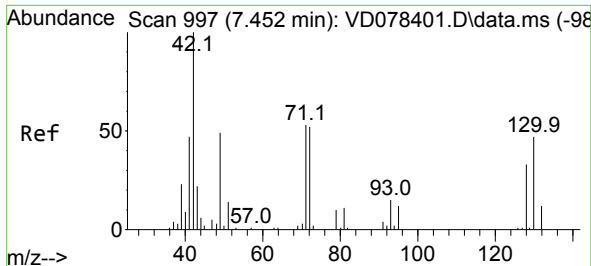
Tgt Ion: 96 Resp: 38139
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 239.2
 98 66.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 80.667 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

Tgt Ion: 49 Resp: 30251
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 6.0
 130 87.8 83.2 124.8





#29

Tetrahydrofuran

Concen: 611.372 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MS

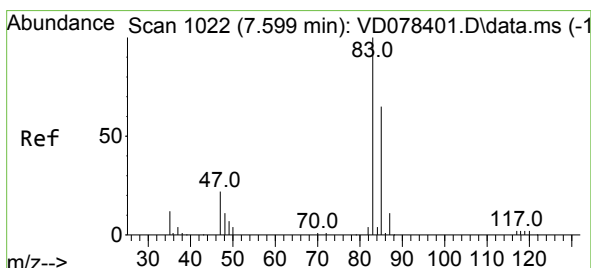
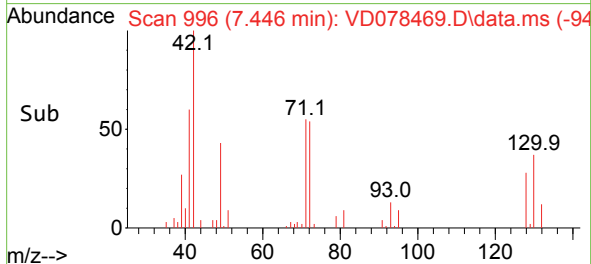
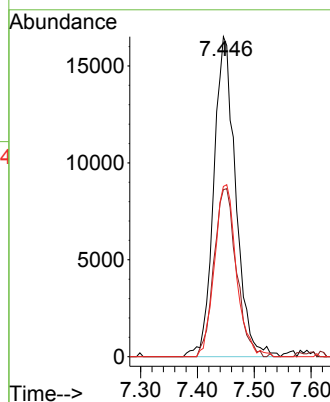
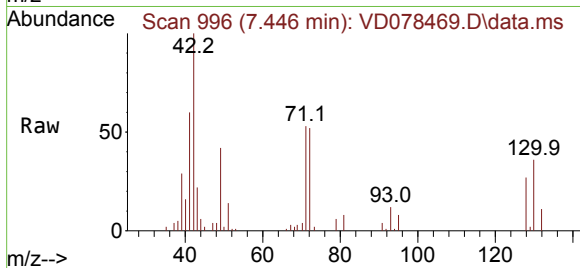
Tgt Ion: 42 Resp: 44266

Ion Ratio Lower Upper

42 100

72 53.9 46.5 69.7

71 53.7 44.5 66.7



#30

Chloroform

Concen: 65.879 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078469.D

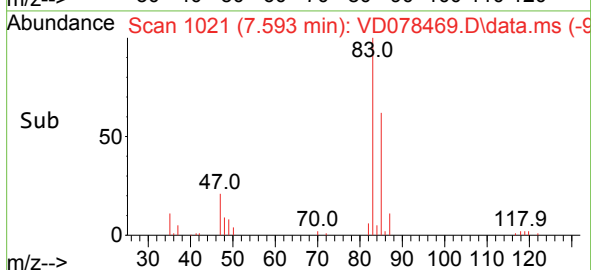
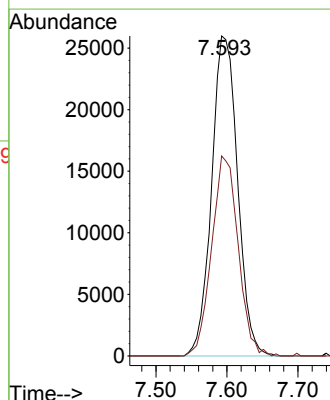
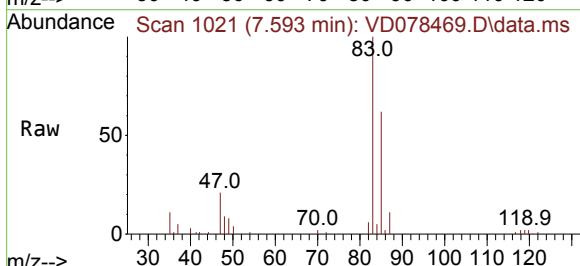
Acq: 19 Feb 2024 17:46

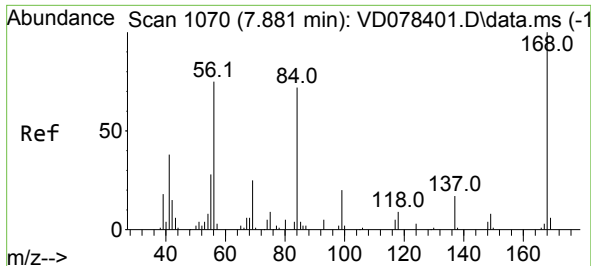
Tgt Ion: 83 Resp: 65995

Ion Ratio Lower Upper

83 100

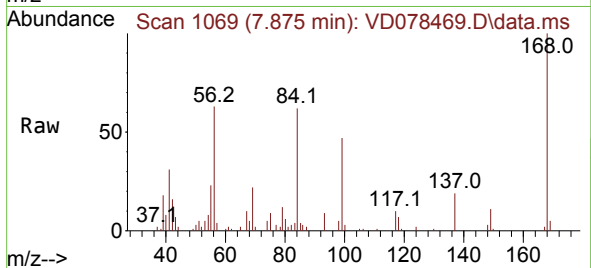
85 62.5 53.4 80.2



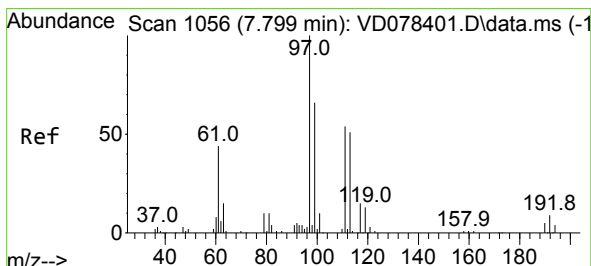
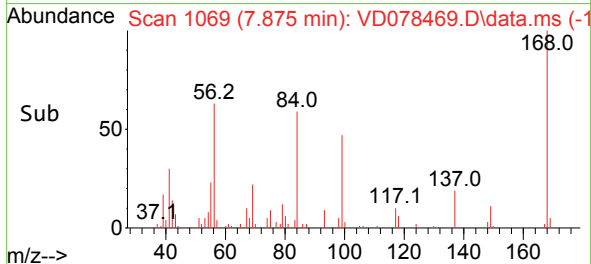
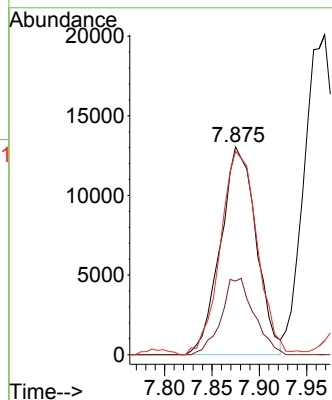


#31
Cyclohexane
Concen: 41.522 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

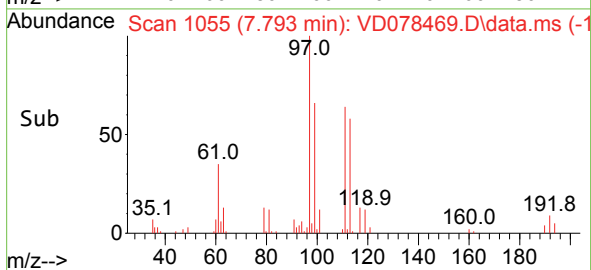
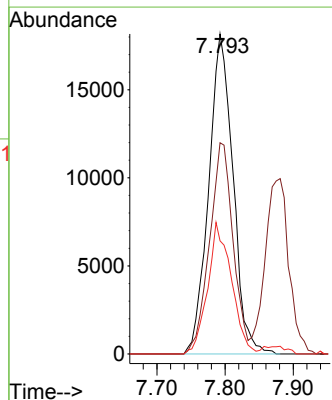
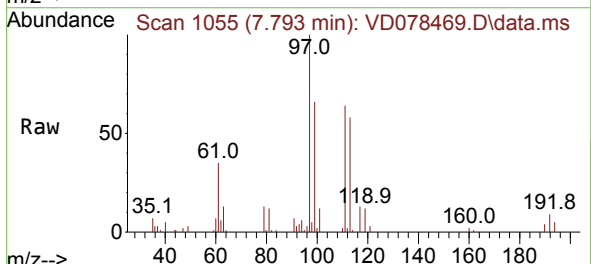


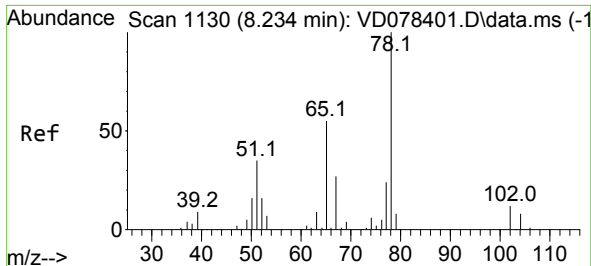
Tgt Ion: 56 Resp: 34197
Ion Ratio Lower Upper
56 100
69 35.4 28.6 43.0
84 97.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 52.743 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 97 Resp: 45048
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 40.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 91.765 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

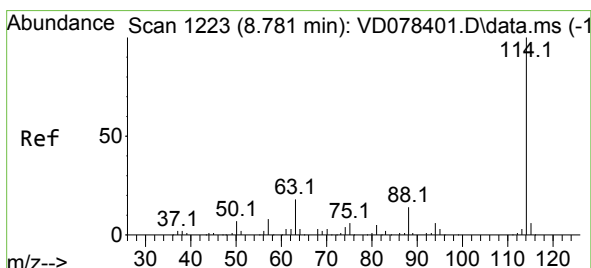
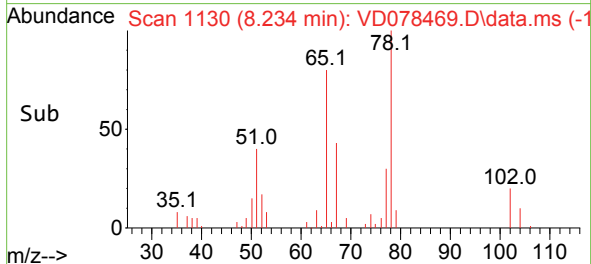
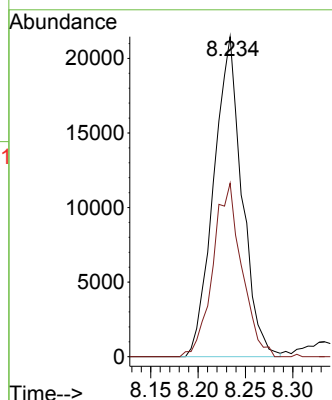
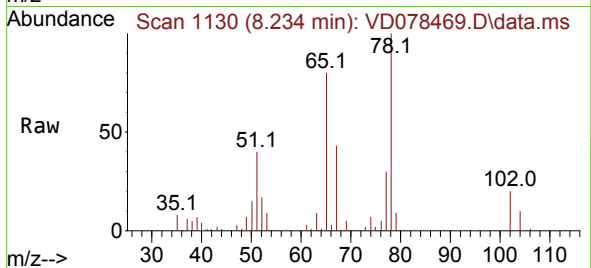
BP-VPB-191-GW-858-860MS

Tgt Ion: 65 Resp: 44677

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

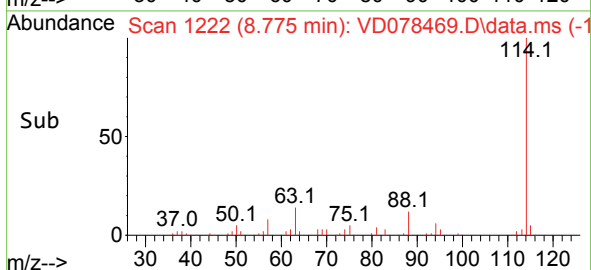
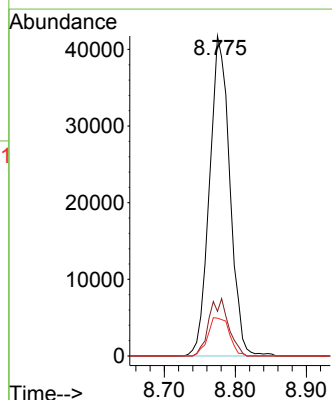
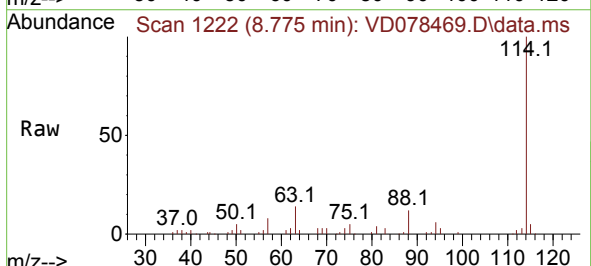
Tgt Ion: 114 Resp: 82802

Ion Ratio Lower Upper

114 100

63 13.9 0.0 33.4

88 11.8 0.0 26.2

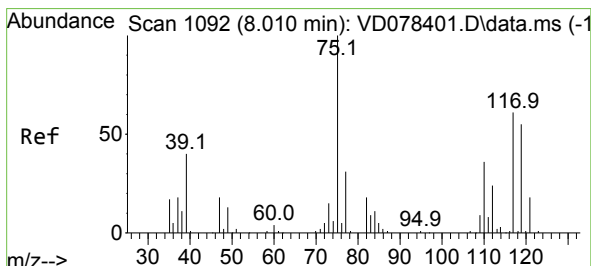
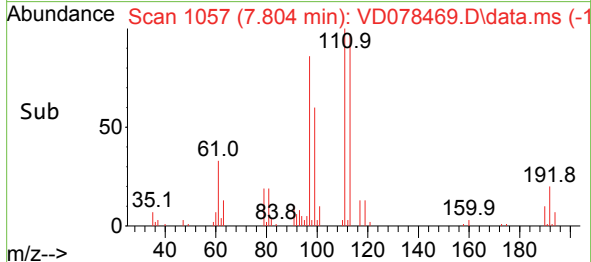
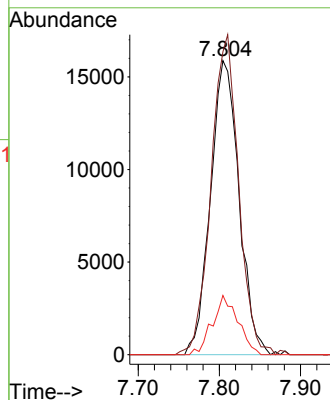
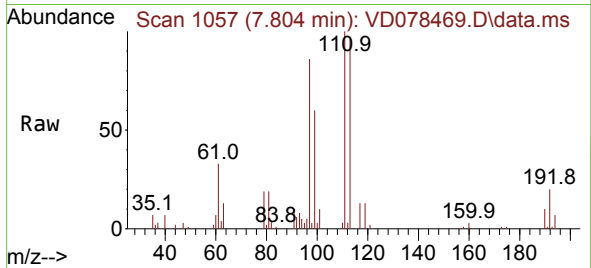




#35
Dibromofluoromethane
Concen: 73.827 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

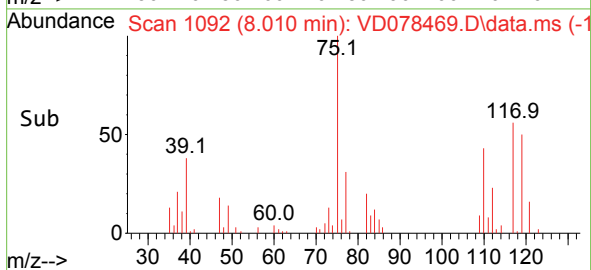
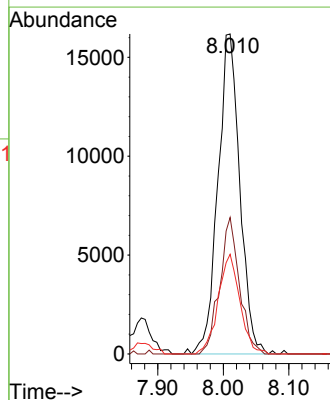
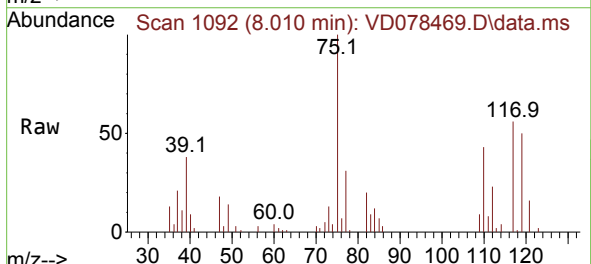
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

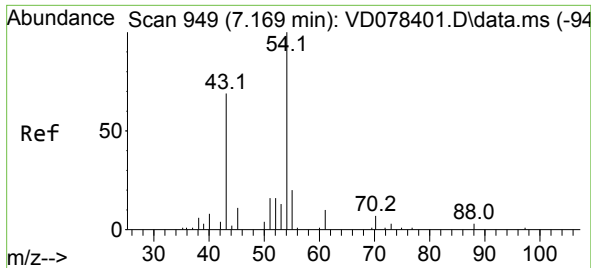
Tgt Ion:113 Resp: 38831
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 18.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 45.958 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 75 Resp: 37552
Ion Ratio Lower Upper
75 100
110 38.4 19.9 59.6
77 30.9 24.7 37.1

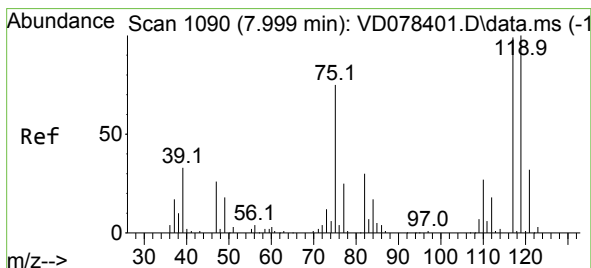
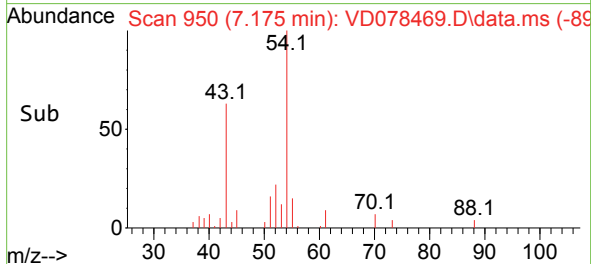
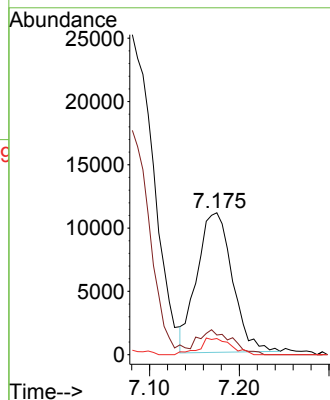
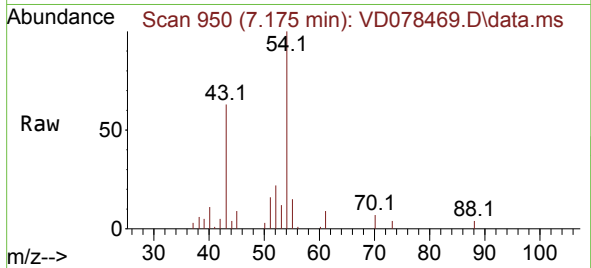




#37
Ethyl Acetate
Concen: 104.997 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

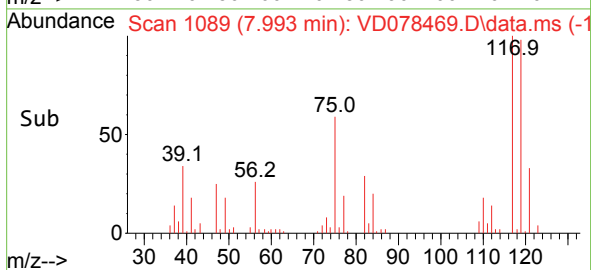
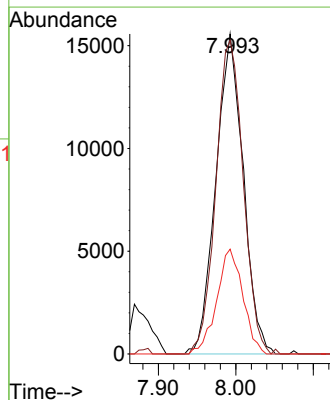
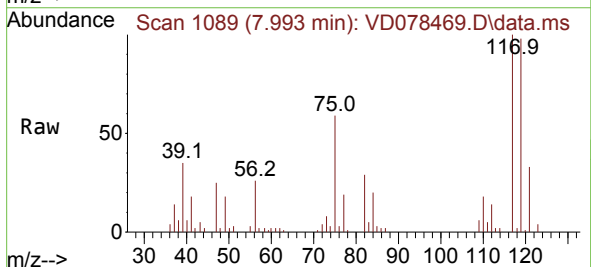
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

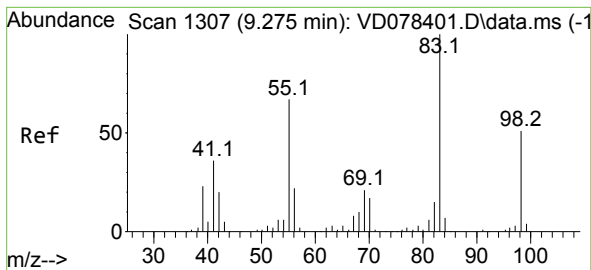
Tgt Ion: 43 Resp: 30074
Ion Ratio Lower Upper
43 100
61 16.4 14.9 22.3
70 10.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 47.152 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 117 Resp: 38155
Ion Ratio Lower Upper
117 100
119 98.0 78.0 117.0
121 32.8 24.2 36.2





#39

Methylcyclohexane

Concen: 40.978 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MS

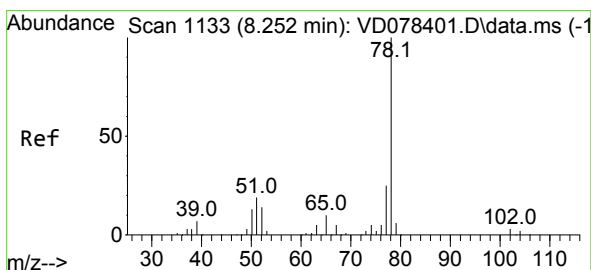
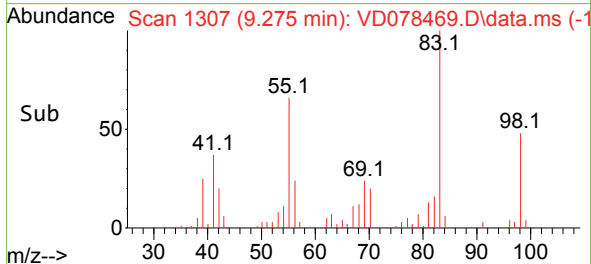
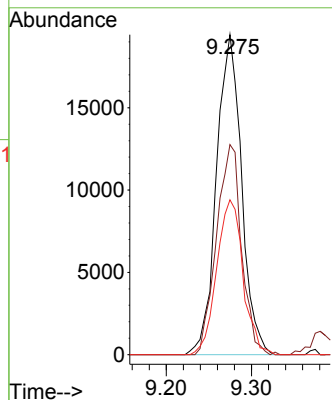
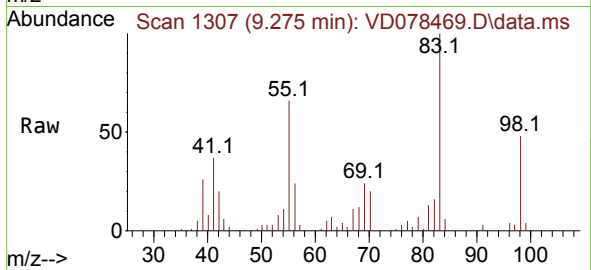
Tgt Ion: 83 Resp: 39749

Ion Ratio Lower Upper

83 100

55 65.7 49.4 74.0

98 48.4 38.4 57.6



#40

Benzene

Concen: 55.342 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078469.D

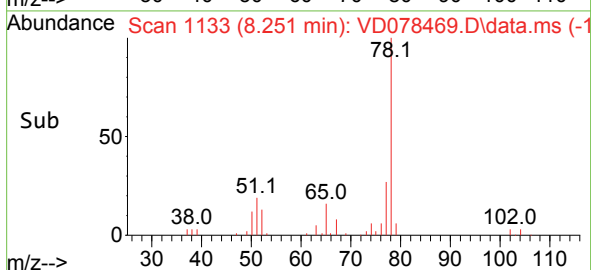
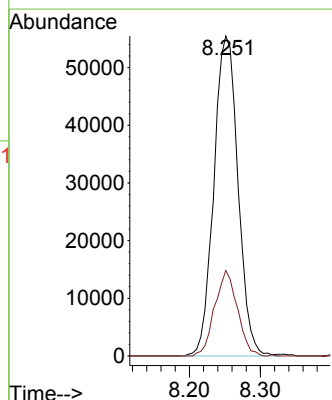
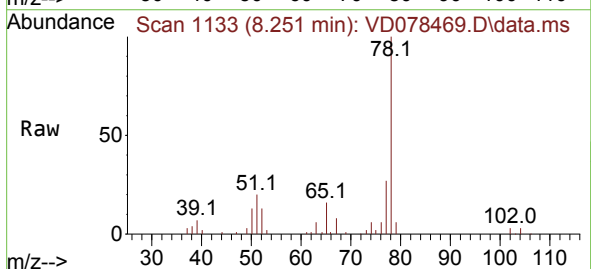
Acq: 19 Feb 2024 17:46

Tgt Ion: 78 Resp: 130705

Ion Ratio Lower Upper

78 100

77 26.7 19.4 29.0

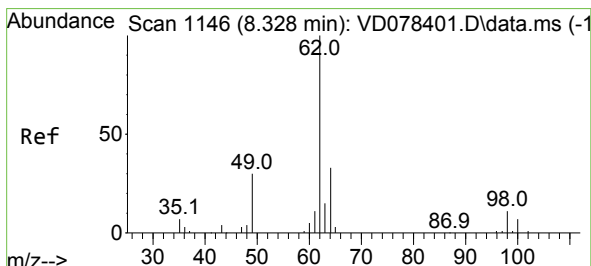
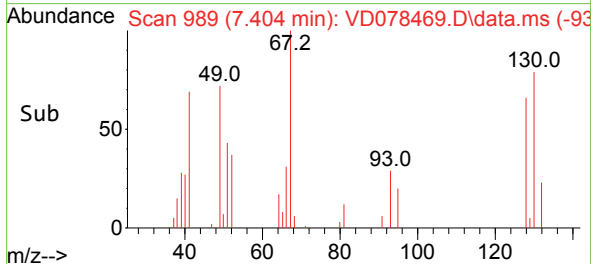
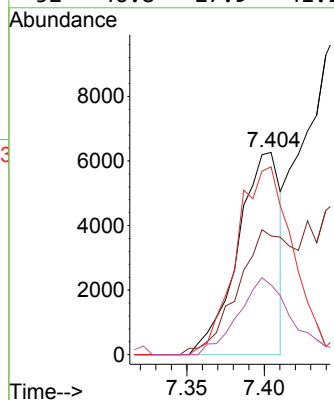
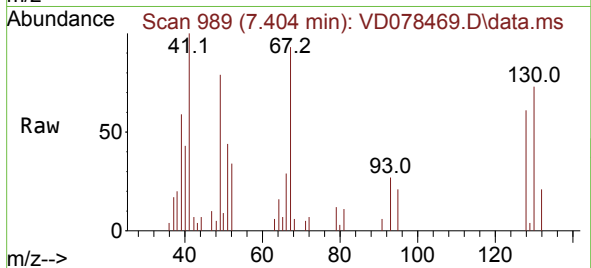




#41
Methacrylonitrile
Concen: 80.233 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

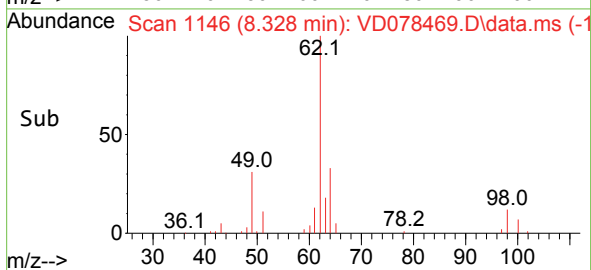
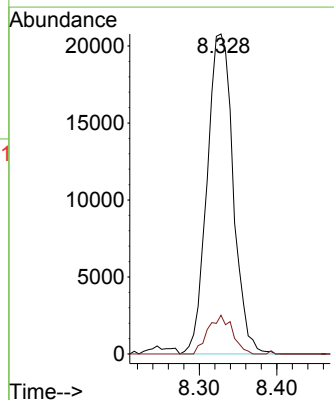
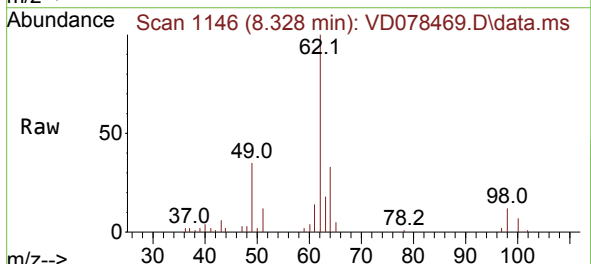
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

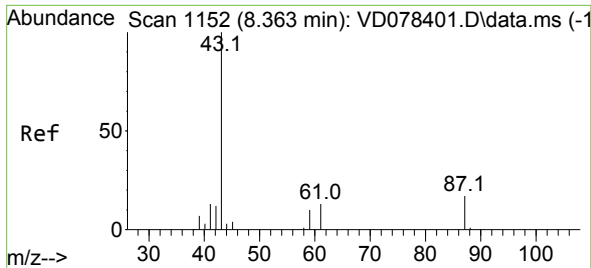
Tgt Ion: 41 Resp: 11960
Ion Ratio Lower Upper
41 100
39 83.0 34.0 51.0#
67 124.7 77.0 115.4#
52 46.8 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 79.594 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 62 Resp: 48640
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

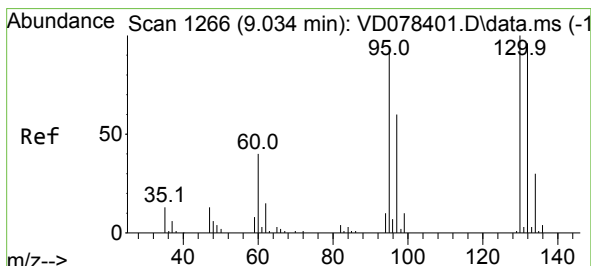
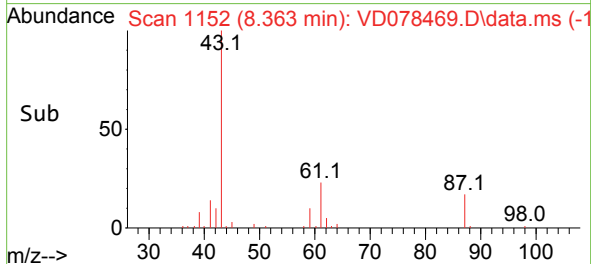
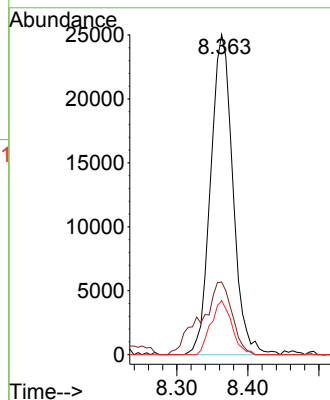
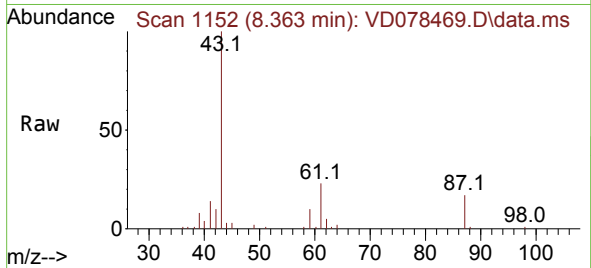




#43
Isopropyl Acetate
Concen: 102.562 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

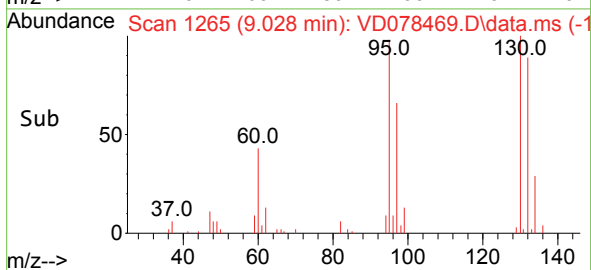
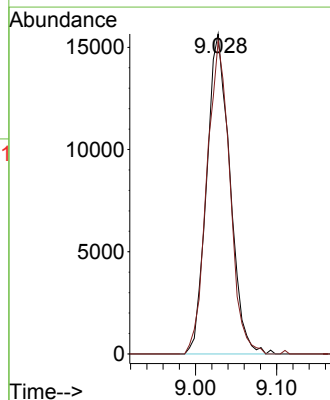
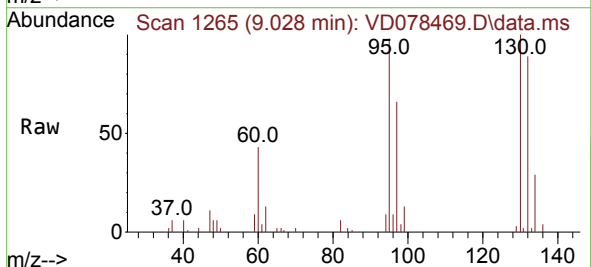
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

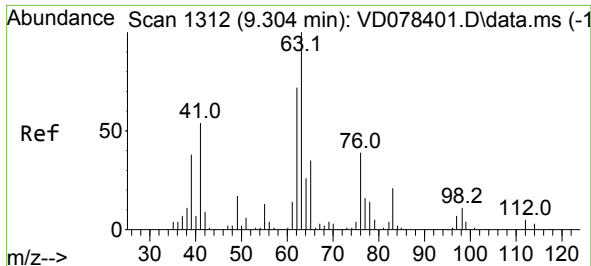
Tgt Ion:	43	Resp:	54398
Ion Ratio	Lower	Upper	
43	100		
61	31.8	31.4	47.0
87	15.9	14.9	22.3



#44
Trichloroethene
Concen: 51.708 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion:	130	Resp:	31155
Ion Ratio	Lower	Upper	
130	100		
95	97.6	0.0	179.2





#45

1,2-Dichloropropane

Concen: 66.327 ug/l

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

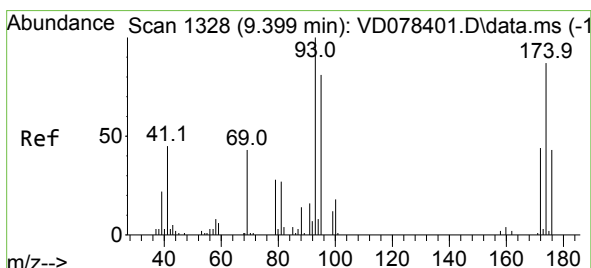
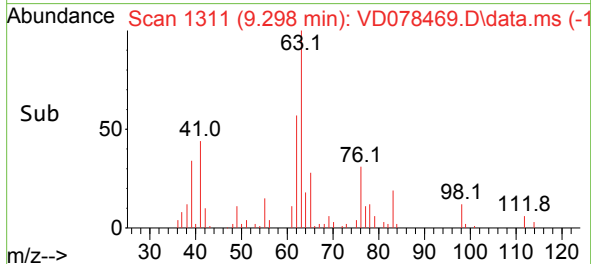
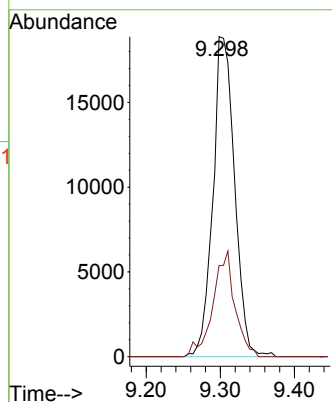
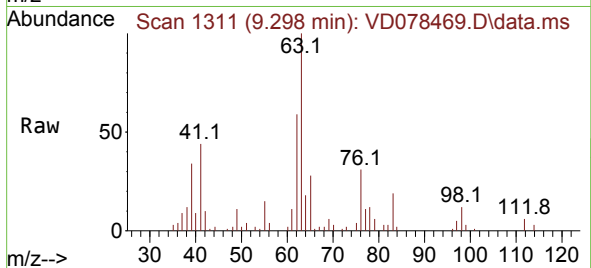
BP-VPB-191-GW-858-860MS

Tgt Ion: 63 Resp: 38434

Ion Ratio Lower Upper

63 100

65 28.5 24.5 36.7



#46

Dibromomethane

Concen: 84.361 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

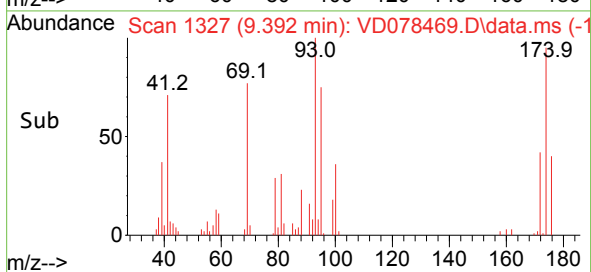
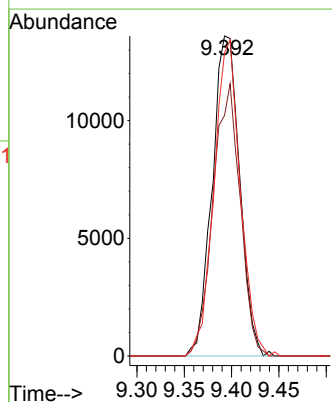
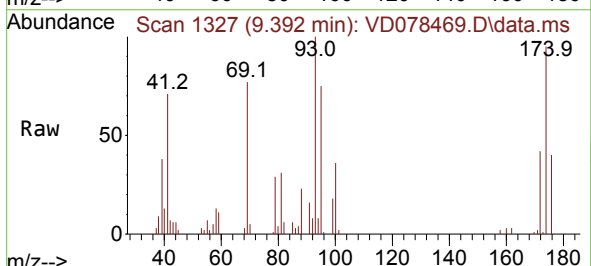
Tgt Ion: 93 Resp: 27496

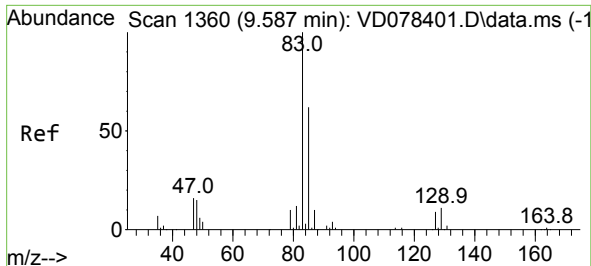
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 94.3 85.4 128.2

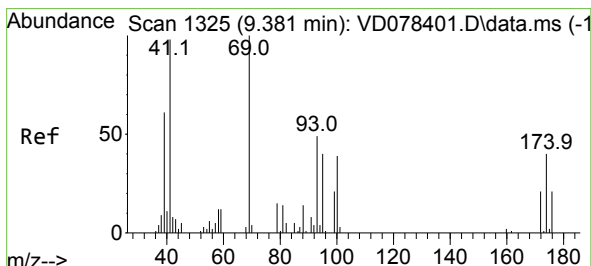
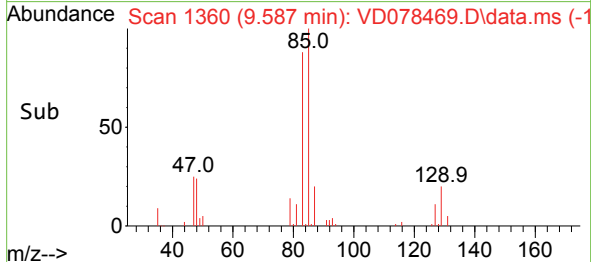
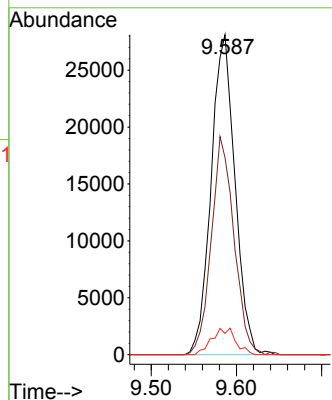
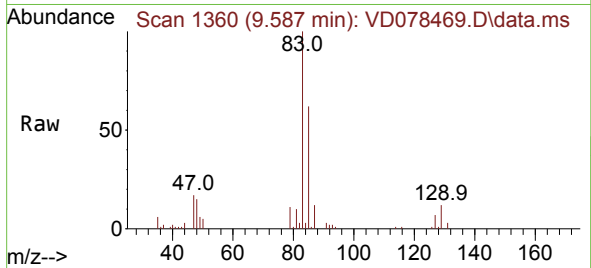




#47
Bromodichloromethane
Concen: 67.720 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

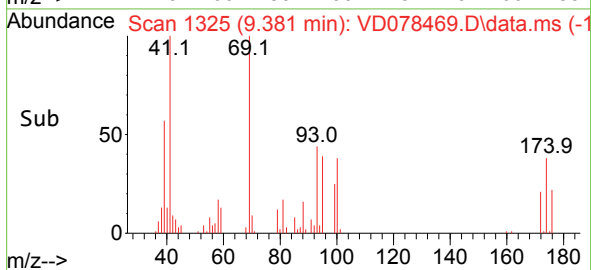
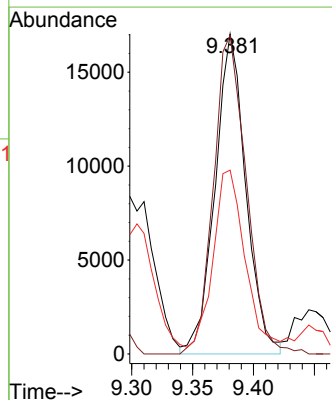
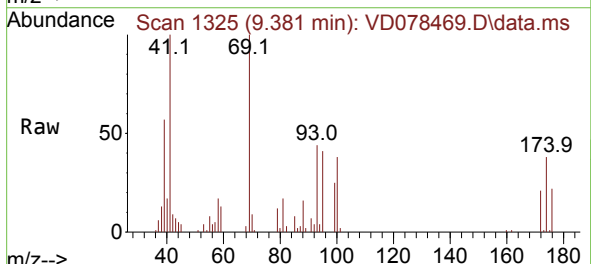
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

Tgt Ion: 83 Resp: 54669
Ion Ratio Lower Upper
83 100
85 61.6 50.2 75.4
127 6.6 6.3 9.5



#48
Methyl methacrylate
Concen: 106.659 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 41 Resp: 30013
Ion Ratio Lower Upper
41 100
69 105.5 102.2 153.2
39 60.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1961.635 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078469.D

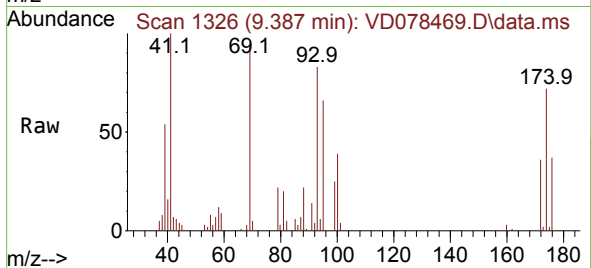
Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MS



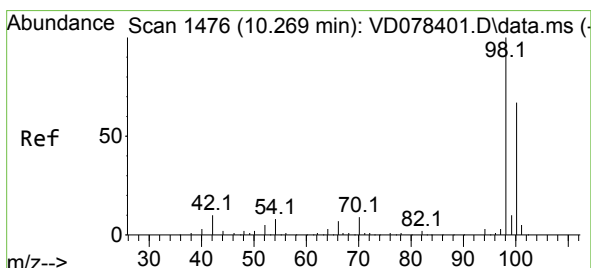
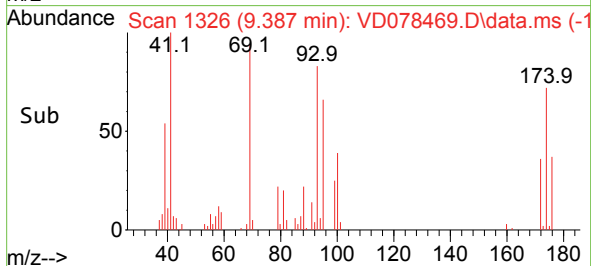
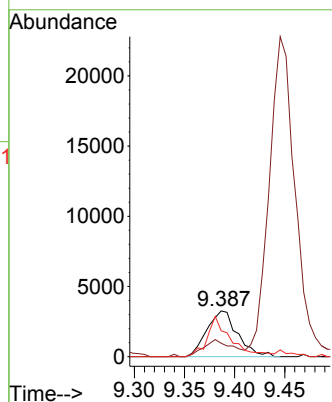
Tgt Ion: 88 Resp: 6924

Ion Ratio Lower Upper

88 100

43 35.1 19.0 28.6#

58 67.7 43.5 65.3#



#50

Toluene-d8

Concen: 61.966 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078469.D

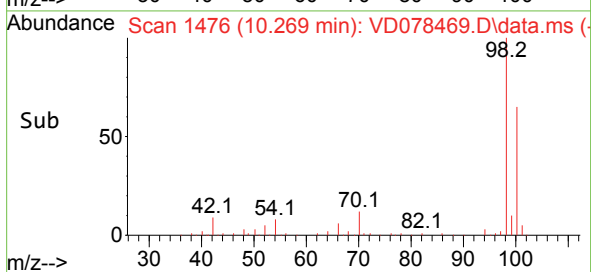
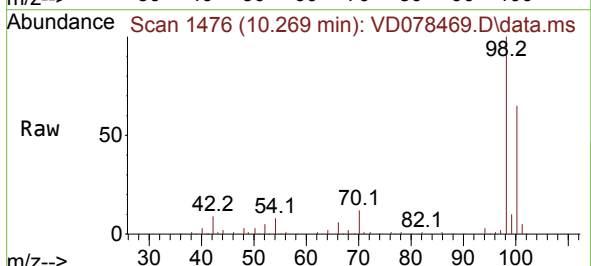
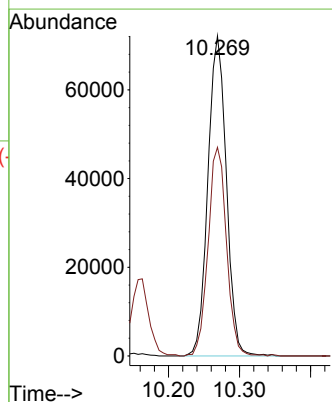
Acq: 19 Feb 2024 17:46

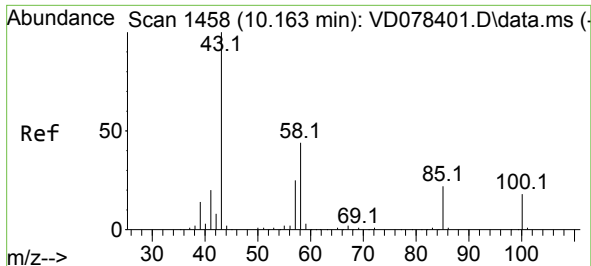
Tgt Ion: 98 Resp: 130379

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

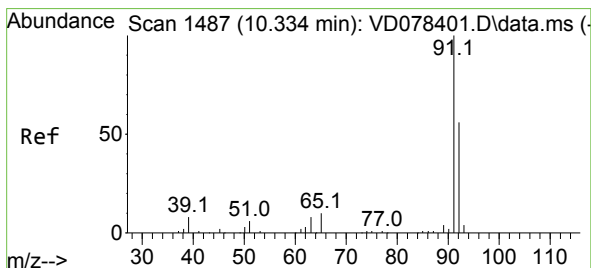
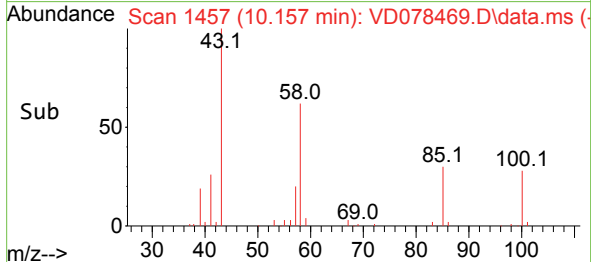
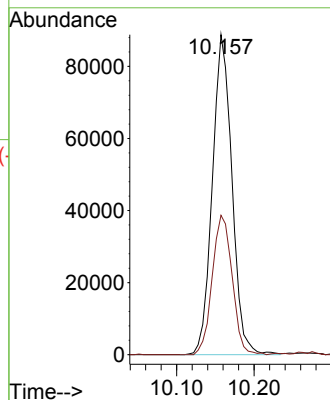
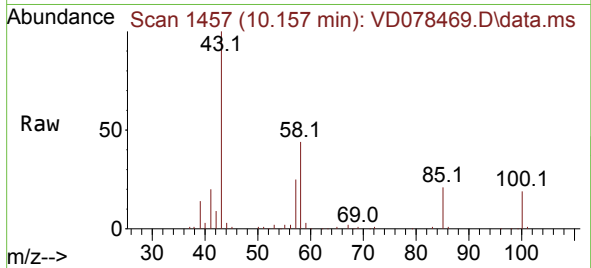




#51
4-Methyl-2-Pentanone
Concen: 554.901 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

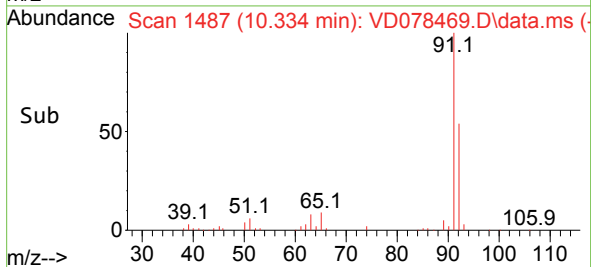
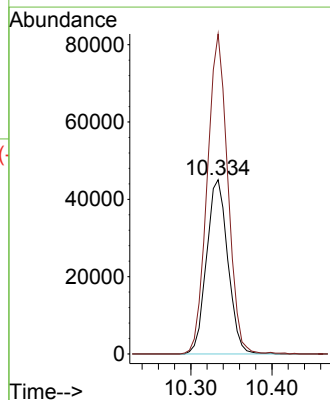
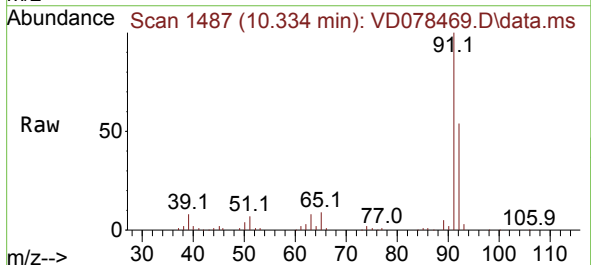
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

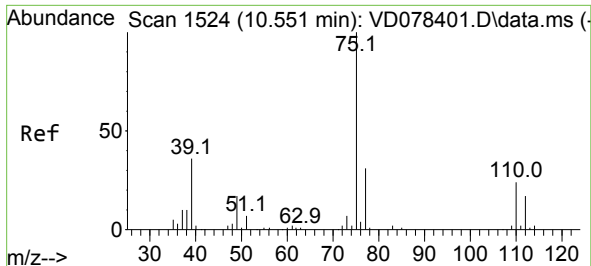
Tgt Ion: 43 Resp: 156207
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3



#52
Toluene
Concen: 54.913 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 92 Resp: 82014
Ion Ratio Lower Upper
92 100
91 177.2 143.0 214.4

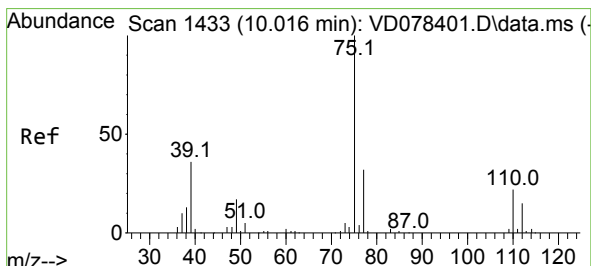
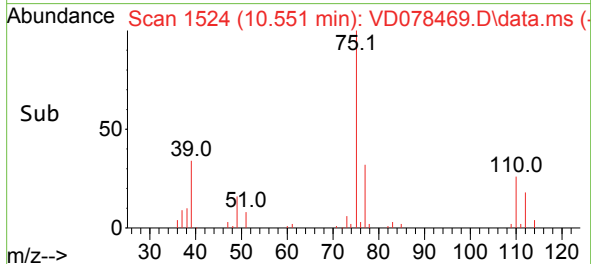
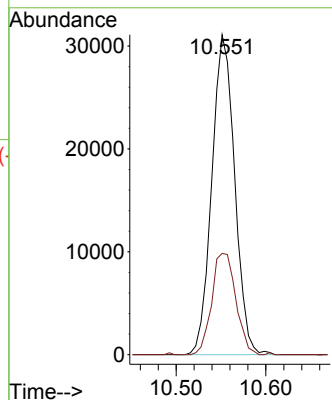
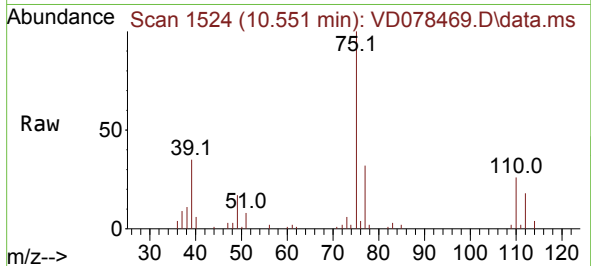




#53
 t-1,3-Dichloropropene
 Concen: 74.623 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

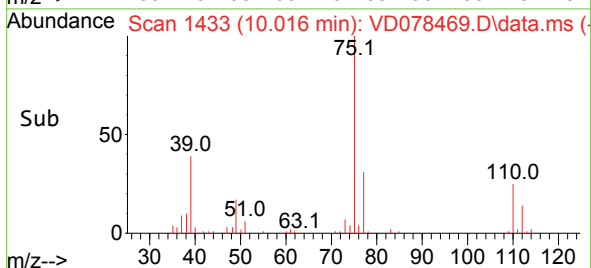
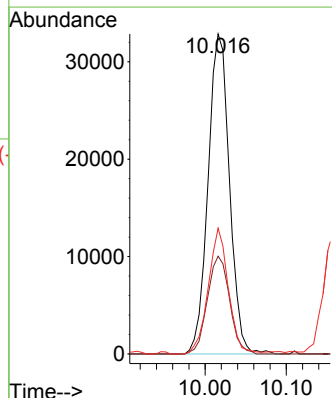
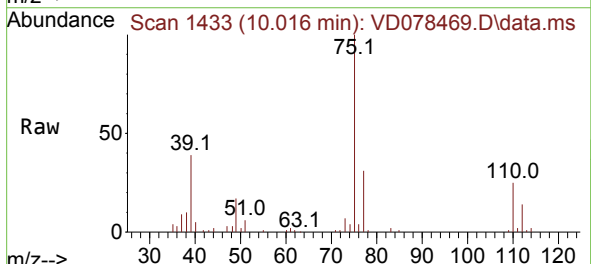
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

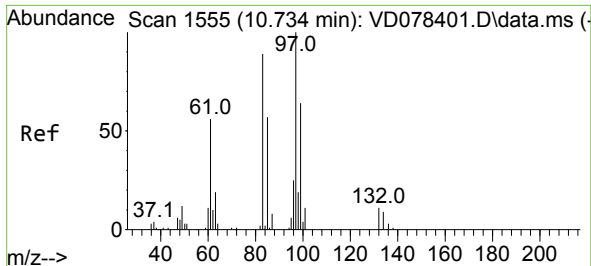
Tgt Ion: 75 Resp: 54969
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 67.393 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

Tgt Ion: 75 Resp: 60196
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3
 39 39.3 22.1 33.1#

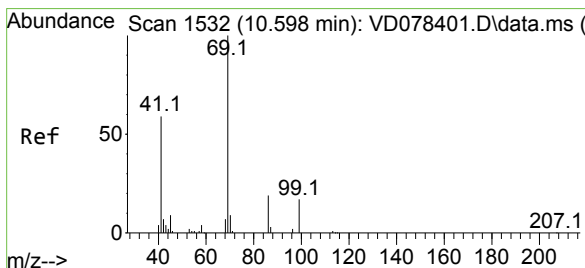
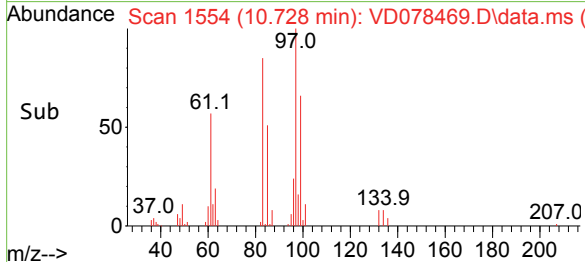
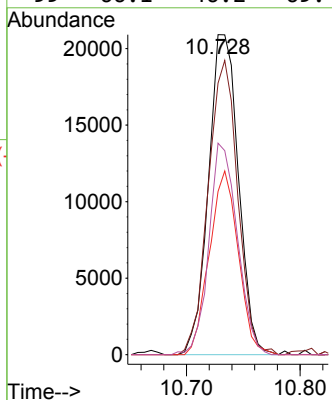
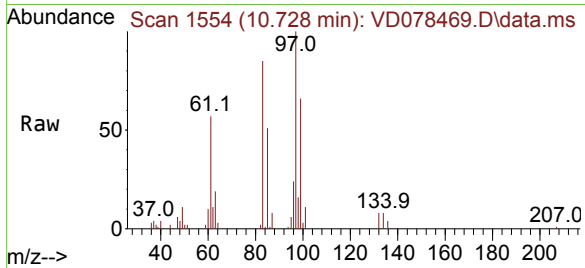




#55
1,1,2-Trichloroethane
Concen: 87.301 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

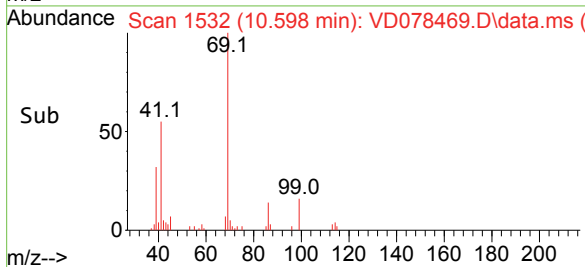
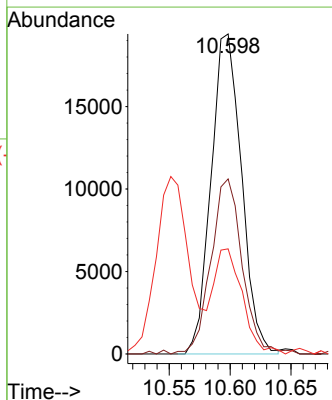
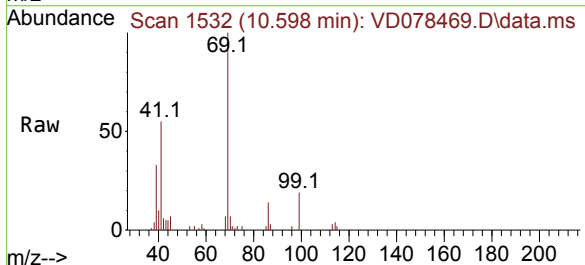
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

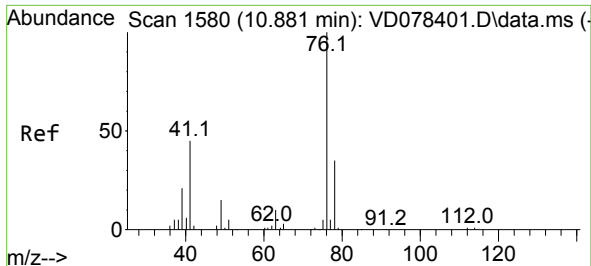
Tgt Ion: 97	Resp: 38319
Ion Ratio	Lower Upper
97 100	
83 84.9	65.8 98.6
85 51.0	45.7 68.5
99 66.1	46.2 69.4



#56
Ethyl methacrylate
Concen: 82.979 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 69	Resp: 33685
Ion Ratio	Lower Upper
69 100	
41 56.3	39.1 58.7
39 30.3	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 82.838 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

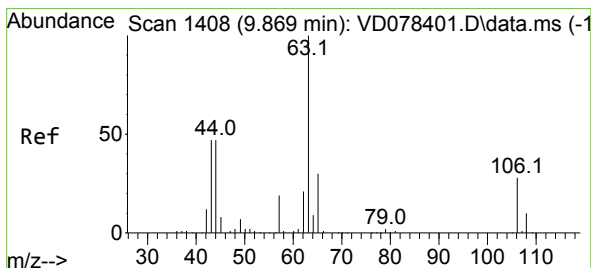
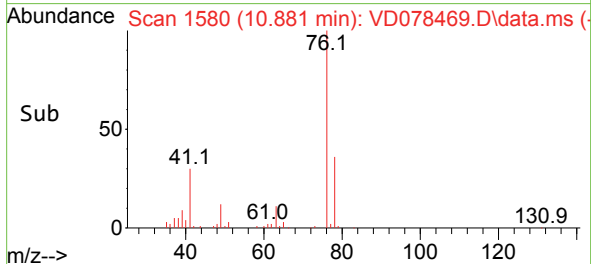
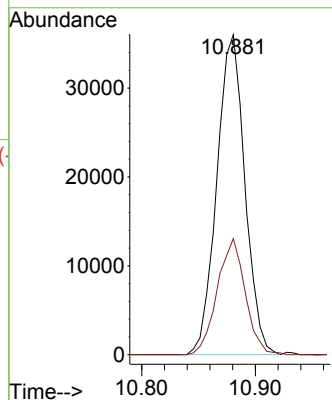
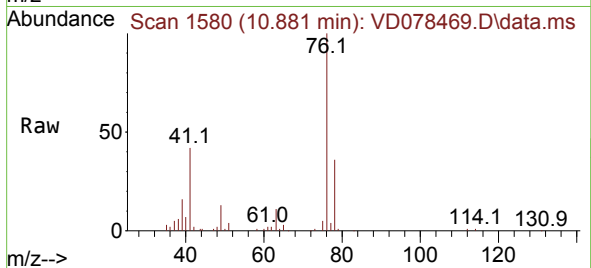
BP-VPB-191-GW-858-860MS

Tgt Ion: 76 Resp: 61851

Ion Ratio Lower Upper

76 100

78 36.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 425.503 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078469.D

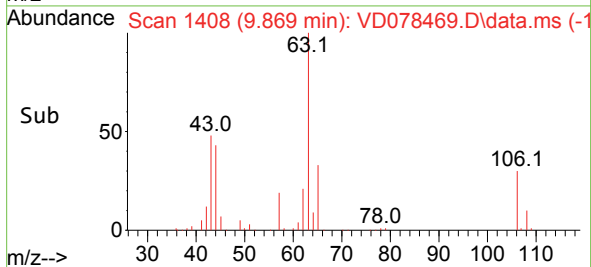
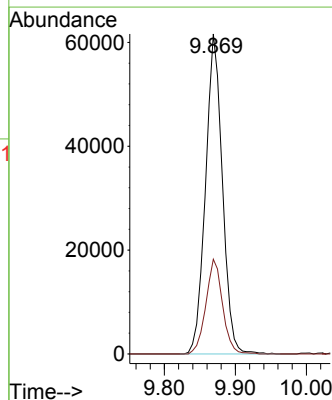
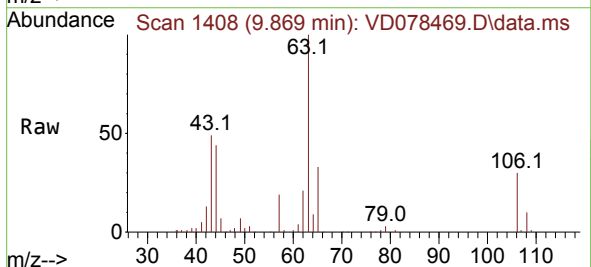
Acq: 19 Feb 2024 17:46

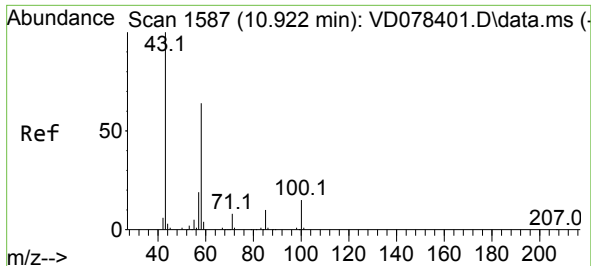
Tgt Ion: 63 Resp: 101746

Ion Ratio Lower Upper

63 100

106 29.3 25.3 37.9

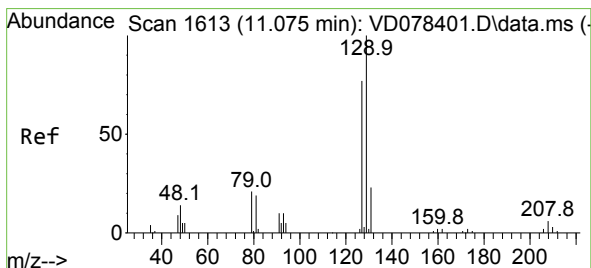
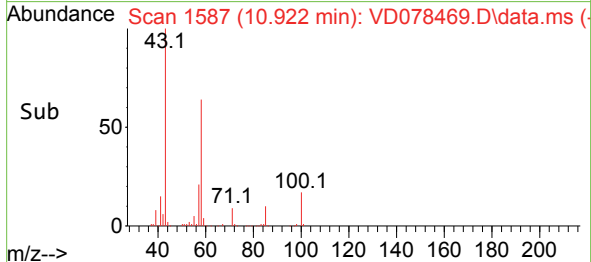
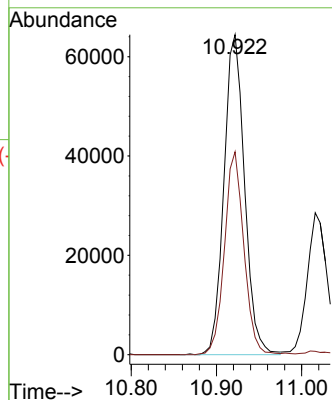
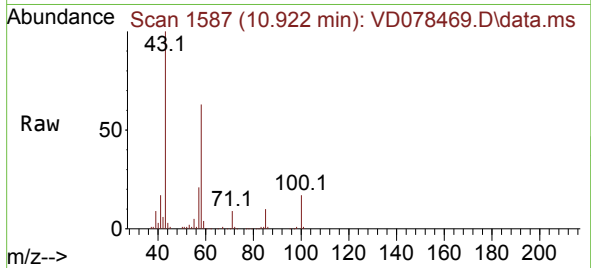




#59
2-Hexanone
Concen: 511.529 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

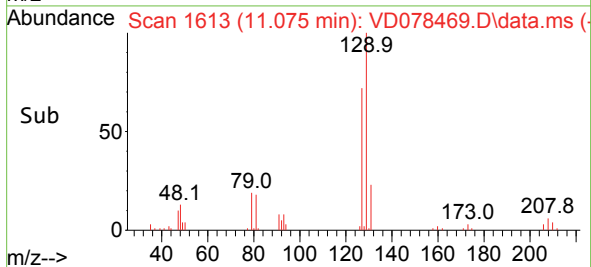
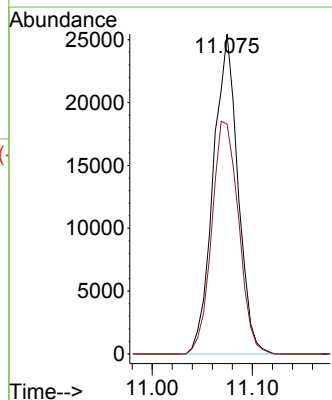
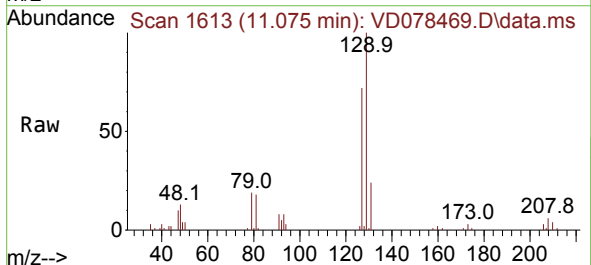
Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MS

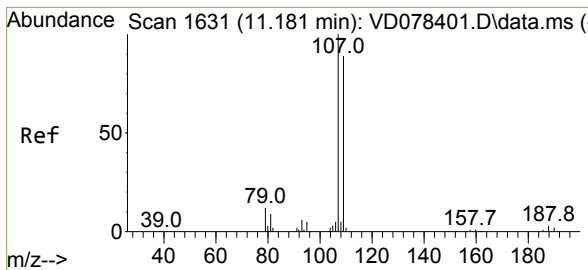
Tgt Ion: 43 Resp: 108216
Ion Ratio Lower Upper
43 100
58 59.9 34.1 102.2



#60
Dibromochloromethane
Concen: 82.352 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 129 Resp: 43491
Ion Ratio Lower Upper
129 100
127 79.1 37.1 111.5

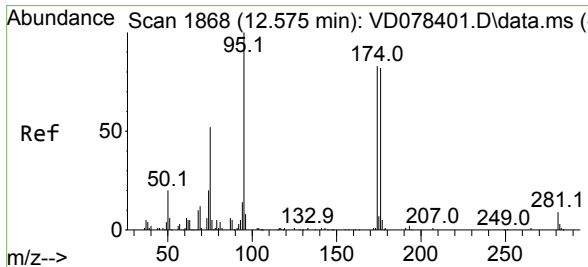
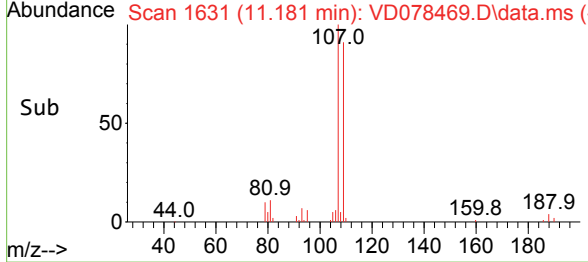
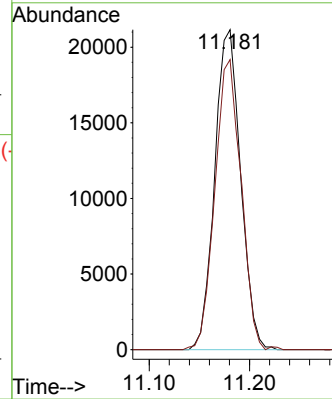
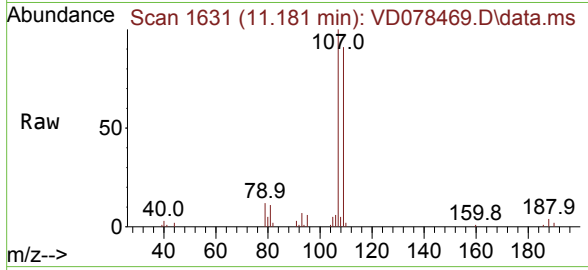




#61
1,2-Dibromoethane
Concen: 92.086 ug/l
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

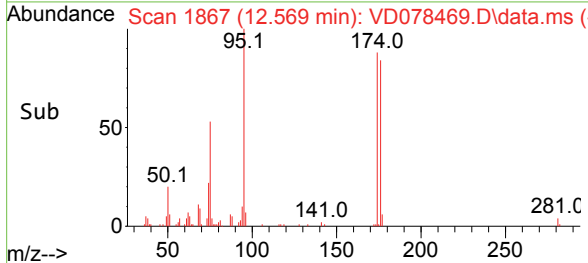
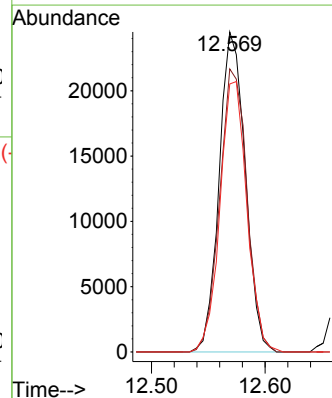
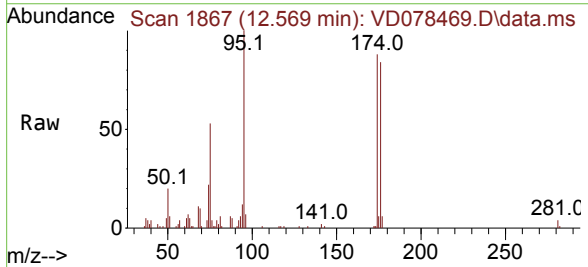
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

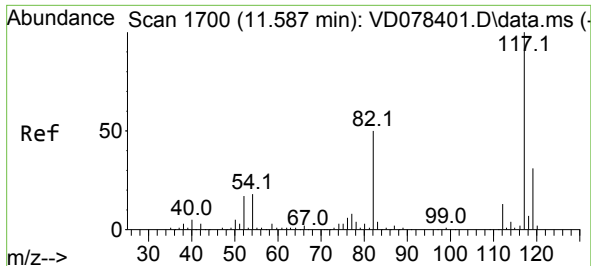
Tgt Ion:107 Resp: 37946
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 63.804 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 95 Resp: 39066
Ion Ratio Lower Upper
95 100
174 92.7 0.0 201.8
176 87.2 0.0 191.8

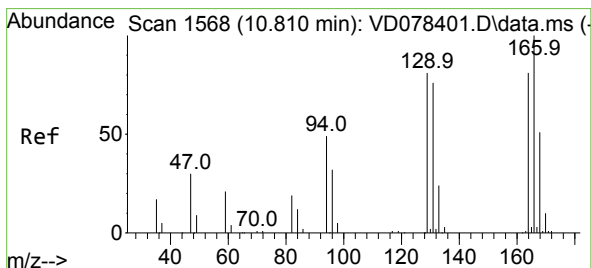
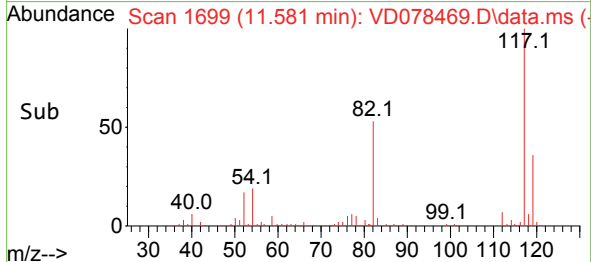
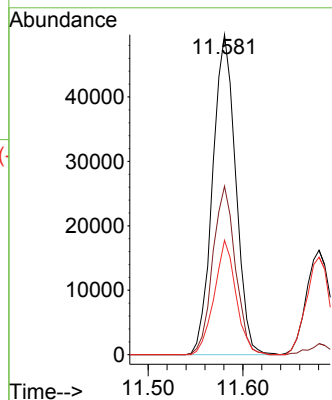
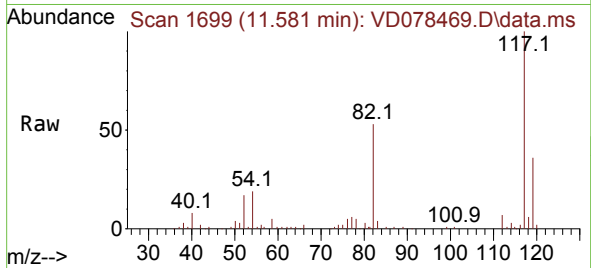




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

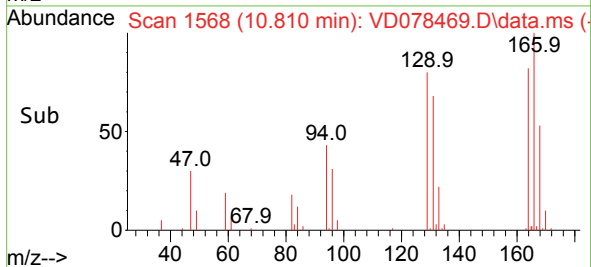
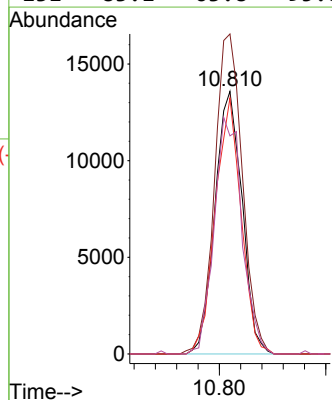
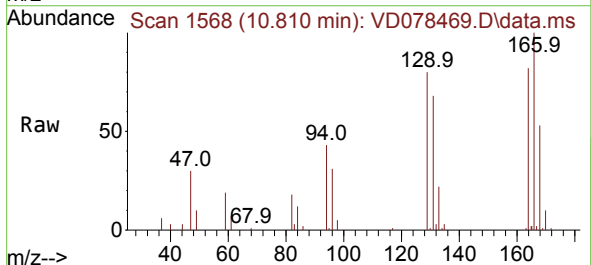
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

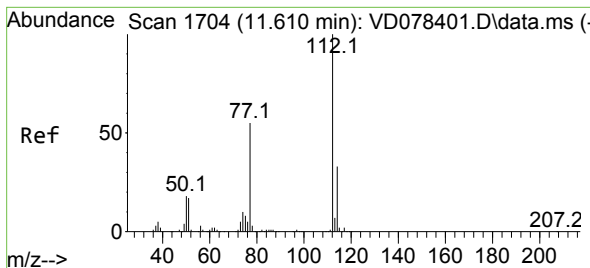
Tgt Ion:117 Resp: 83952
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 35.7 25.0 37.4



#64
Tetrachloroethene
Concen: 45.123 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion:164 Resp: 23927
Ion Ratio Lower Upper
164 100
166 121.9 99.2 148.8
129 97.5 68.4 102.6
131 83.1 63.8 95.8

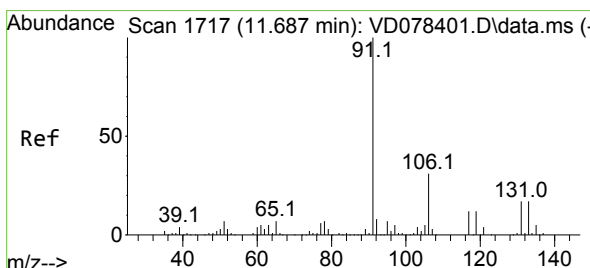
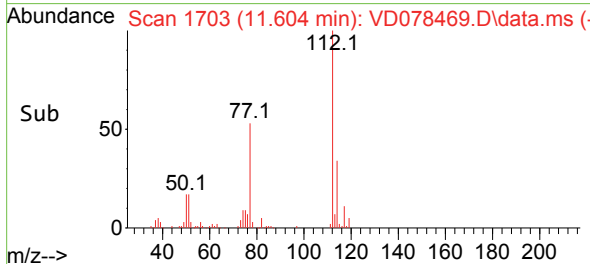
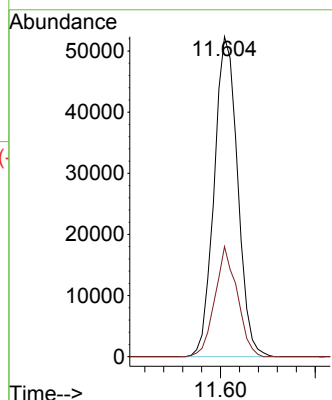
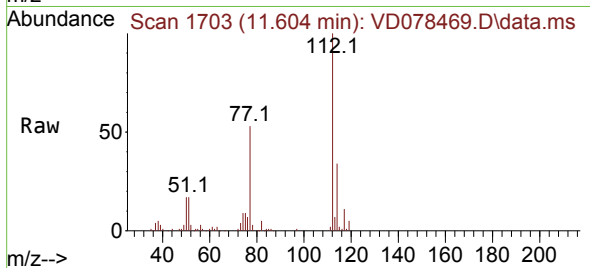




#65
Chlorobenzene
Concen: 53.326 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

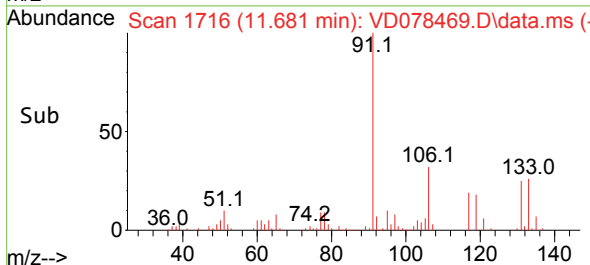
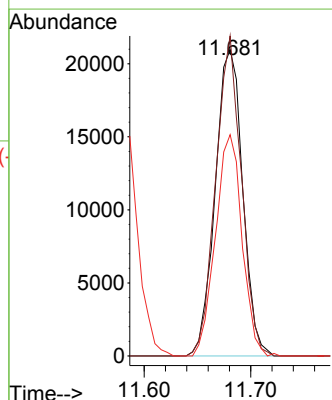
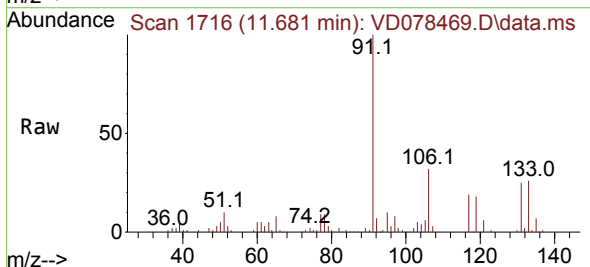
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

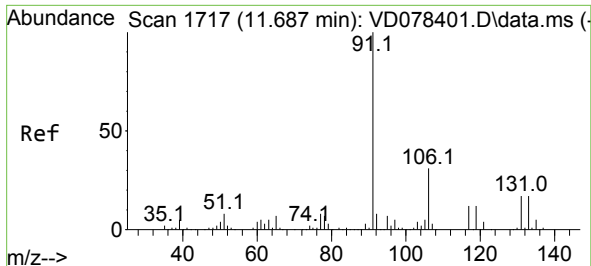
Tgt Ion:112 Resp: 90001
Ion Ratio Lower Upper
112 100
114 34.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 60.456 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion:131 Resp: 37498
Ion Ratio Lower Upper
131 100
133 97.4 48.5 145.5
119 69.9 35.6 106.9

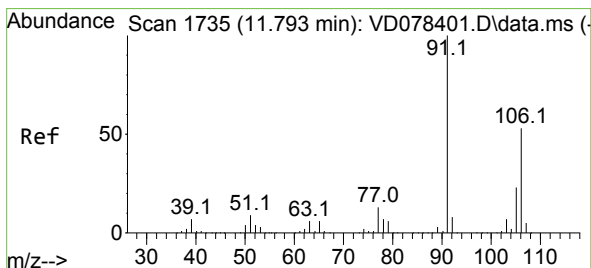
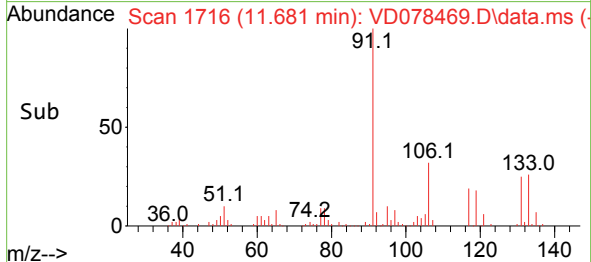
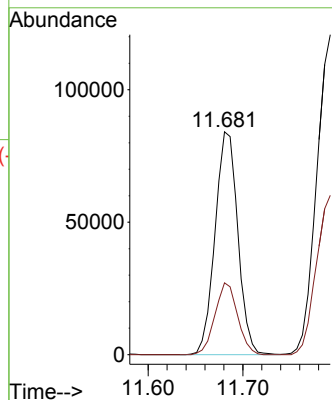
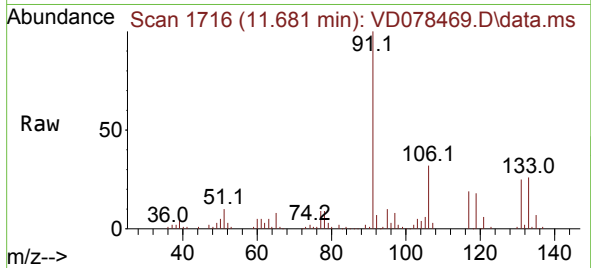




#67
Ethyl Benzene
Concen: 46.544 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

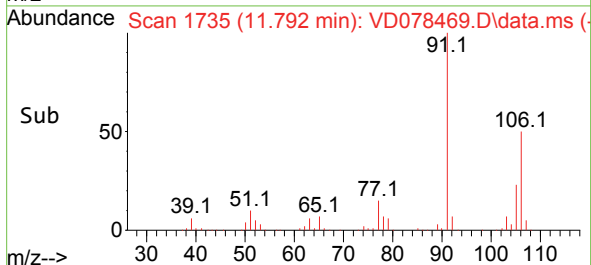
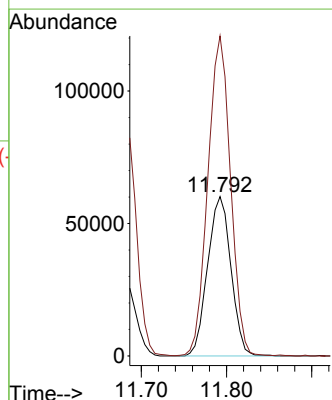
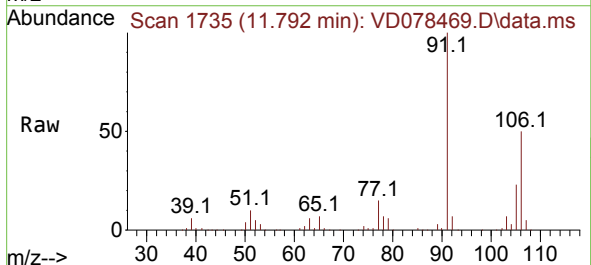
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

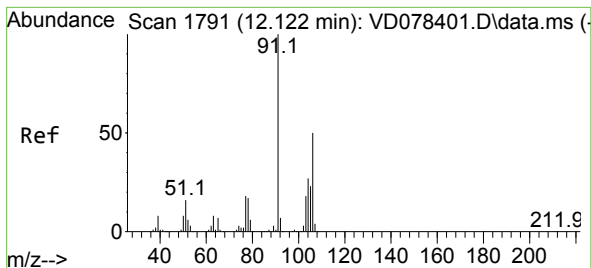
Tgt Ion: 91 Resp: 140752
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7



#68
m/p-Xylenes
Concen: 97.020 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion:106 Resp: 114442
Ion Ratio Lower Upper
106 100
91 194.5 147.0 220.6





#69

o-Xylene

Concen: 50.676 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

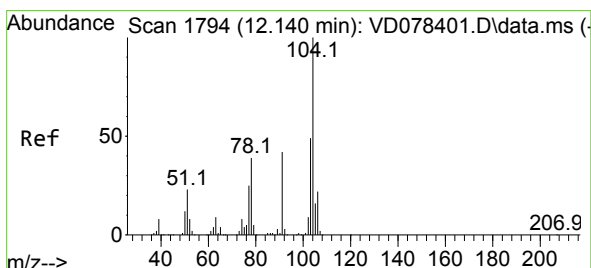
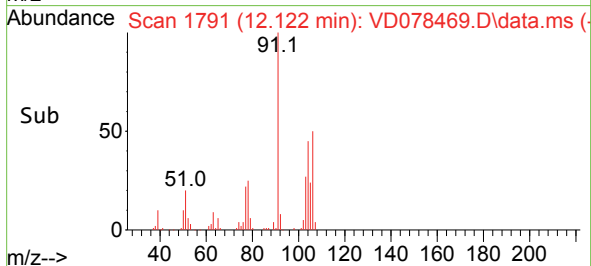
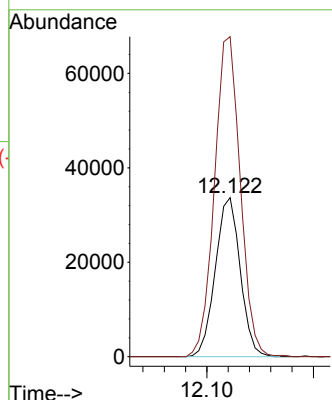
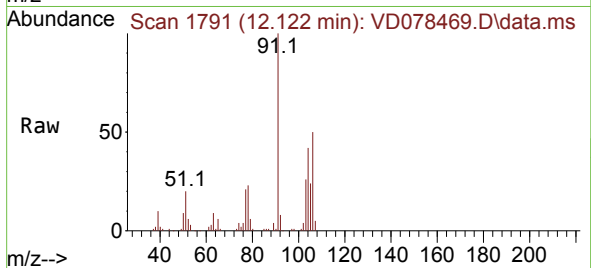
BP-VPB-191-GW-858-860MS

Tgt Ion:106 Resp: 54550

Ion Ratio Lower Upper

106 100

91 208.8 97.9 293.6



#70

Styrene

Concen: 46.299 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

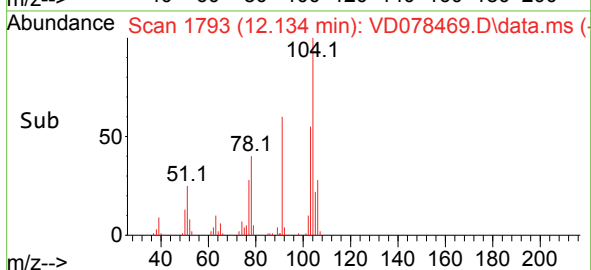
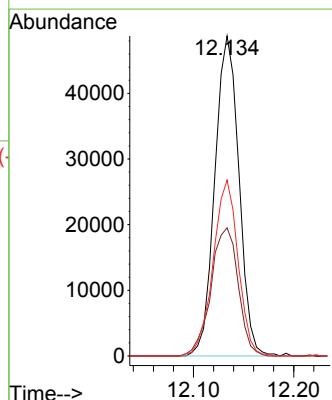
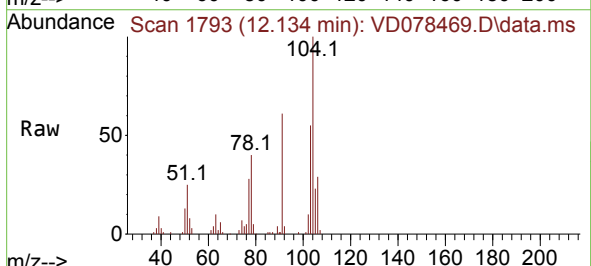
Tgt Ion:104 Resp: 81339

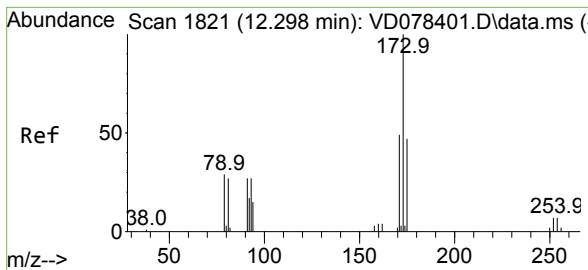
Ion Ratio Lower Upper

104 100

78 45.3 33.2 49.8

103 57.0 43.6 65.4





#71

Bromoform

Concen: 84.727 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MS

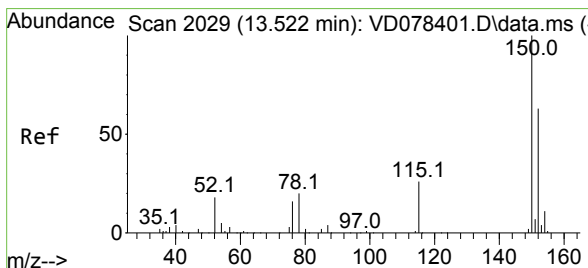
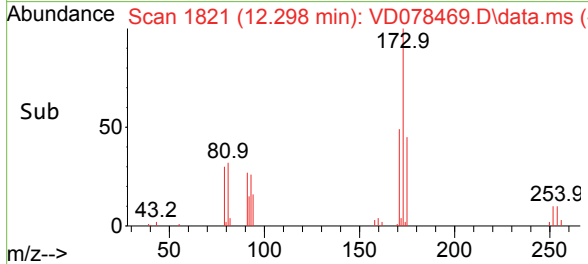
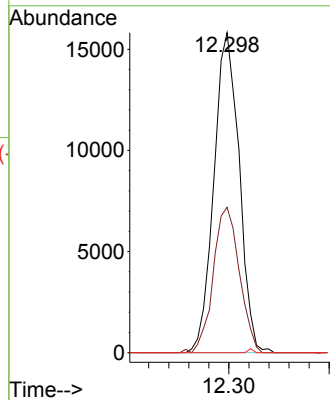
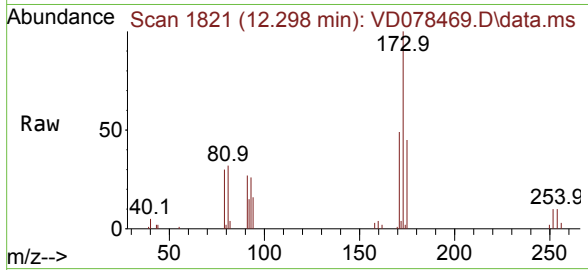
Tgt Ion:173 Resp: 27660

Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

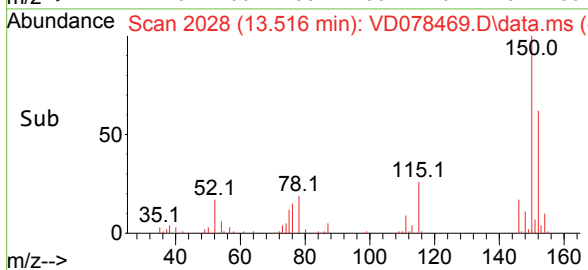
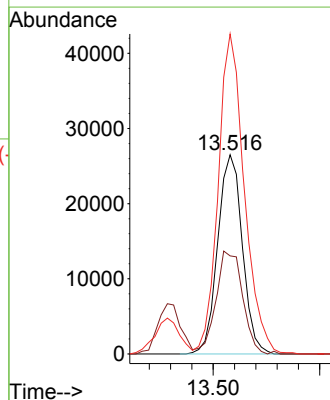
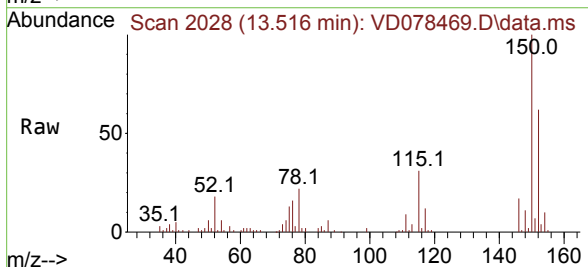
Tgt Ion:152 Resp: 42445

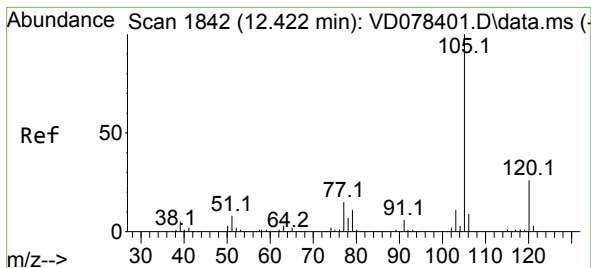
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 171.0 0.0 353.6





#73

Isopropylbenzene

Concen: 47.351 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

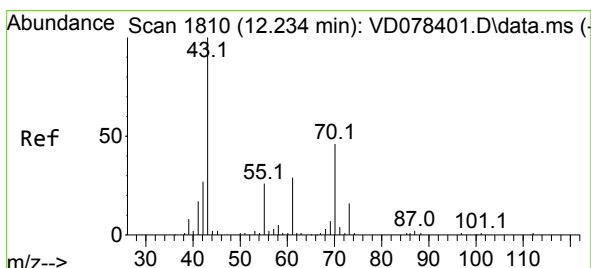
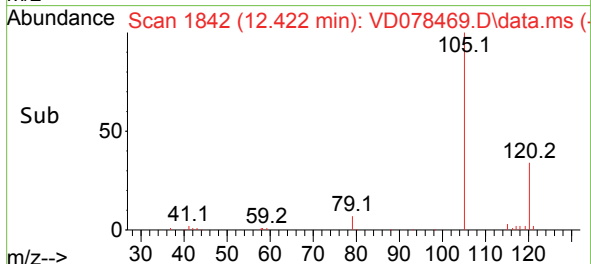
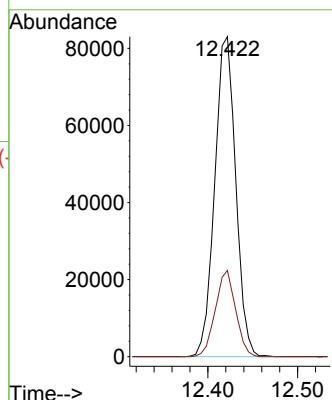
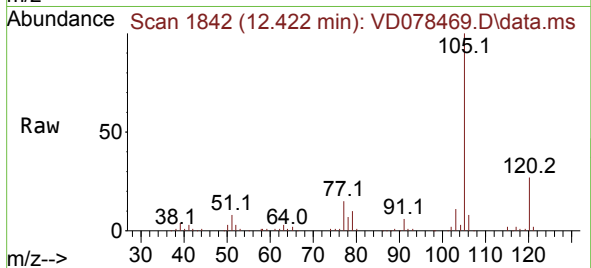
BP-VPB-191-GW-858-860MS

Tgt Ion:105 Resp: 134958

Ion Ratio Lower Upper

105 100

120 26.0 14.3 42.9



#74

N-ethyl acetate

Concen: 84.231 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Tgt Ion: 43 Resp: 45417

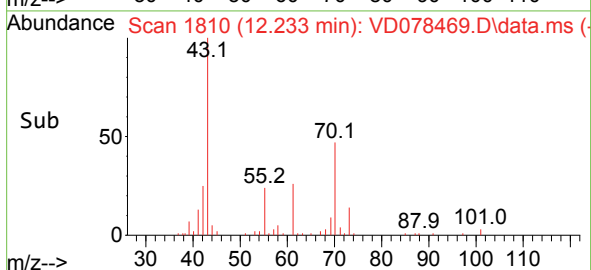
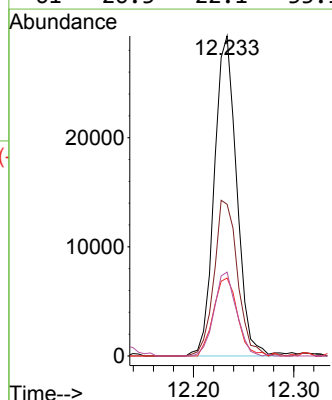
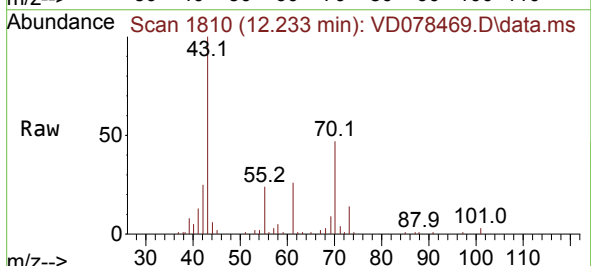
Ion Ratio Lower Upper

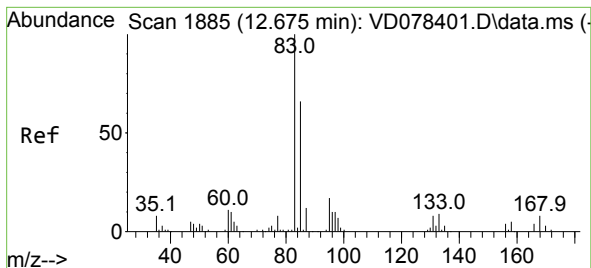
43 100

70 51.1 45.0 67.4

55 26.4 23.8 35.6

61 26.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 90.438 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MS

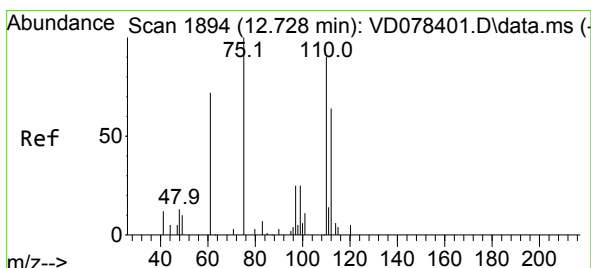
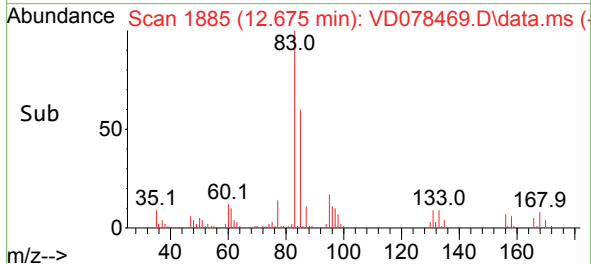
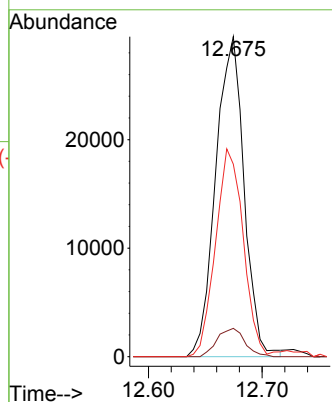
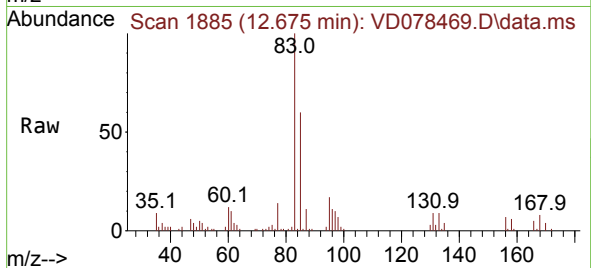
Tgt Ion: 83 Resp: 51131

Ion Ratio Lower Upper

83 100

131 8.6 5.1 15.3

85 63.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 159.850 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078469.D

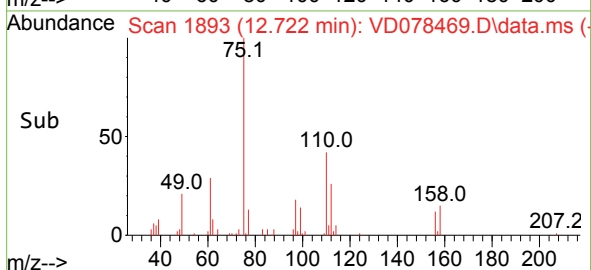
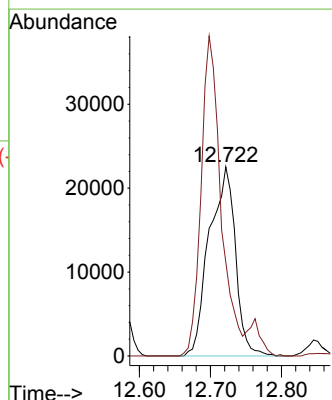
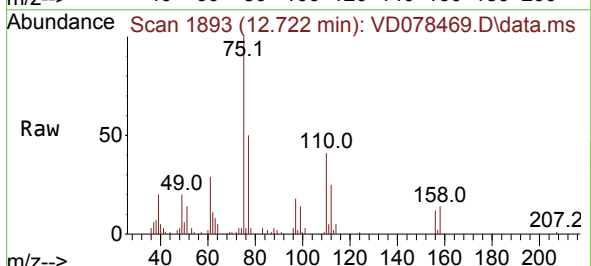
Acq: 19 Feb 2024 17:46

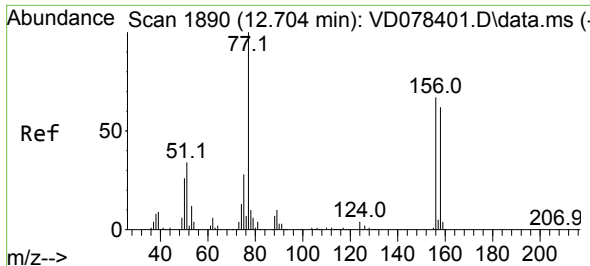
Tgt Ion: 75 Resp: 57601

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

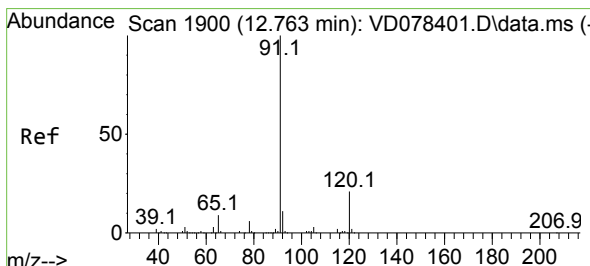
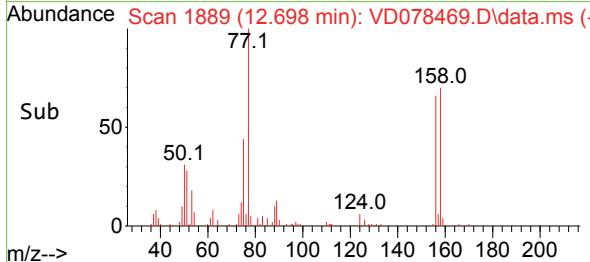
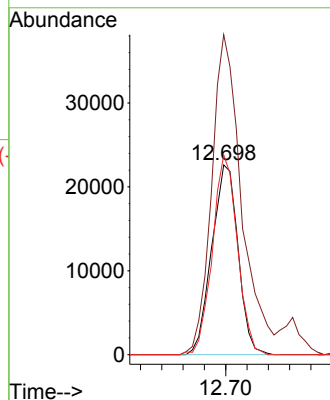
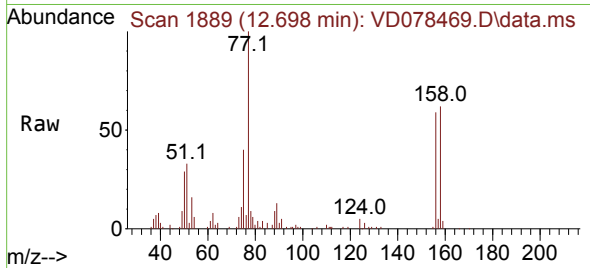




#77
Bromobenzene
Concen: 57.841 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

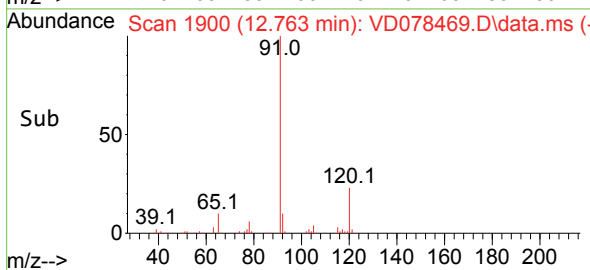
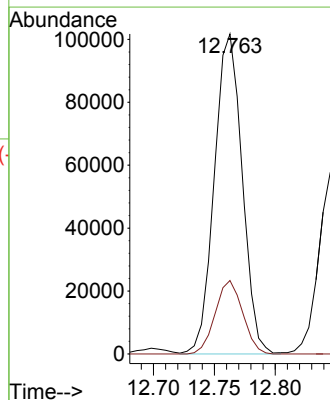
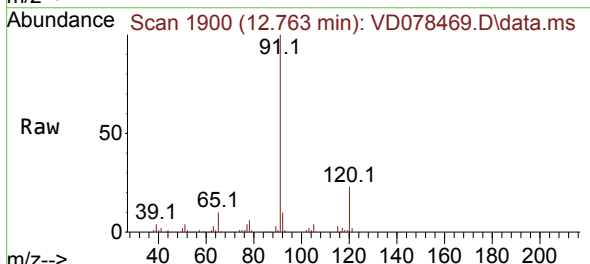
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

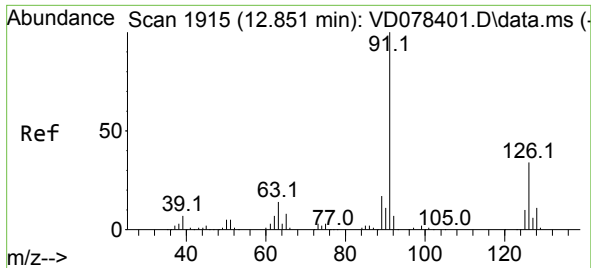
Tgt Ion:156 Resp: 38743
Ion Ratio Lower Upper
156 100
77 191.5 76.8 230.4
158 99.9 48.6 145.9



#78
n-propylbenzene
Concen: 45.538 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 91 Resp: 161742
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2

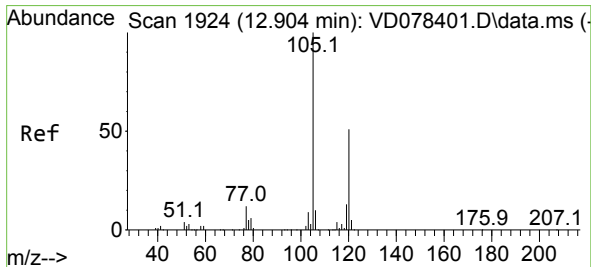
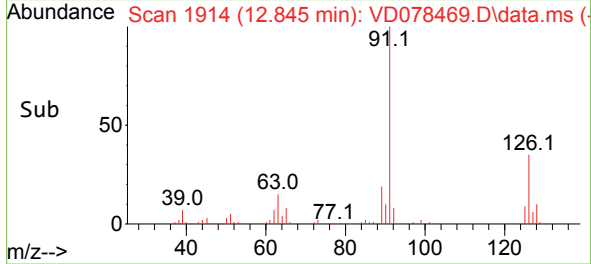
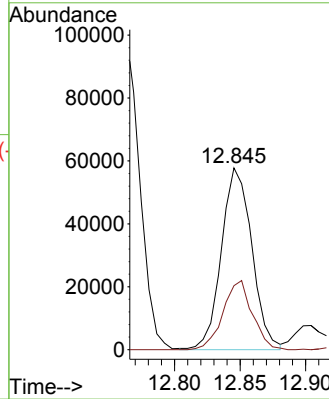
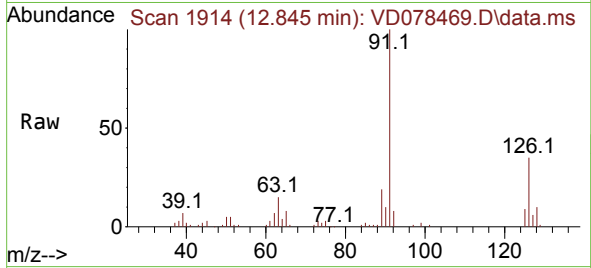




#79
2-Chlorotoluene
Concen: 49.131 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

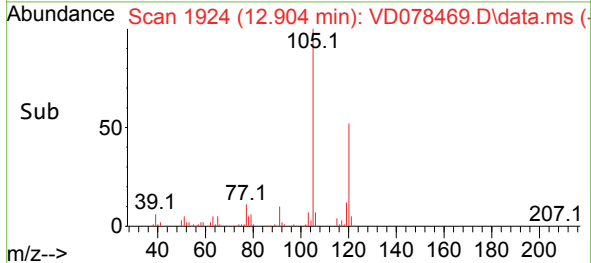
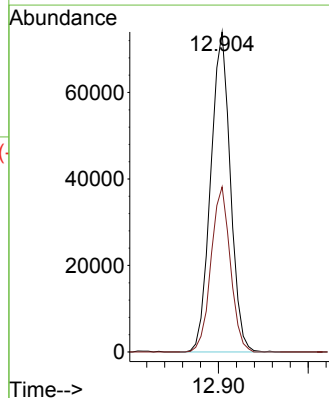
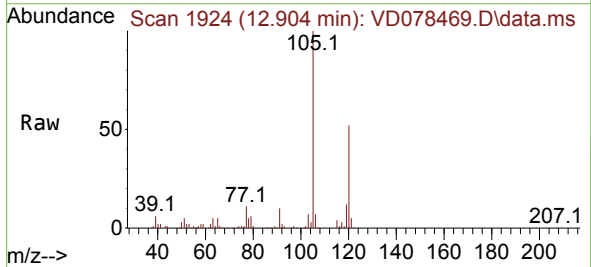
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

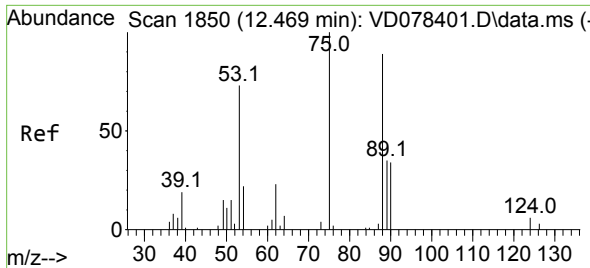
Tgt Ion: 91 Resp: 93465
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 47.483 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 105 Resp: 112376
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2

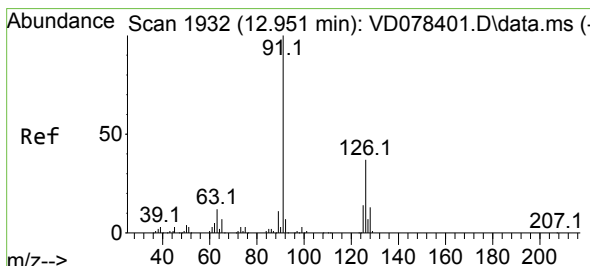
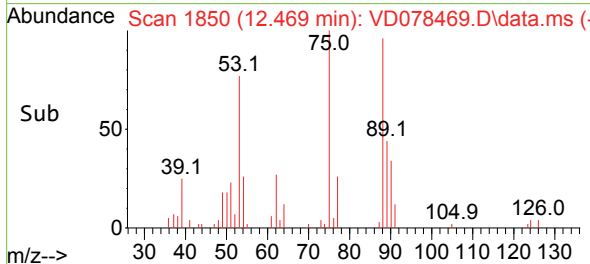
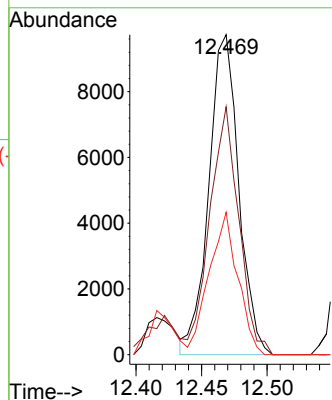
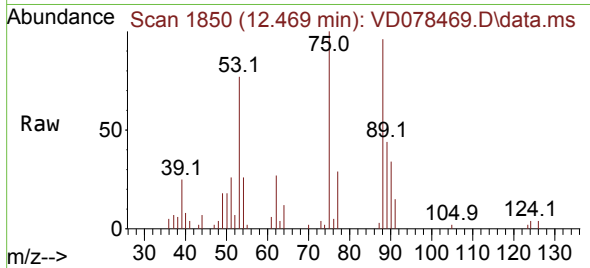




#81
trans-1,4-Dichloro-2-butene
Concen: 89.074 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

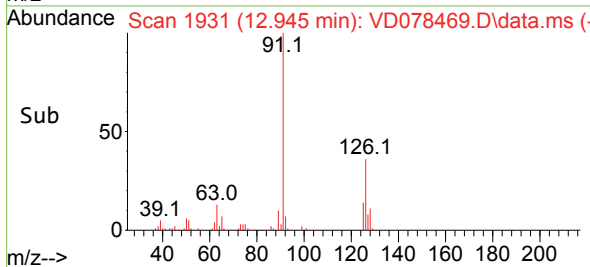
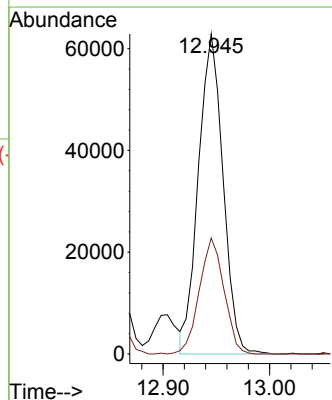
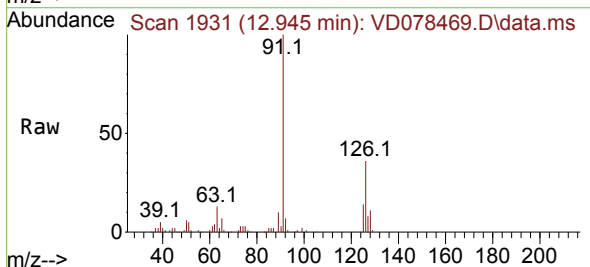
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

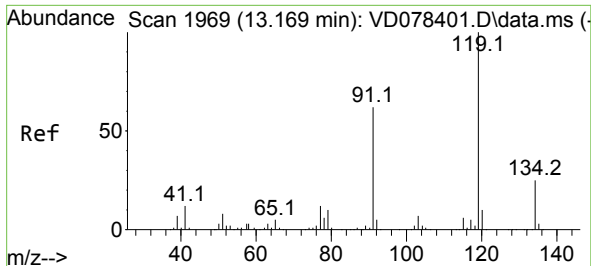
Tgt Ion: 75 Resp: 15461
Ion Ratio Lower Upper
75 100
53 74.9 63.0 94.4
89 42.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 49.451 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 91 Resp: 101035
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.4

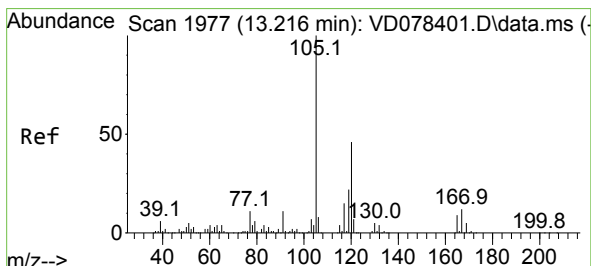
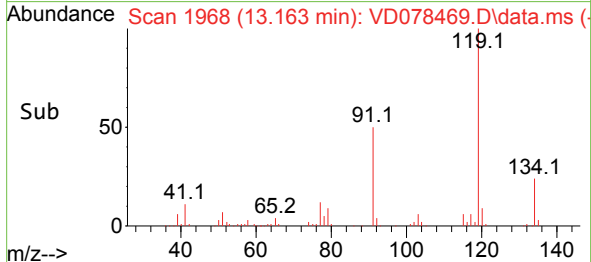
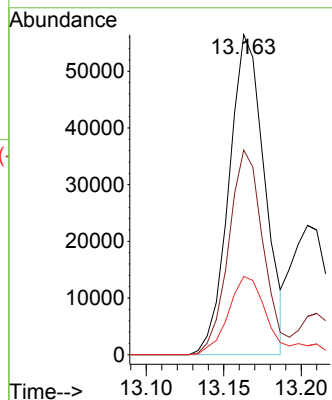
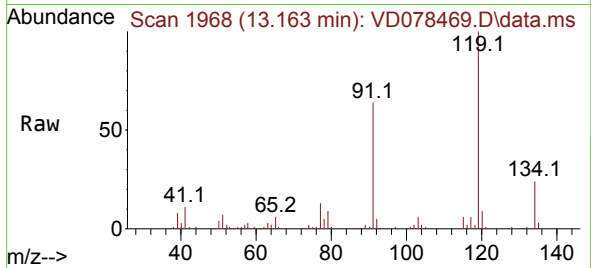




#83
tert-Butylbenzene
Concen: 45.179 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

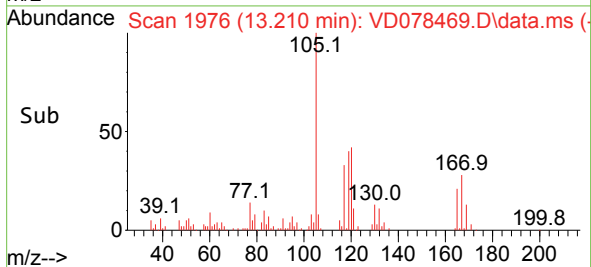
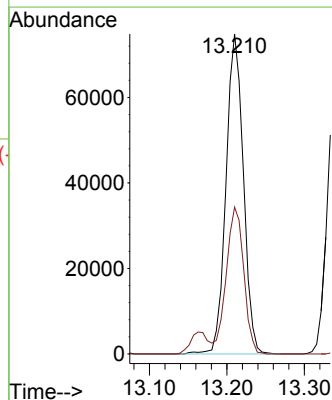
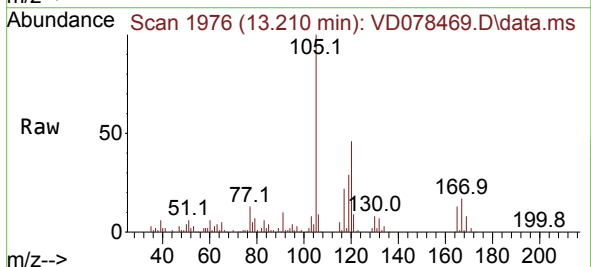
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

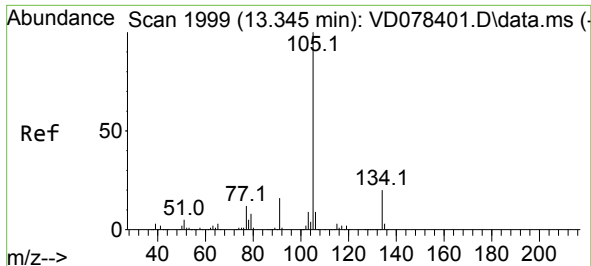
Tgt Ion:119 Resp: 90174
Ion Ratio Lower Upper
119 100
91 62.5 29.3 87.8
134 28.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 48.601 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion:105 Resp: 116735
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9

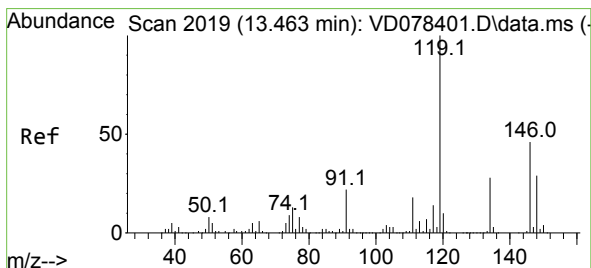
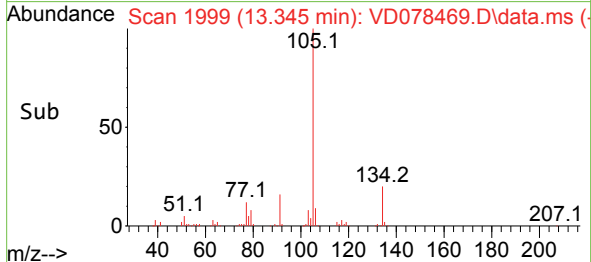
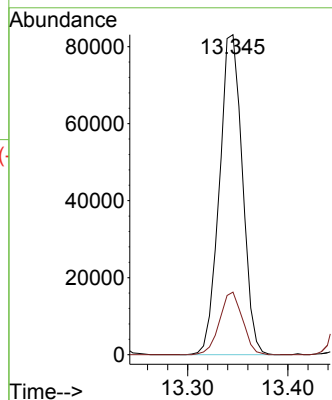
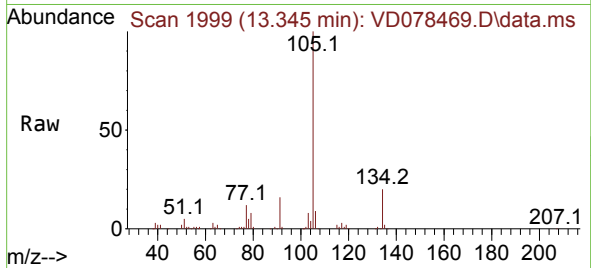




#85
 sec-Butylbenzene
 Concen: 42.605 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

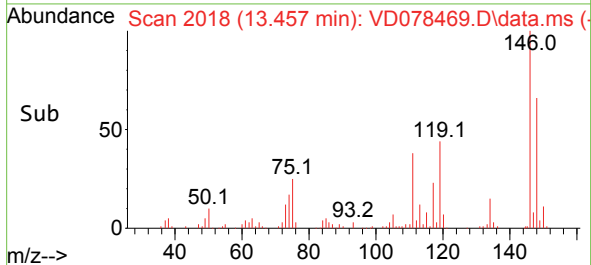
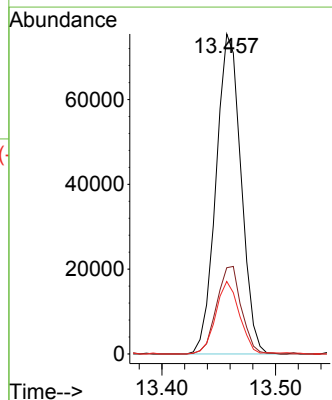
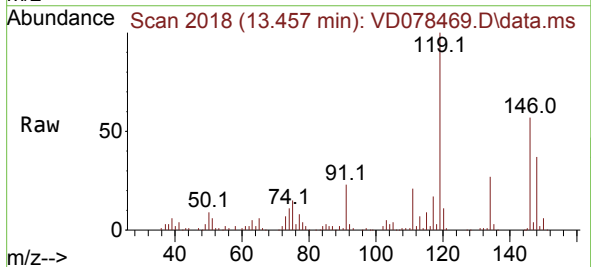
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MS

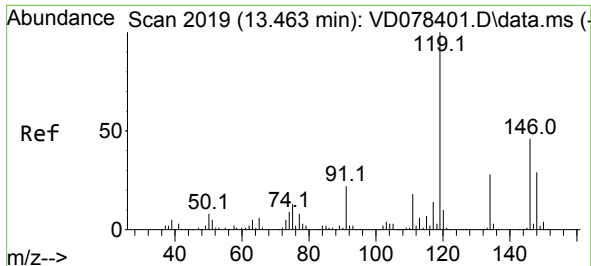
Tgt Ion:105 Resp: 131879
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 43.773 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078469.D
 Acq: 19 Feb 2024 17:46

Tgt Ion:119 Resp: 115408
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 21.9 10.5 31.5

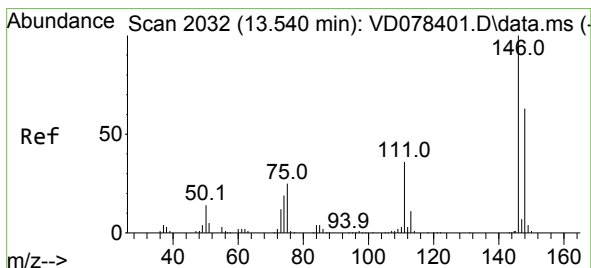
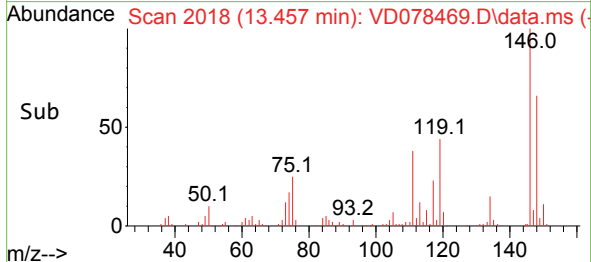
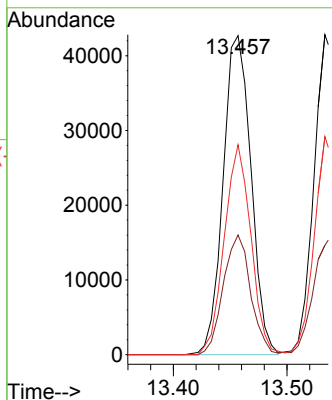
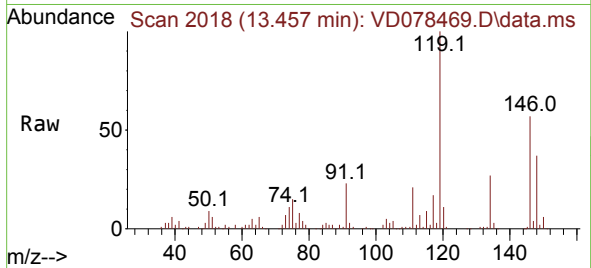




#87
1,3-Dichlorobenzene
Concen: 50.978 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

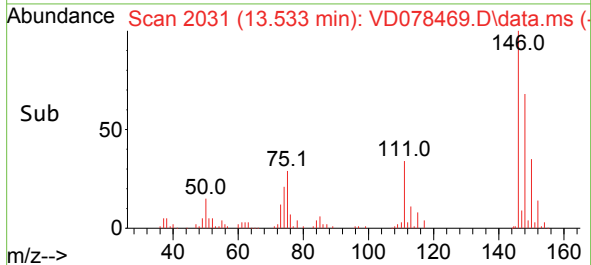
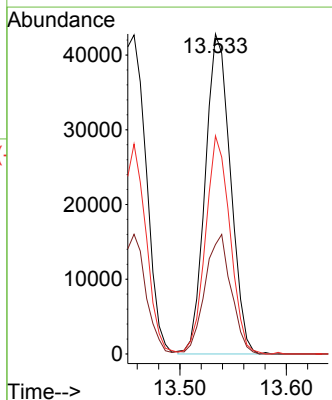
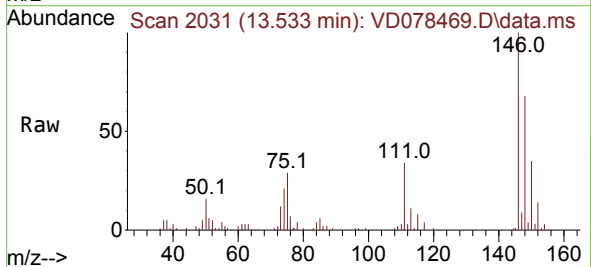
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

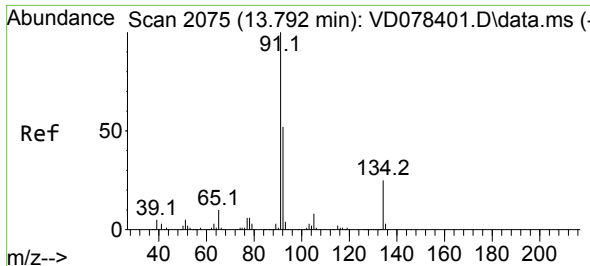
Tgt Ion:146 Resp: 72879
Ion Ratio Lower Upper
146 100
111 36.8 17.9 53.8
148 62.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 50.211 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion:146 Resp: 70531
Ion Ratio Lower Upper
146 100
111 38.9 17.4 52.3
148 66.4 31.7 95.1

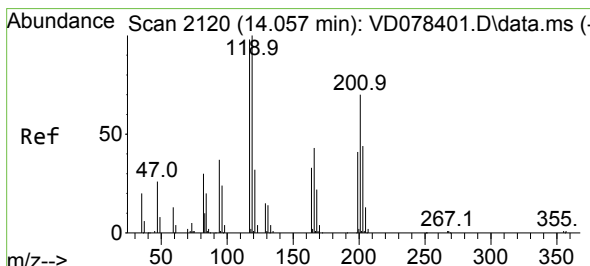
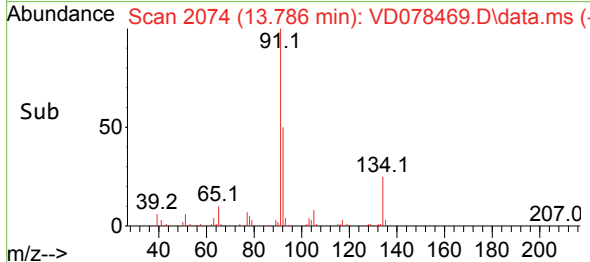
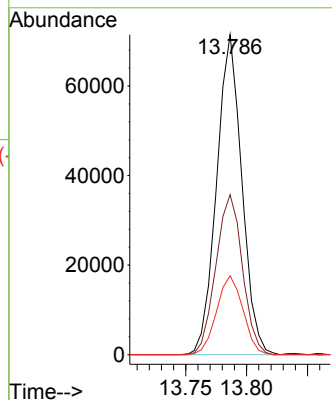
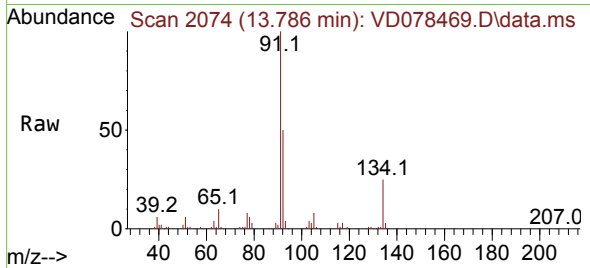




#89
n-Butylbenzene
Concen: 40.493 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

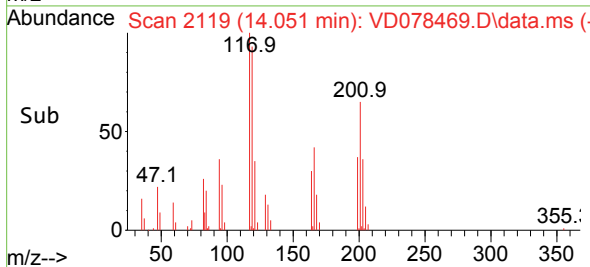
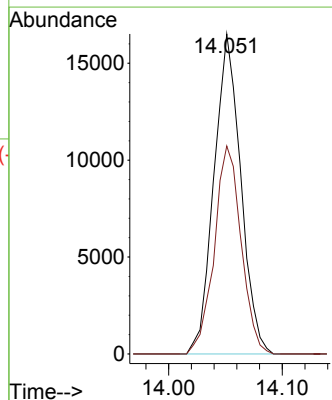
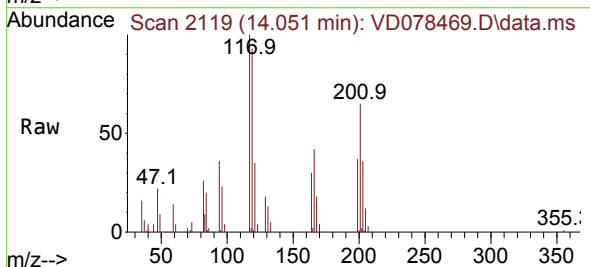
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

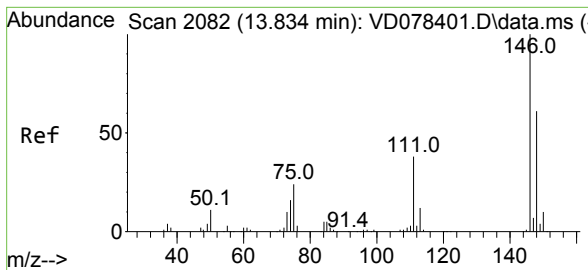
Tgt Ion: 91 Resp: 102902
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 25.8 13.8 41.3



#90
Hexachloroethane
Concen: 49.902 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 117 Resp: 27041
Ion Ratio Lower Upper
117 100
201 65.1 38.5 115.5

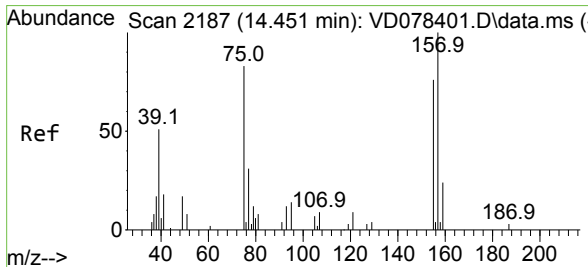
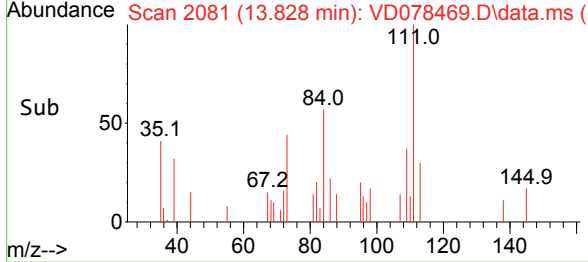
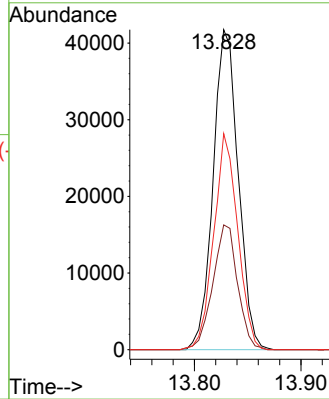
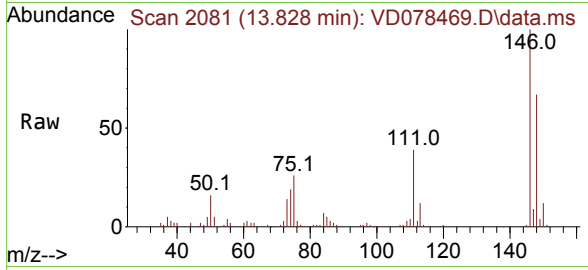




#91
1,2-Dichlorobenzene
Concen: 56.876 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

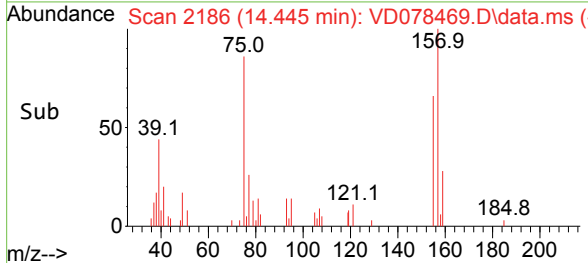
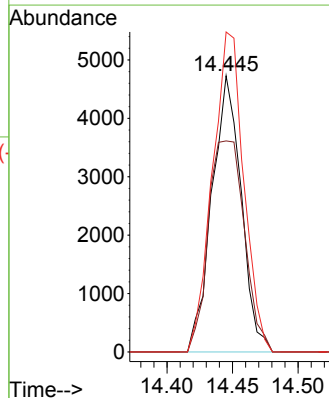
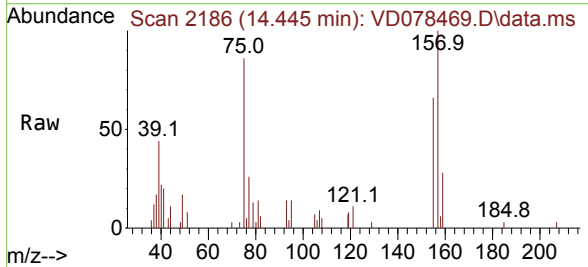
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

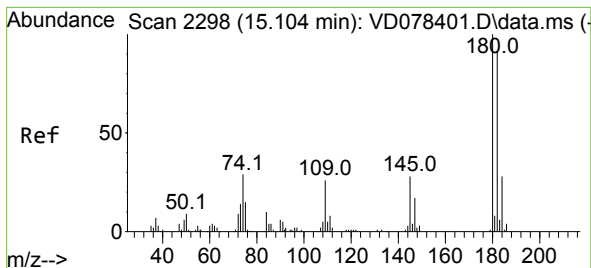
Tgt Ion:146	Resp:	68279
Ion Ratio	Lower	Upper
146	100	
111	38.6	18.3 54.8
148	64.6	31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 98.934 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion: 75	Resp:	7324
Ion Ratio	Lower	Upper
75	100	
155	94.6	47.9 143.8
157	124.1	59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.859 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MS

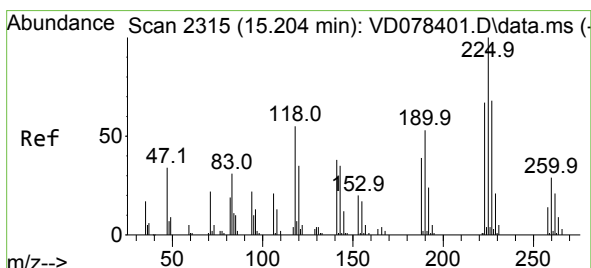
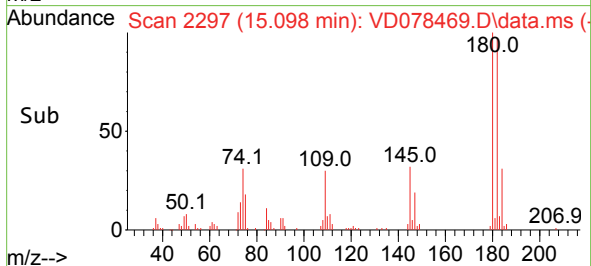
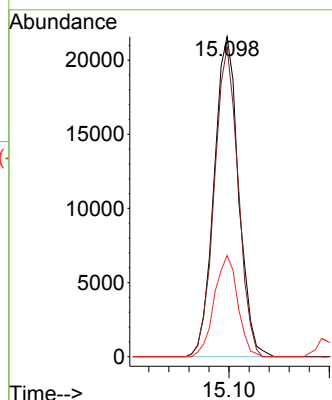
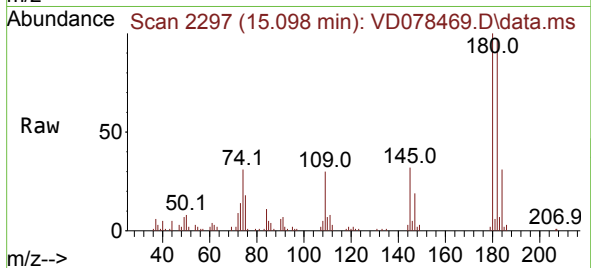
Tgt Ion:180 Resp: 36588

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.6

145 30.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 42.731 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078469.D

Acq: 19 Feb 2024 17:46

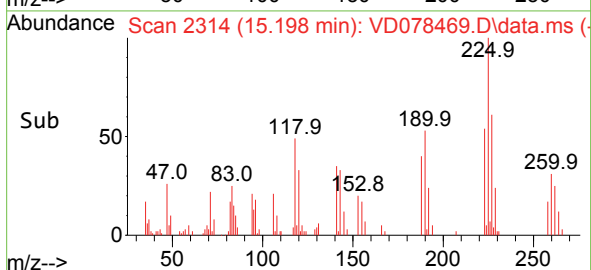
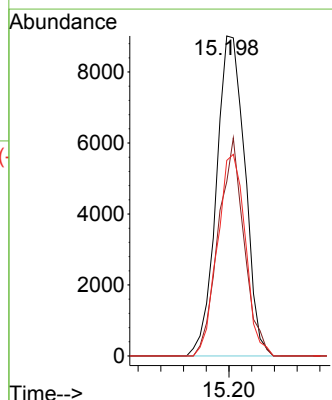
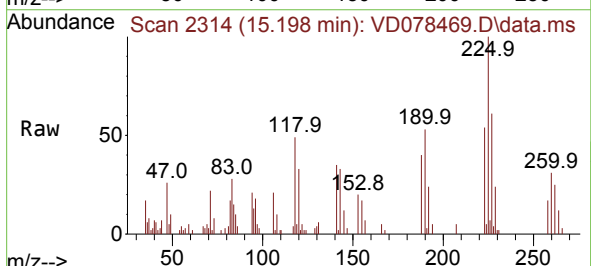
Tgt Ion:225 Resp: 15736

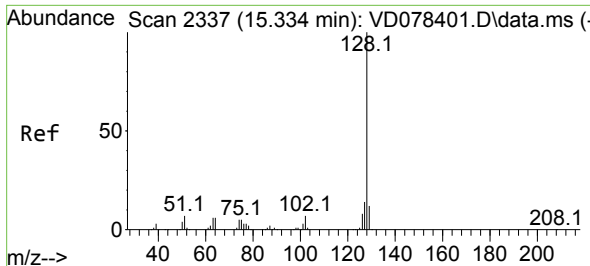
Ion Ratio Lower Upper

225 100

223 61.5 31.6 94.8

227 61.7 31.7 95.1

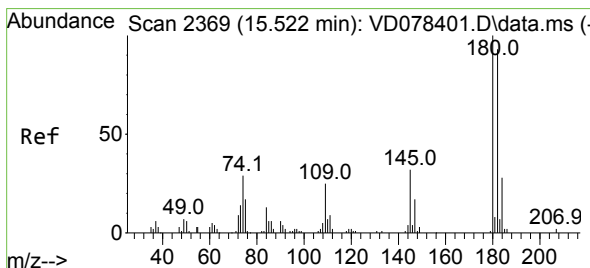
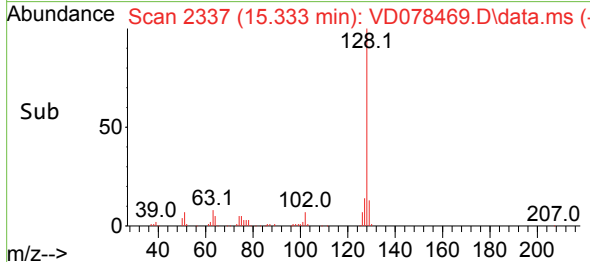
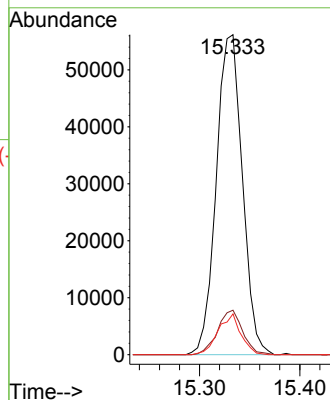
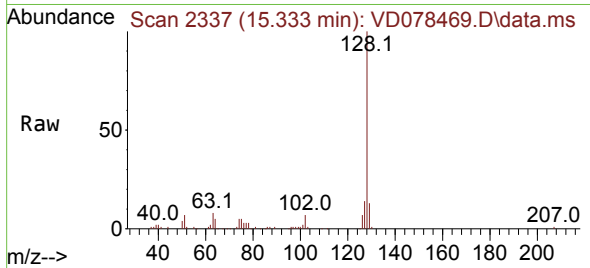




#95
Naphthalene
Concen: 77.502 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MS

Tgt Ion:128 Resp: 101418
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 12.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 58.620 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078469.D
Acq: 19 Feb 2024 17:46

Tgt Ion:180 Resp: 35051
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.9
145 32.4 15.1 45.3

