

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078470.D
 Acq On : 19 Feb 2024 18:13
 Operator : RP/MD
 Sample : P1509-10MSD
 Misc : 5.01G/8ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 19 23:50:15 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	7.881	168	83499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	149489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	137048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57970	64.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.420%	
35) Dibromofluoromethane	7.805	113	60557	63.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.540%	
50) Toluene-d8	10.269	98	214447	56.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.569	95	57648	52.151	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	50513	61.399	ug/l	94
3) Chloromethane	2.152	50	101143	66.896	ug/l	95
4) Vinyl Chloride	2.281	62	141075	61.148	ug/l	98
5) Bromomethane	2.687	94	90214	56.650	ug/l	96
6) Chloroethane	2.828	64	99516	59.153	ug/l	96
7) Trichlorofluoromethane	3.170	101	89513	57.516	ug/l	92
8) Diethyl Ether	3.593	74	28676	63.970	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	52208	53.175	ug/l	99
10) Methyl Iodide	4.164	142	51769	58.871	ug/l #	90
11) Tert butyl alcohol	5.064	59	17040	350.507	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	50757	55.762	ug/l	91
13) Acrolein	3.799	56	6684	80.138	ug/l	94
14) Allyl chloride	4.564	41	61766	54.928	ug/l	91
15) Acrylonitrile	5.258	53	69453	361.928	ug/l	98
16) Acetone	4.022	43	66685	407.943	ug/l	91
17) Carbon Disulfide	4.269	76	152444	49.771	ug/l	99
18) Methyl Acetate	4.569	43	56199	81.933	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	127981	66.177	ug/l	99
20) Methylene Chloride	4.799	84	75005	74.875	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	61396	57.335	ug/l	94
22) Diisopropyl ether	6.222	45	155993	62.939	ug/l	95
23) Vinyl Acetate	6.158	43	366254	367.125	ug/l	93
24) 1,1-Dichloroethane	6.116	63	105574	60.130	ug/l	96
25) 2-Butanone	7.087	43	79849	355.717	ug/l	91
26) 2,2-Dichloropropane	7.075	77	81624	55.456	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	71901	61.200	ug/l	97
28) Bromochloromethane	7.434	49	39374	56.620	ug/l	82
29) Tetrahydrofuran	7.446	42	49391	367.862	ug/l	90
30) Chloroform	7.593	83	114994	61.903	ug/l	97
31) Cyclohexane	7.875	56	75381	49.358	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	91924	58.039	ug/l	99
36) 1,1-Dichloropropene	8.010	75	76317	51.735	ug/l	97
37) Ethyl Acetate	7.169	43	33114	64.037	ug/l	95
38) Carbon Tetrachloride	7.993	117	79016	54.088	ug/l	96
39) Methylcyclohexane	9.275	83	79408	45.344	ug/l	97
40) Benzene	8.252	78	245943	57.681	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078470.D
 Acq On : 19 Feb 2024 18:13
 Operator : RP/MD
 Sample : P1509-10MSD
 Misc : 5.01G/8ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 19 23:50:15 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)
41) Methacrylonitrile	7.399	41	17606	65.420	ug/l #	93
42) 1,2-Dichloroethane	8.322	62	69867	63.327	ug/l	95
43) Isopropyl Acetate	8.363	43	64656	67.522	ug/l	93
44) Trichloroethene	9.028	130	61243	56.301	ug/l	90
45) 1,2-Dichloropropane	9.304	63	62142	59.400	ug/l	97
46) Dibromomethane	9.393	93	38461	65.362	ug/l	90
47) Bromodichloromethane	9.587	83	88716	60.871	ug/l	99
48) Methyl methacrylate	9.381	41	36009	70.881	ug/l	83
49) 1,4-Dioxane	9.381	88	8507	1334.963	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	173245	340.884	ug/l	92
52) Toluene	10.334	92	154773	57.400	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	79810	60.013	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	96640	59.928	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	52534	66.295	ug/l	94
56) Ethyl methacrylate	10.599	69	42737	58.313	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	85984	63.787	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	112622	260.879	ug/l	96
59) 2-Hexanone	10.922	43	117029	306.411	ug/l	92
60) Dibromochloromethane	11.069	129	61855	64.876	ug/l	96
61) 1,2-Dibromoethane	11.181	107	48997	65.861	ug/l	99
64) Tetrachloroethene	10.810	164	47113	54.426	ug/l	87
65) Chlorobenzene	11.604	112	156435	56.778	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	64004	63.212	ug/l	98
67) Ethyl Benzene	11.681	91	263867	53.451	ug/l	97
68) m/p-Xylenes	11.793	106	217754	113.083	ug/l	92
69) o-Xylene	12.116	106	101344	57.672	ug/l	94
70) Styrene	12.134	104	139543	48.657	ug/l	93
71) Bromoform	12.298	173	35565	66.734	ug/l #	100
73) Isopropylbenzene	12.416	105	228971	56.362	ug/l	96
74) N-amyl acetate	12.234	43	54181	70.497	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	61932	76.852	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	68926	134.195	ug/l #	100
77) Bromobenzene	12.698	156	63619	66.634	ug/l	90
78) n-propylbenzene	12.763	91	244090	48.214	ug/l	96
79) 2-Chlorotoluene	12.845	91	161095	59.410	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	203409	60.299	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	17990	72.714	ug/l	96
82) 4-Chlorotoluene	12.945	91	168625	57.902	ug/l	95
83) tert-Butylbenzene	13.163	119	167892	59.014	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	201754	58.930	ug/l	97
85) sec-Butylbenzene	13.345	105	191688	43.446	ug/l	97
86) p-Isopropyltoluene	13.457	119	202372	53.851	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	111127	54.535	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	110375	55.127	ug/l	99
89) n-Butylbenzene	13.787	91	129230	35.678	ug/l	97
90) Hexachloroethane	14.051	117	43187	55.914	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	101269	59.182	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8037	76.166	ug/l	99
93) 1,2,4-Trichlorobenzene	15.092	180	40019	39.794	ug/l	100
94) Hexachlorobutadiene	15.198	225	17424	33.194	ug/l	99
95) Naphthalene	15.328	128	112815	60.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	36934	43.335	ug/l	98

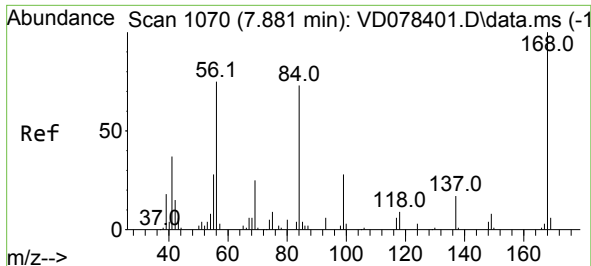
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
Data File : VD078470.D
Acq On : 19 Feb 2024 18:13
Operator : RP/MD
Sample : P1509-10MSD
Misc : 5.01G/8ml/MSVOA_D/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 19 23:50:15 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)
----------	------	------	----------	------	-------	----------

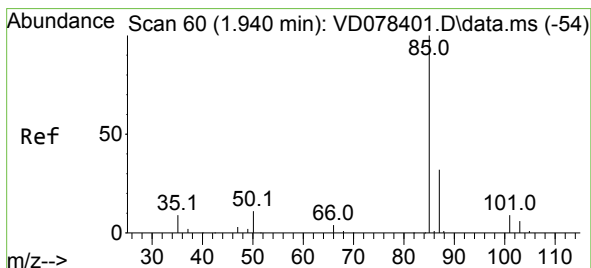
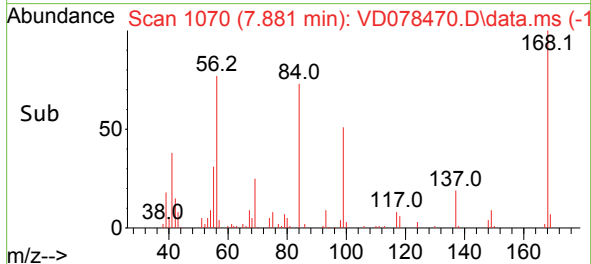
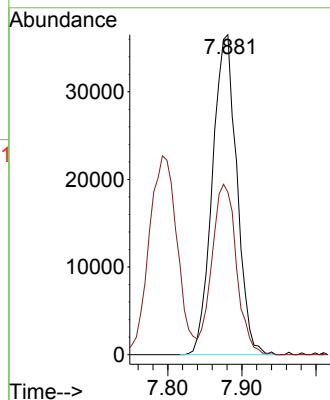
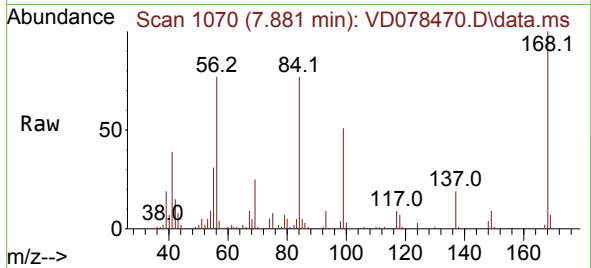
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

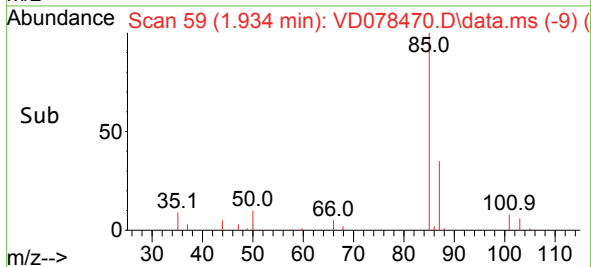
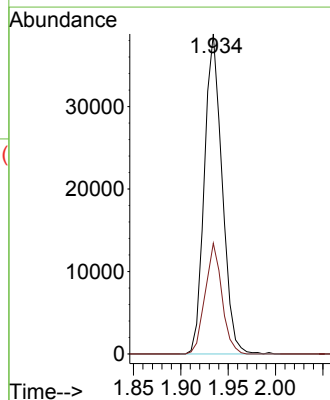
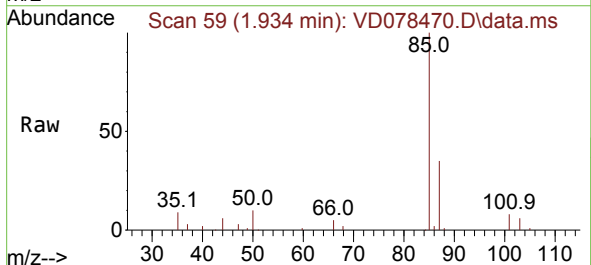
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

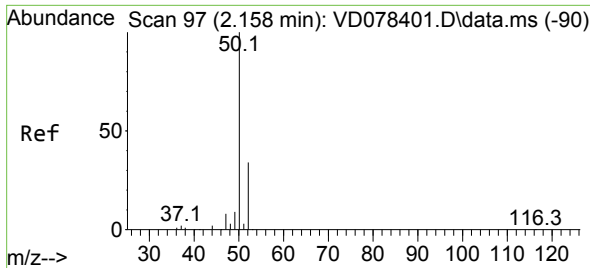
Tgt Ion:168 Resp: 83499
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 61.399 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 85 Resp: 50513
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.0

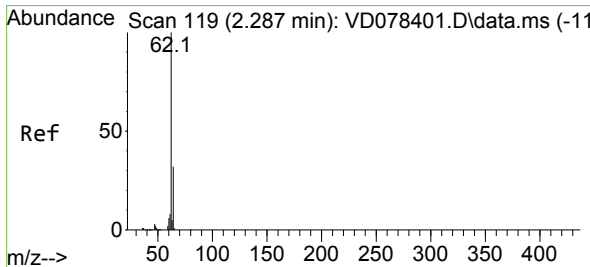
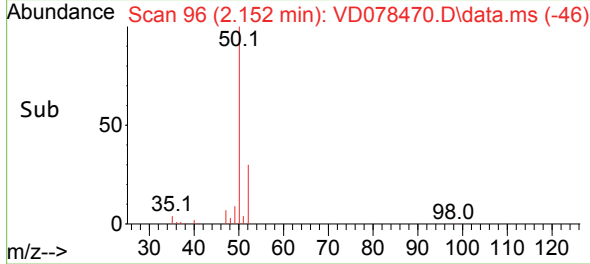
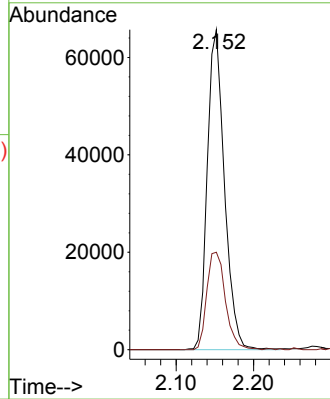
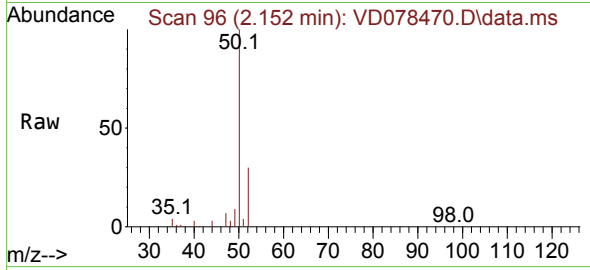




#3
Chloromethane
Concen: 66.896 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

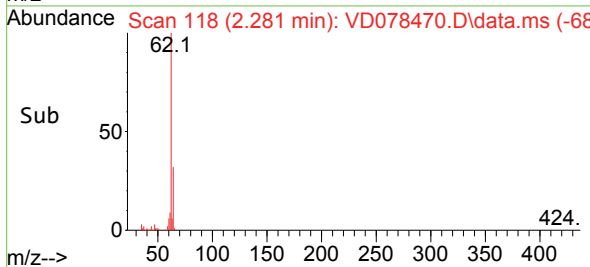
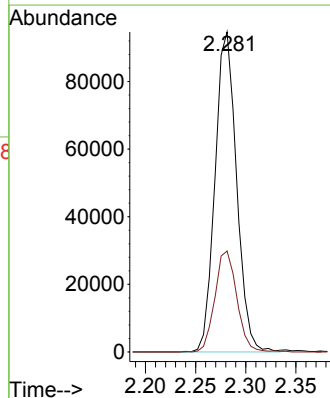
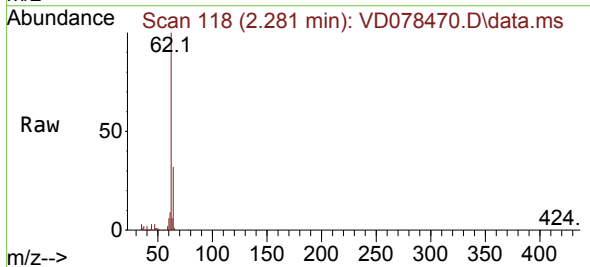
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

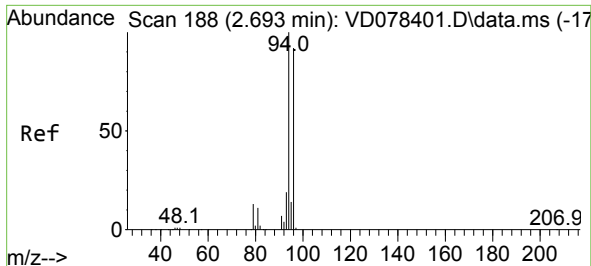
Tgt Ion: 50 Resp: 101143
Ion Ratio Lower Upper
50 100
52 30.4 26.6 40.0



#4
Vinyl Chloride
Concen: 61.148 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 62 Resp: 141075
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0

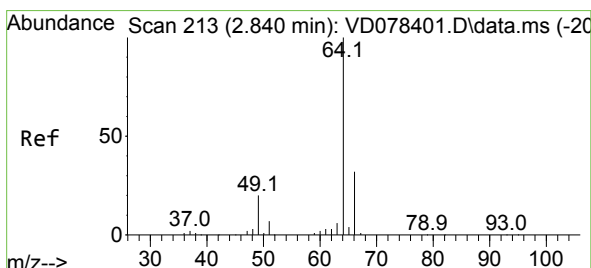
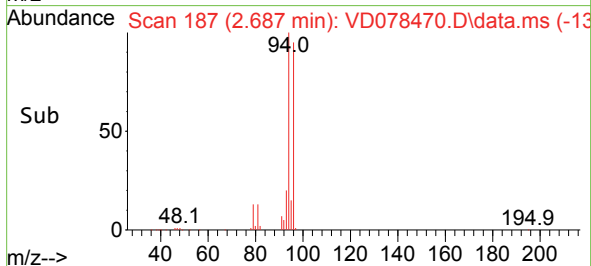
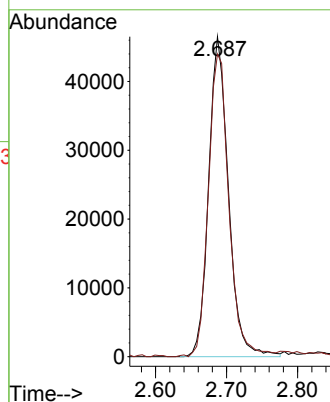
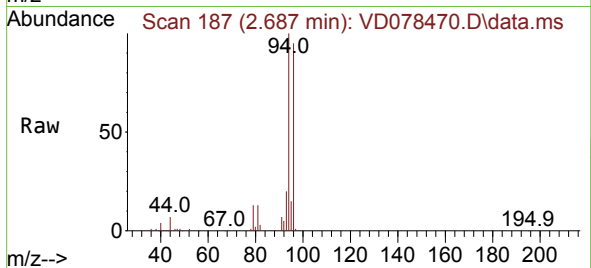




#5
Bromomethane
Concen: 56.650 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

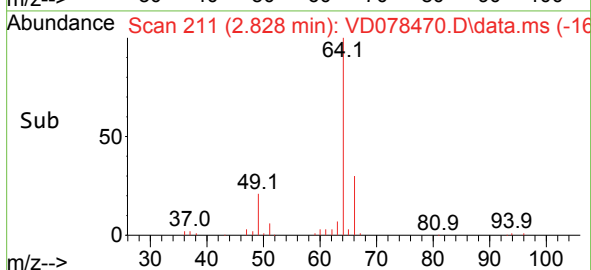
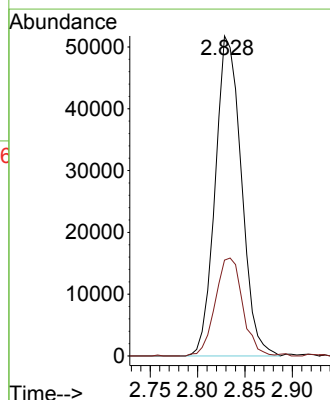
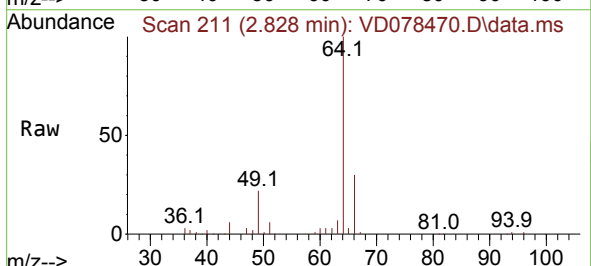
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

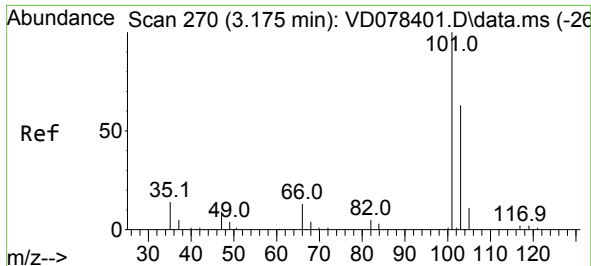
Tgt Ion: 94 Resp: 90214
Ion Ratio Lower Upper
94 100
96 98.2 75.8 113.8



#6
Chloroethane
Concen: 59.153 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 64 Resp: 99516
Ion Ratio Lower Upper
64 100
66 29.9 25.5 38.3

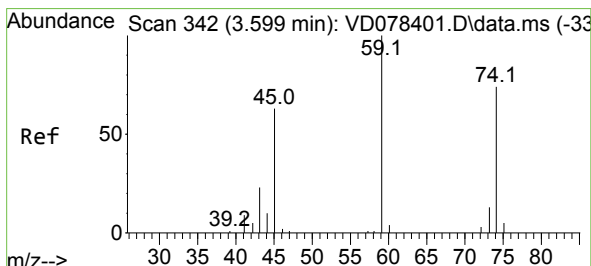
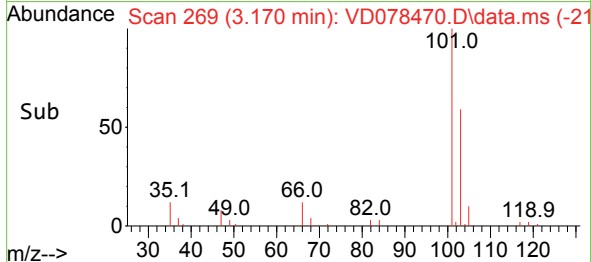
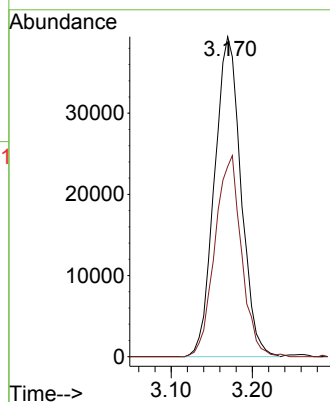
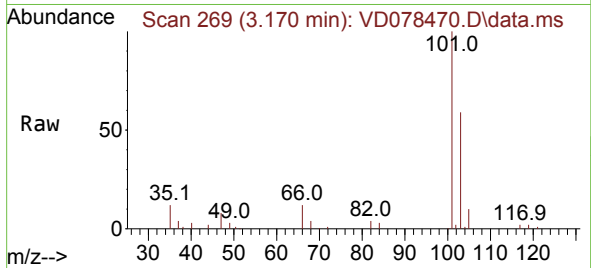




#7
 Trichlorofluoromethane
 Concen: 57.516 ug/l
 RT: 3.170 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

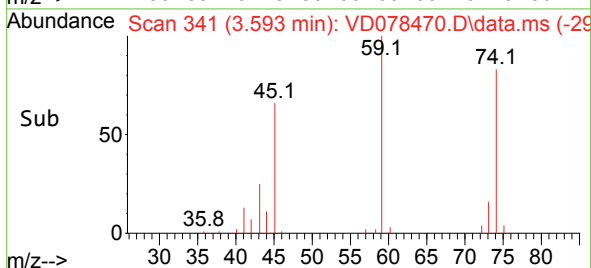
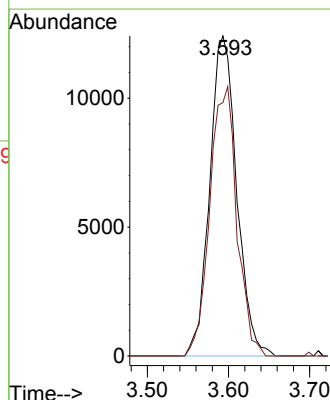
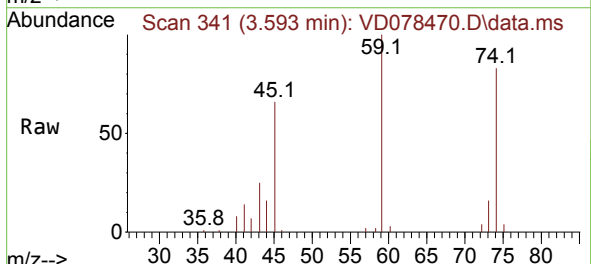
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MSD

Tgt Ion:101 Resp: 89513
 Ion Ratio Lower Upper
 101 100
 103 59.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 63.970 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

Tgt Ion: 74 Resp: 28676
 Ion Ratio Lower Upper
 74 100
 45 84.2 37.5 112.7

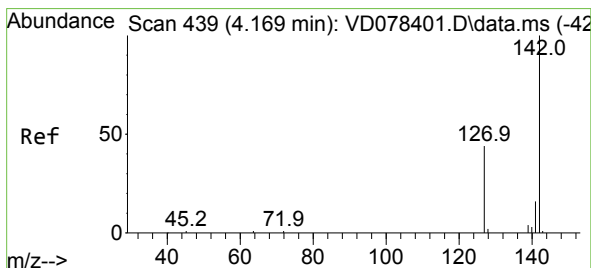
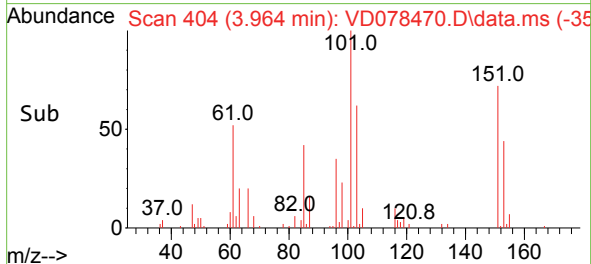
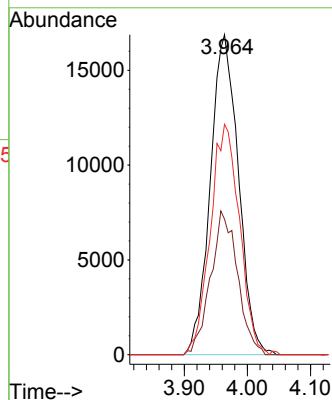
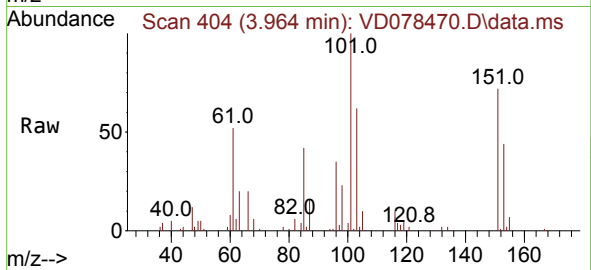




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.175 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

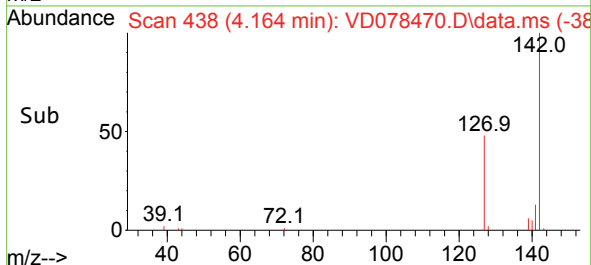
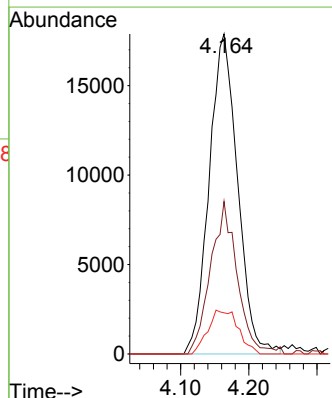
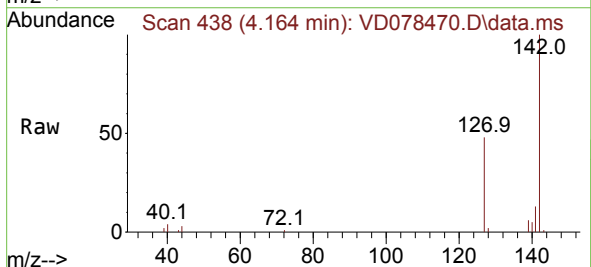
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

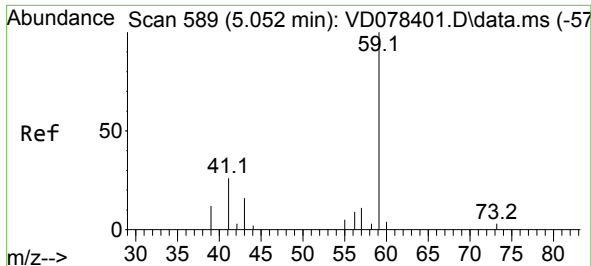
Tgt Ion:101 Resp: 52208
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 74.5 59.8 89.6



#10
Methyl Iodide
Concen: 58.871 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:142 Resp: 51769
Ion Ratio Lower Upper
142 100
127 44.8 29.4 44.0#
141 14.6 11.1 16.7

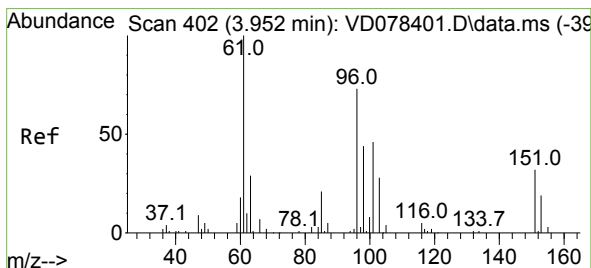
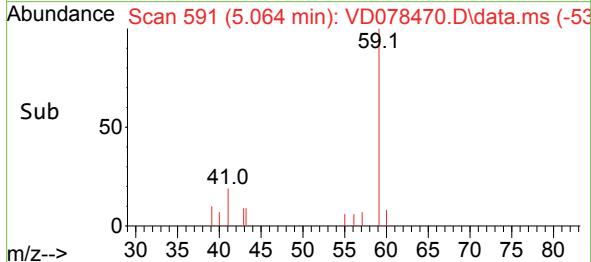
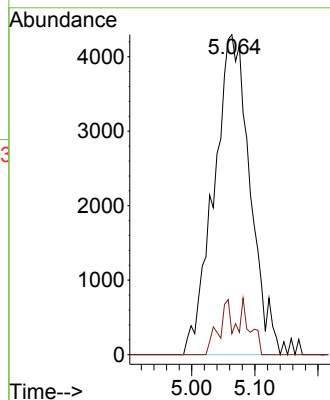
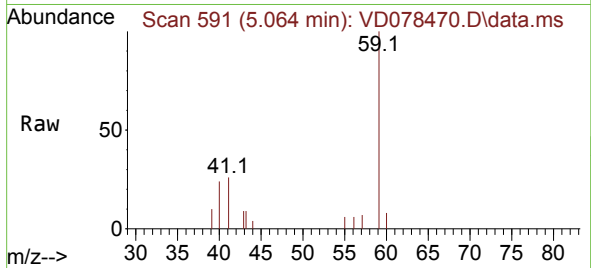




#11
Tert butyl alcohol
Concen: 350.507 ug/l
RT: 5.064 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

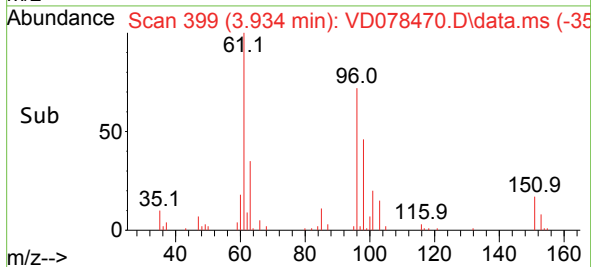
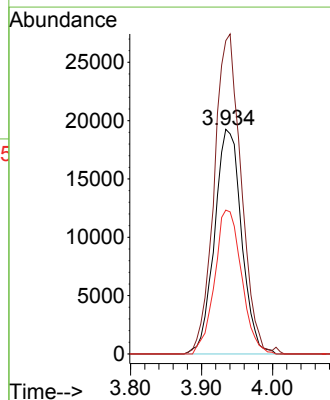
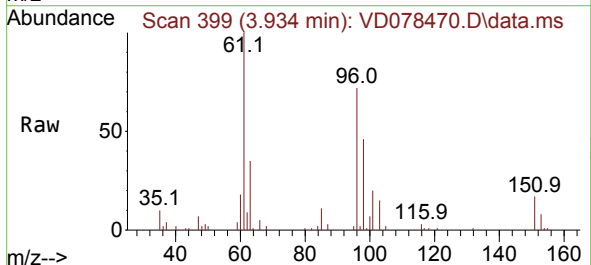
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

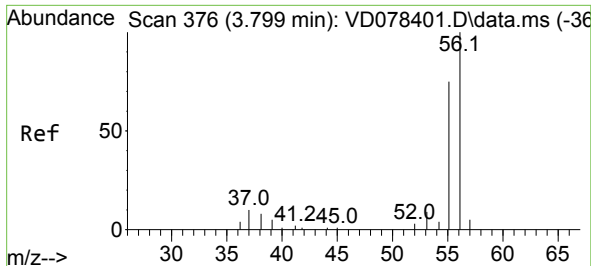
Tgt Ion: 59 Resp: 17040
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 55.762 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 96 Resp: 50757
Ion Ratio Lower Upper
96 100
61 139.5 100.6 150.8
98 64.0 50.2 75.2





#13

Acrolein

Concen: 80.138 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

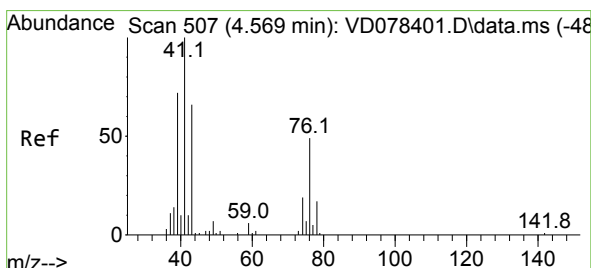
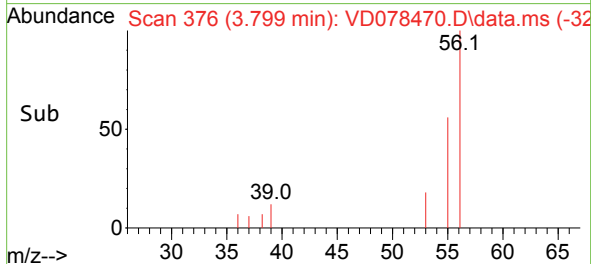
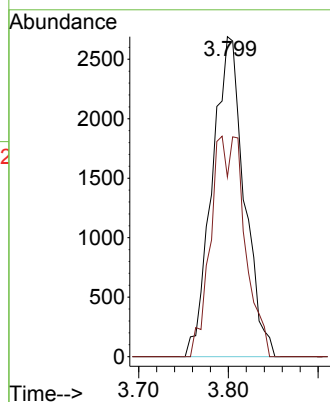
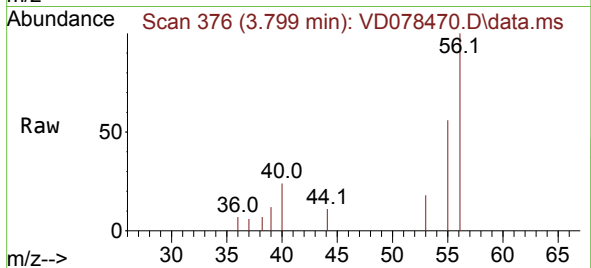
BP-VPB-191-GW-858-860MSD

Tgt Ion: 56 Resp: 6684

Ion Ratio Lower Upper

56 100

55 73.4 55.1 82.7



#14

Allyl chloride

Concen: 54.928 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

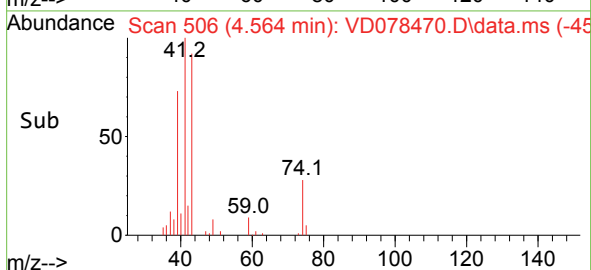
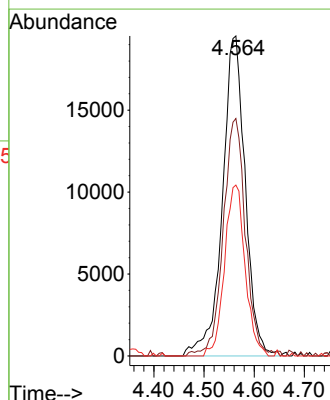
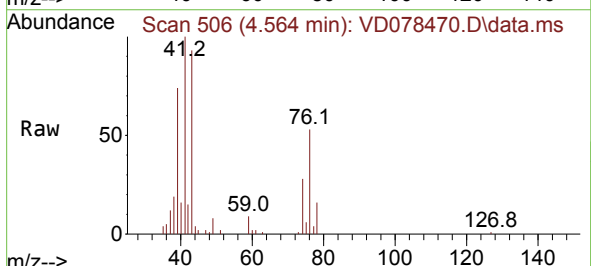
Tgt Ion: 41 Resp: 61766

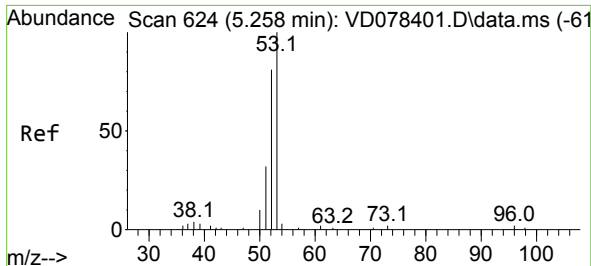
Ion Ratio Lower Upper

41 100

39 72.6 53.8 80.6

76 48.2 45.8 68.8

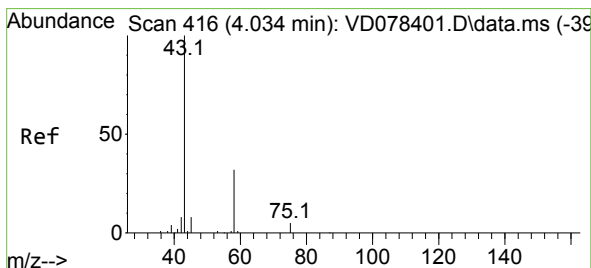
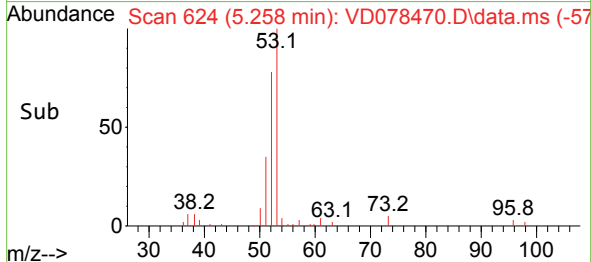
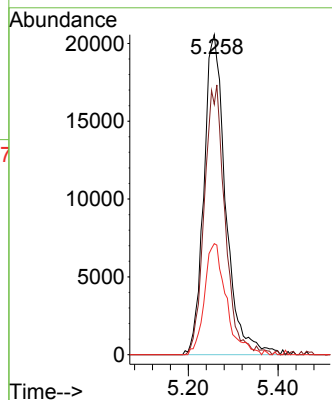
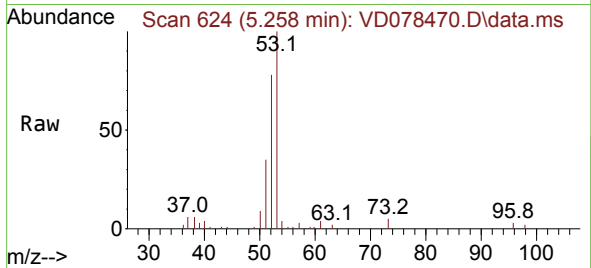




#15
Acrylonitrile
Concen: 361.928 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

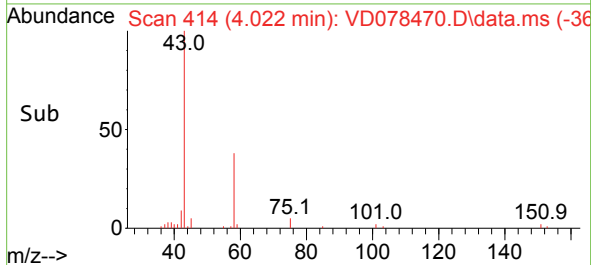
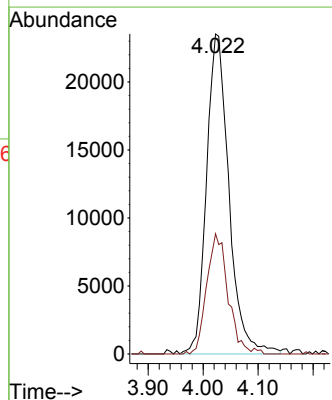
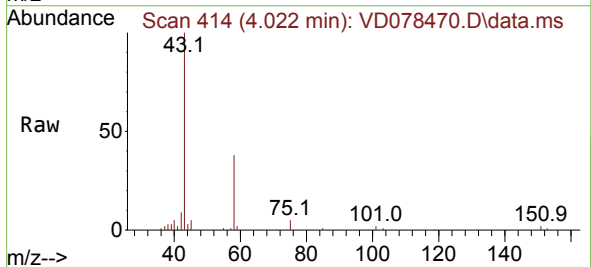
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

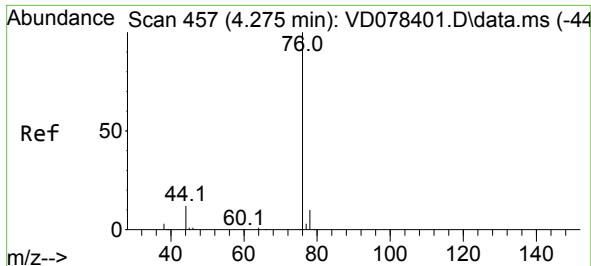
Tgt Ion:	53	Resp:	69453
Ion	Ratio	Lower	Upper
53	100		
52	79.4	65.0	97.4
51	34.7	28.3	42.5



#16
Acetone
Concen: 407.943 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:	43	Resp:	66685
Ion	Ratio	Lower	Upper
43	100		
58	37.6	34.7	52.1





#17

Carbon Disulfide

Concen: 49.771 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

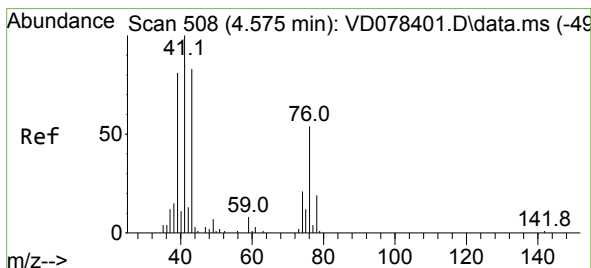
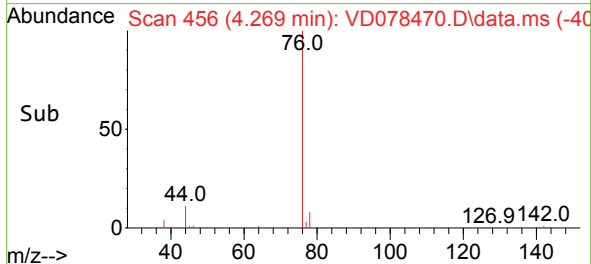
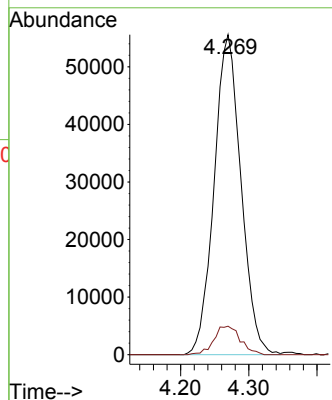
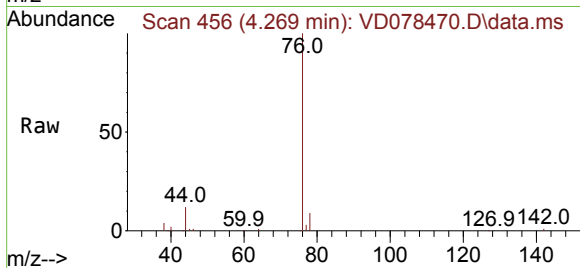
BP-VPB-191-GW-858-860MSD

Tgt Ion: 76 Resp: 152444

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2



#18

Methyl Acetate

Concen: 81.933 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.006 min

Lab File: VD078470.D

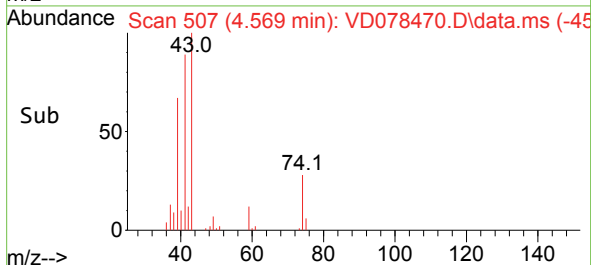
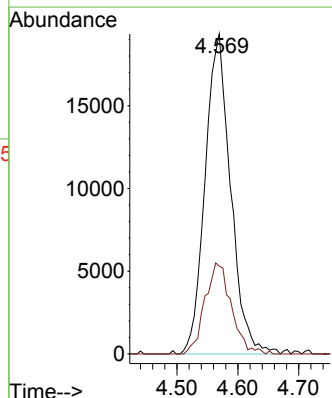
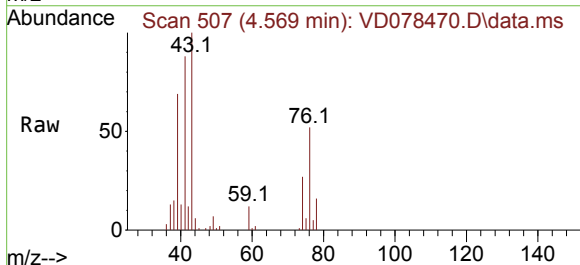
Acq: 19 Feb 2024 18:13

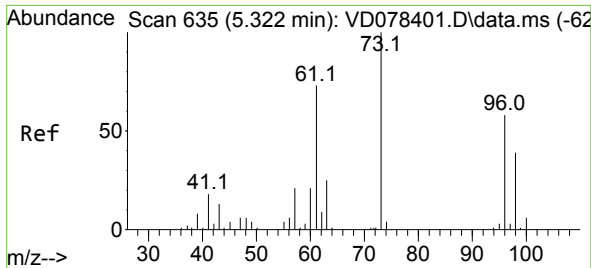
Tgt Ion: 43 Resp: 56199

Ion Ratio Lower Upper

43 100

74 29.4 26.4 39.6

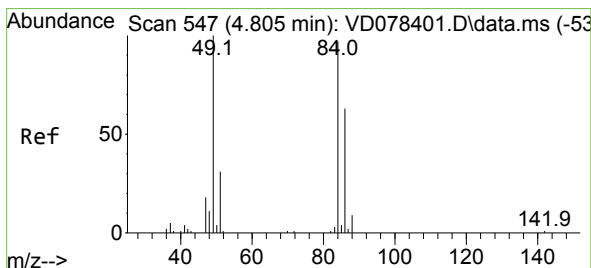
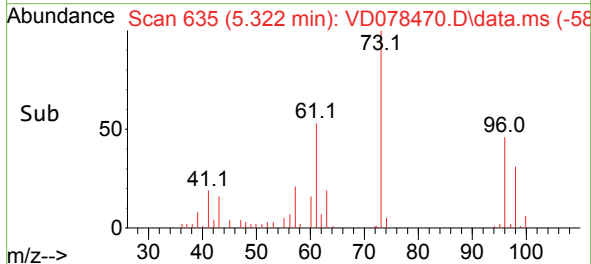
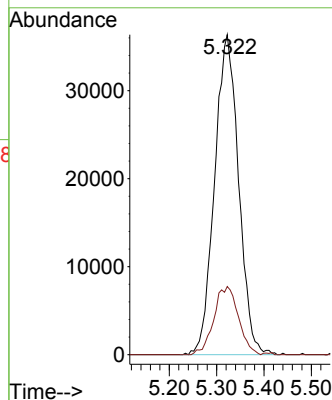
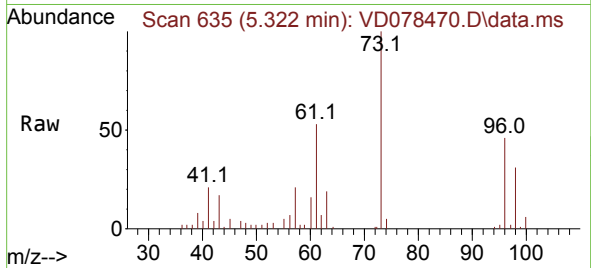




#19
Methyl tert-butyl Ether
Concen: 66.177 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

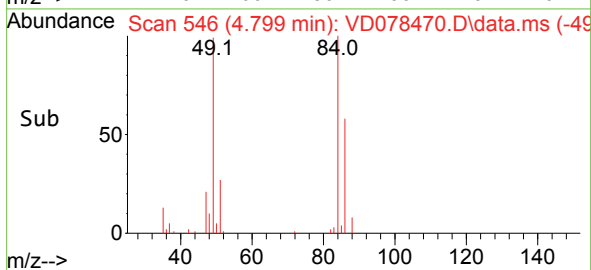
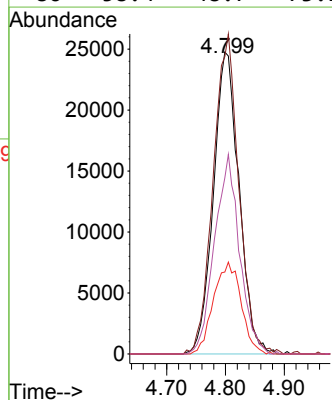
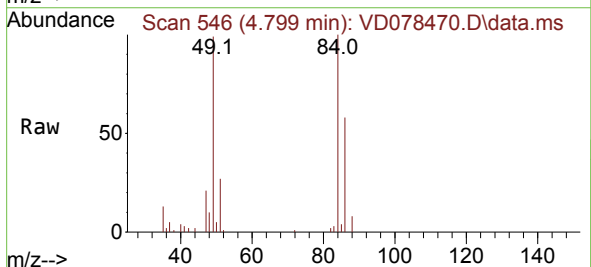
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion: 73 Resp: 127981
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0



#20
Methylene Chloride
Concen: 74.875 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 84 Resp: 75005
Ion Ratio Lower Upper
84 100
49 98.5 71.4 107.2
51 27.1 24.5 36.7
86 58.4 48.7 73.1

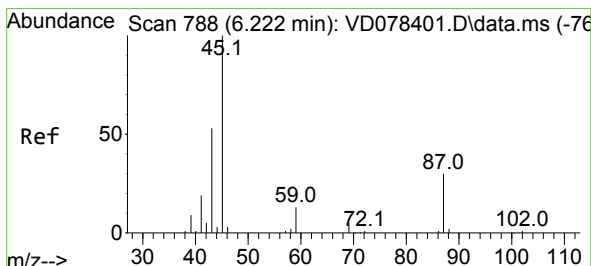
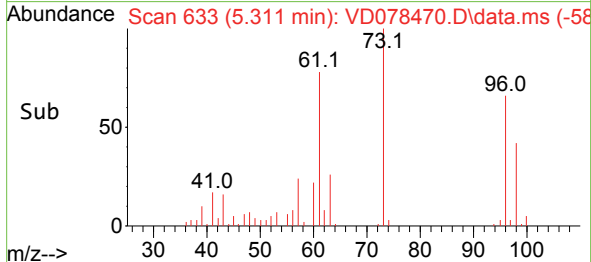
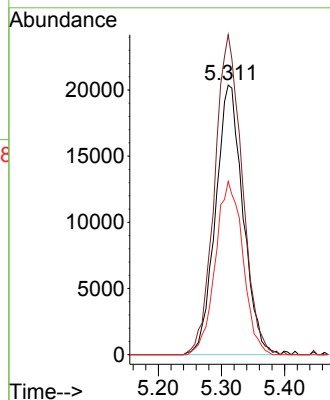
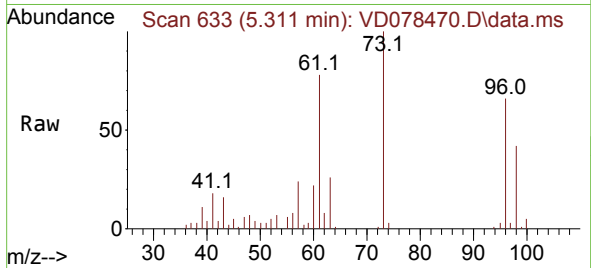




#21
trans-1,2-Dichloroethene
Concen: 57.335 ug/l
RT: 5.311 min Scan# 613
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

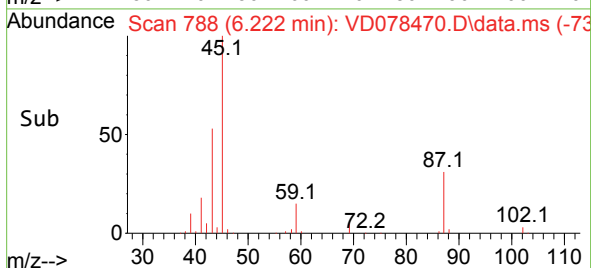
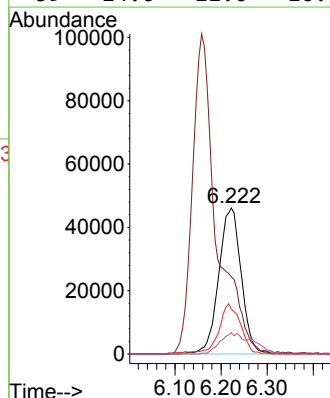
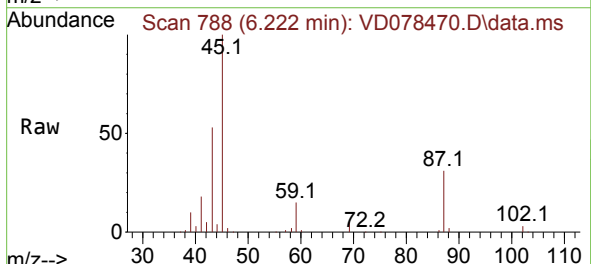
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

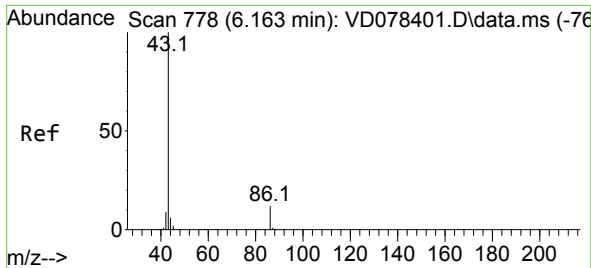
Tgt Ion: 96 Resp: 61396
Ion Ratio Lower Upper
96 100
61 118.7 89.3 133.9
98 64.3 48.6 73.0



#22
Diisopropyl ether
Concen: 62.939 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 45 Resp: 155993
Ion Ratio Lower Upper
45 100
43 51.9 40.0 60.0
87 30.6 28.2 42.4
59 14.6 11.0 16.4

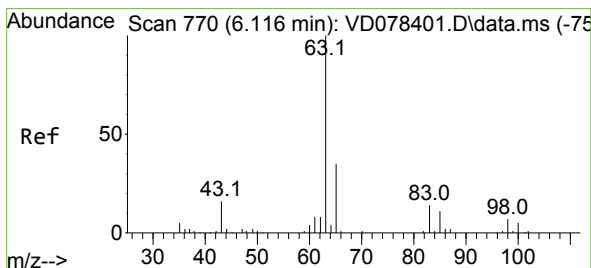
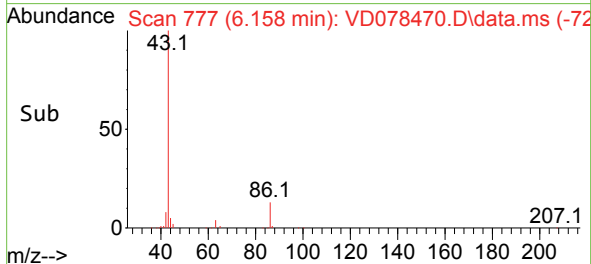
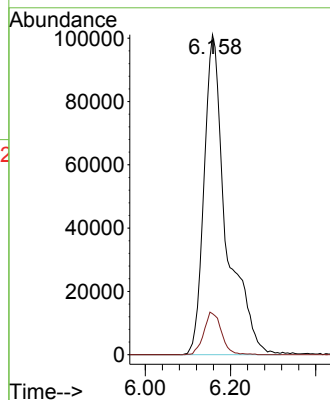
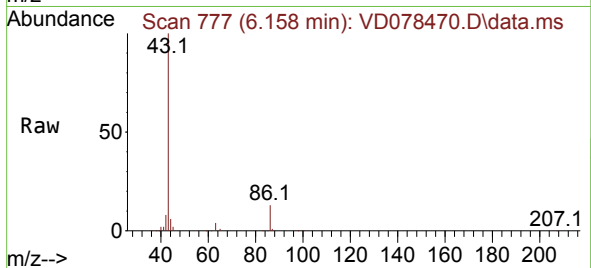




#23
 Vinyl Acetate
 Concen: 367.125 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

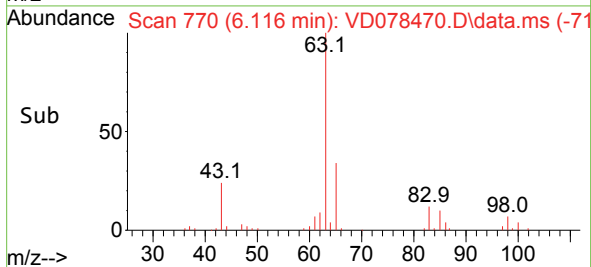
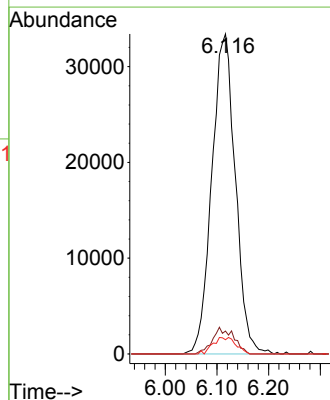
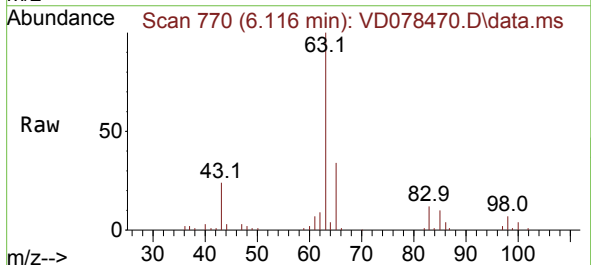
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MSD

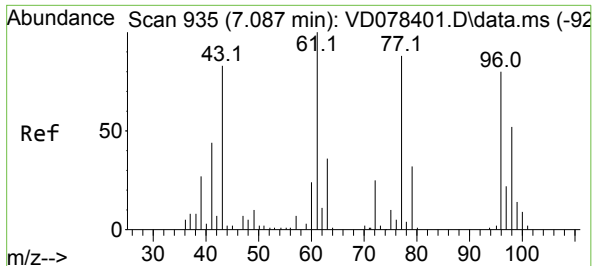
Tgt Ion: 43 Resp: 366254
 Ion Ratio Lower Upper
 43 100
 86 12.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 60.130 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

Tgt Ion: 63 Resp: 105574
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.5 2.5 7.5

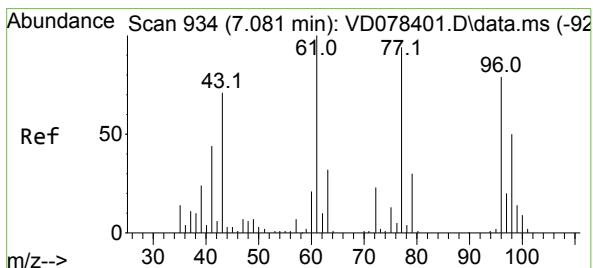
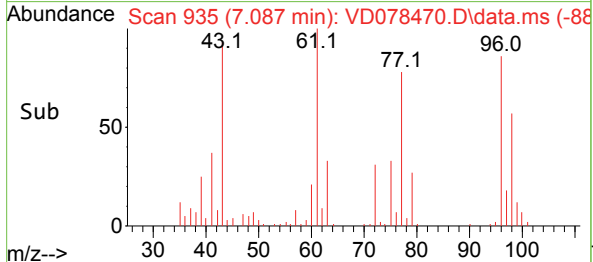
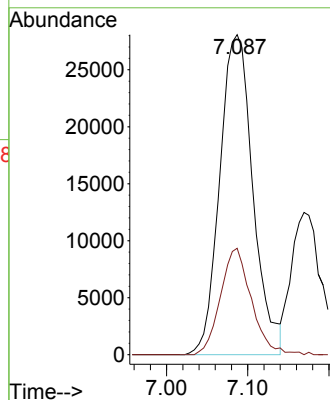
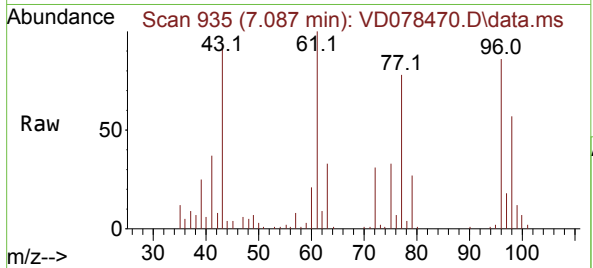




#25
2-Butanone
Concen: 355.717 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

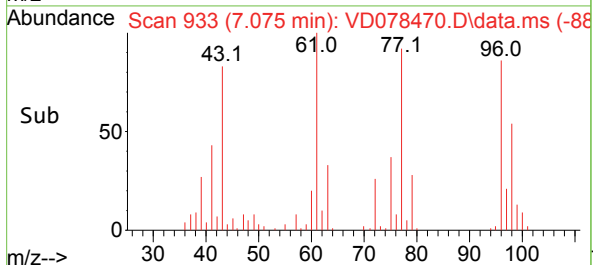
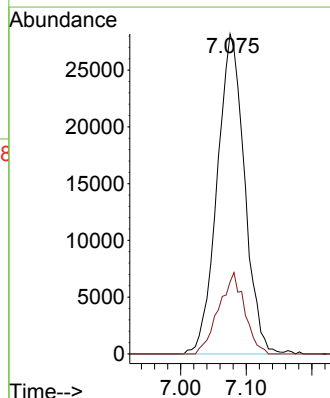
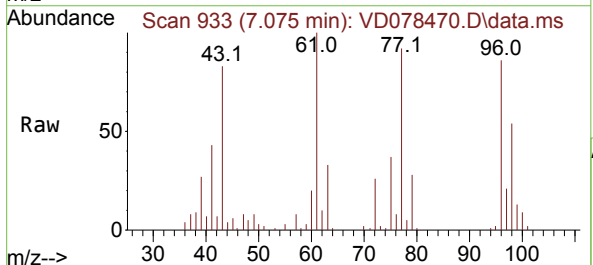
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion: 43 Resp: 79849
Ion Ratio Lower Upper
43 100
72 33.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 55.456 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 77 Resp: 81624
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 61.200 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

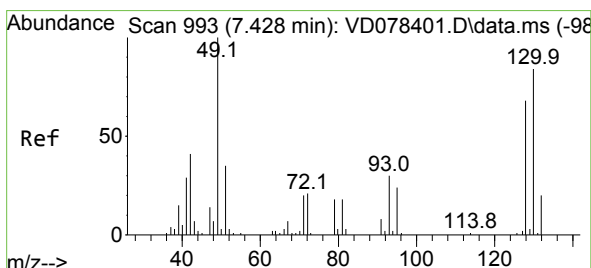
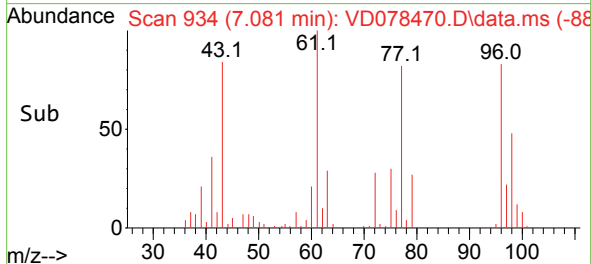
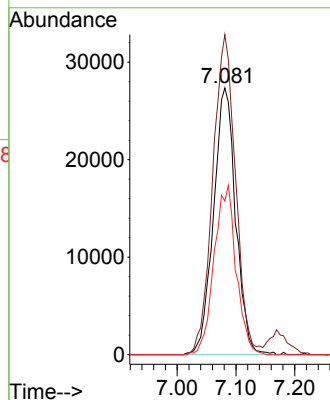
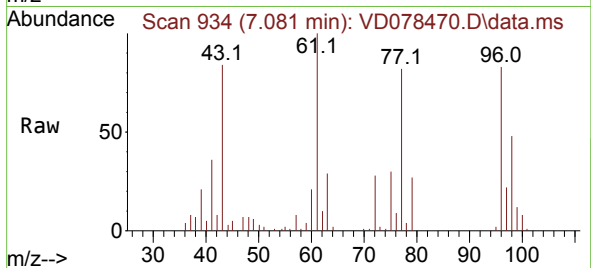
Tgt Ion: 96 Resp: 71901

Ion Ratio Lower Upper

96 100

61 123.4 0.0 239.2

98 62.9 0.0 128.6



#28

Bromochloromethane

Concen: 56.620 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

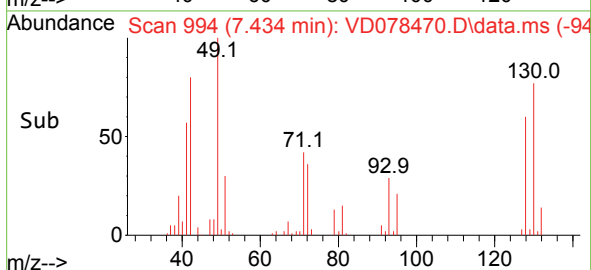
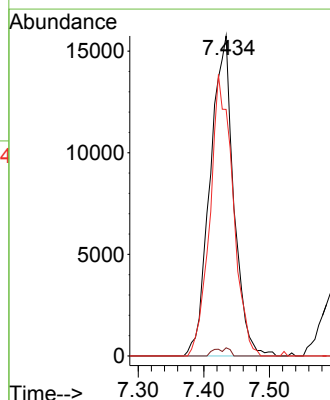
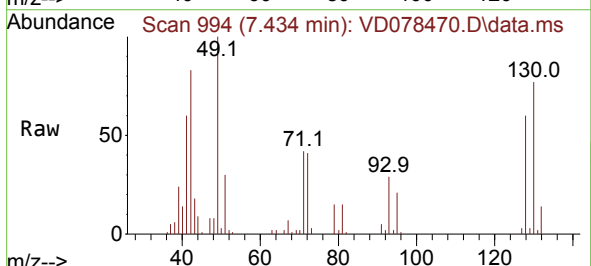
Tgt Ion: 49 Resp: 39374

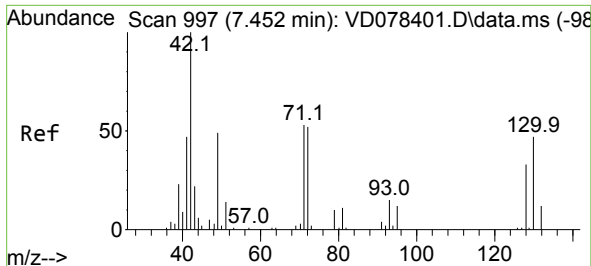
Ion Ratio Lower Upper

49 100

129 1.0 0.0 6.0

130 85.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 367.862 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078470.D

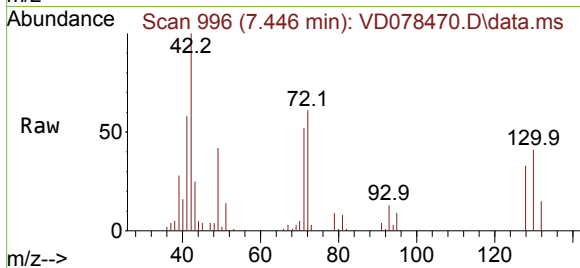
Acq: 19 Feb 2024 18:13

Instrument :

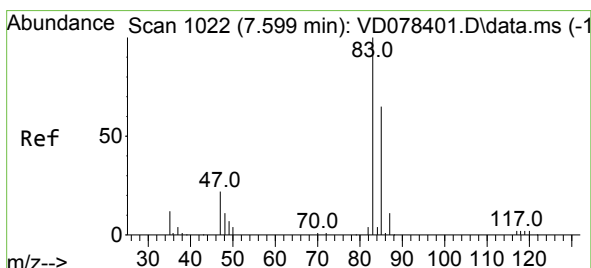
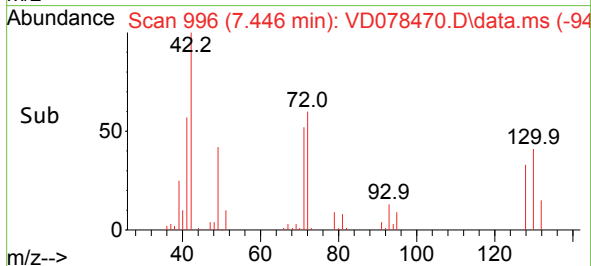
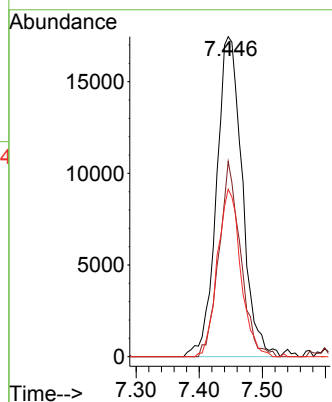
MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD



Tgt Ion:	42	Resp:	49391
Ion	Ratio	Lower	Upper
42	100		
72	51.5	46.5	69.7
71	47.6	44.5	66.7



#30

Chloroform

Concen: 61.903 ug/l

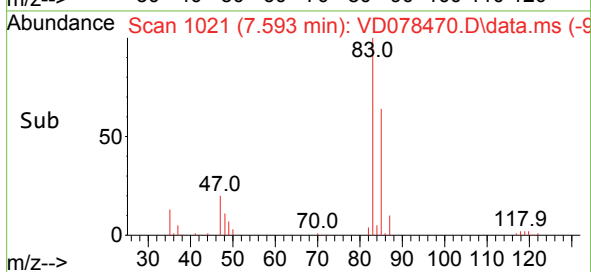
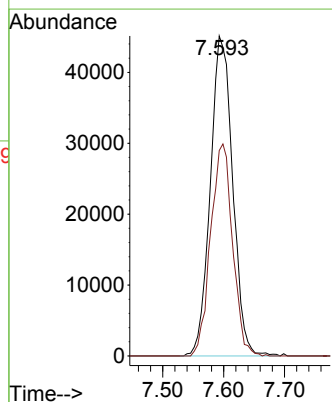
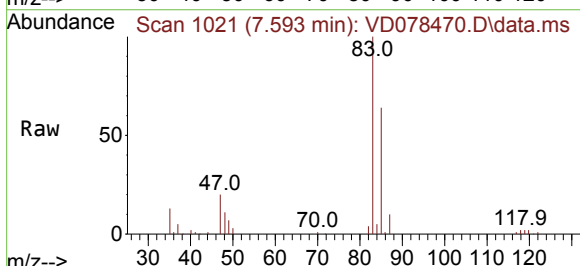
RT: 7.593 min Scan# 1021

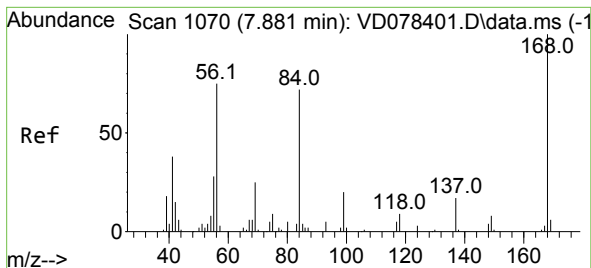
Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion:	83	Resp:	114994
Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.4	80.2





#31

Cyclohexane

Concen: 49.358 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

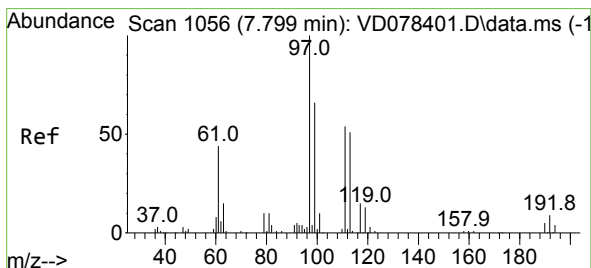
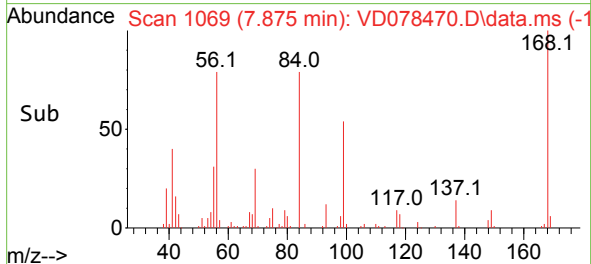
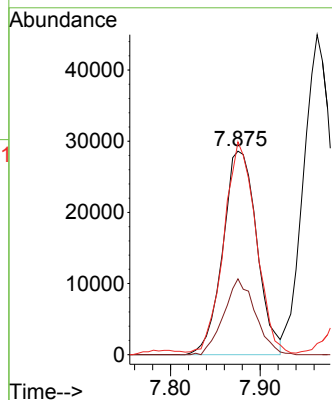
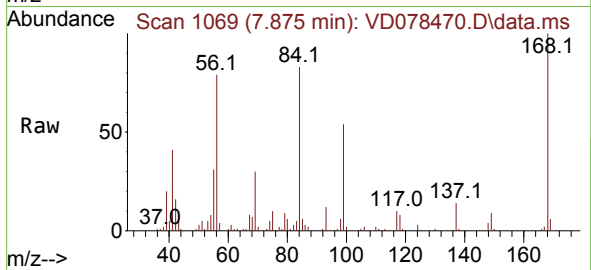
Tgt Ion: 56 Resp: 75381

Ion Ratio Lower Upper

56 100

69 37.2 28.6 43.0

84 102.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 58.039 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

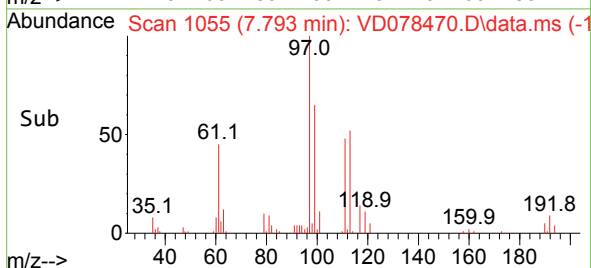
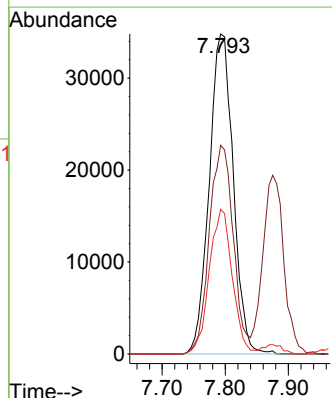
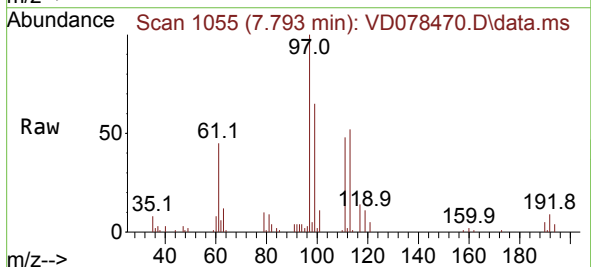
Tgt Ion: 97 Resp: 91924

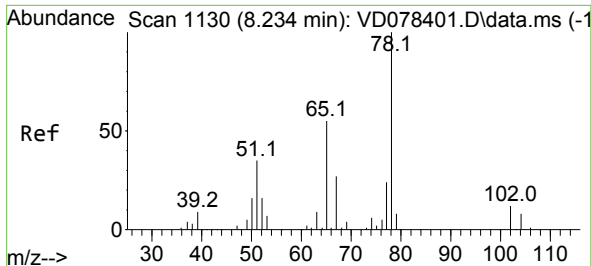
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 43.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 64.209 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

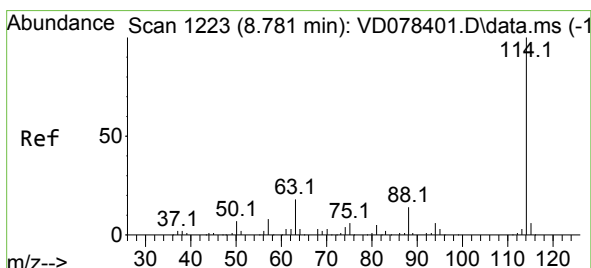
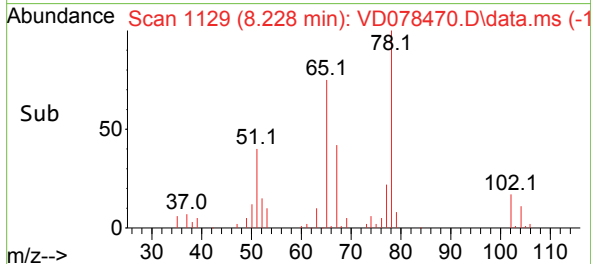
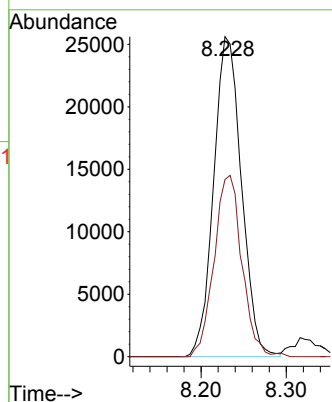
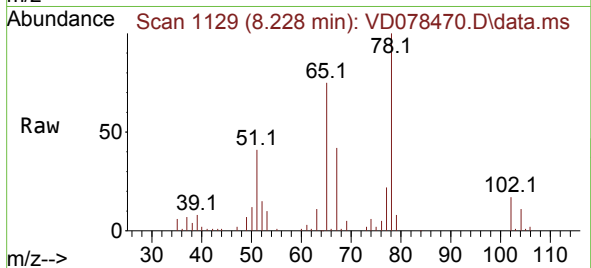
BP-VPB-191-GW-858-860MSD

Tgt Ion: 65 Resp: 57970

Ion Ratio Lower Upper

65 100

67 56.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

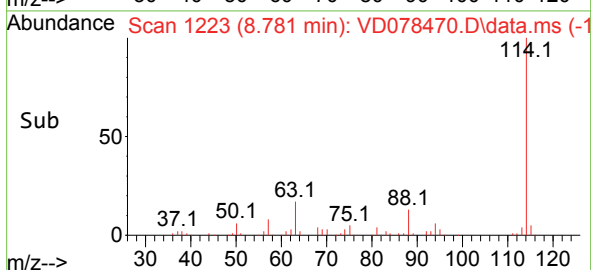
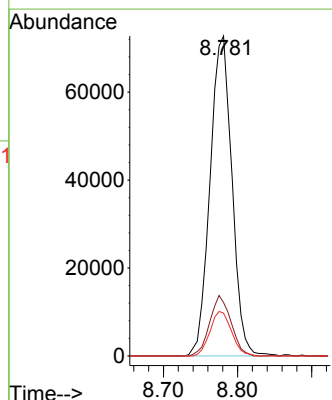
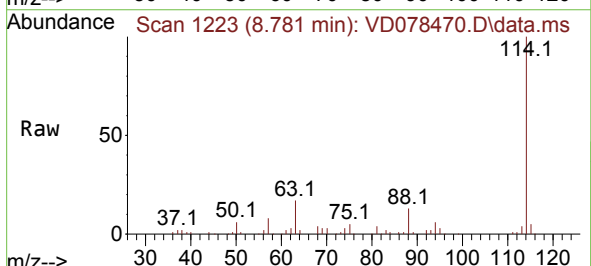
Tgt Ion: 114 Resp: 149489

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 63.772 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078470.D

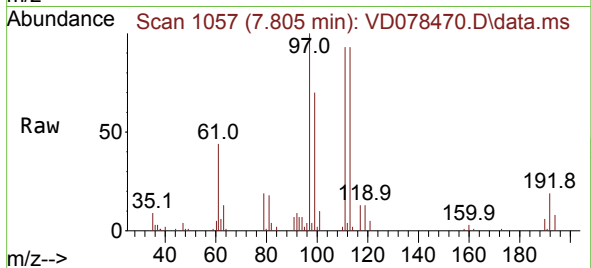
Acq: 19 Feb 2024 18:13

Instrument :

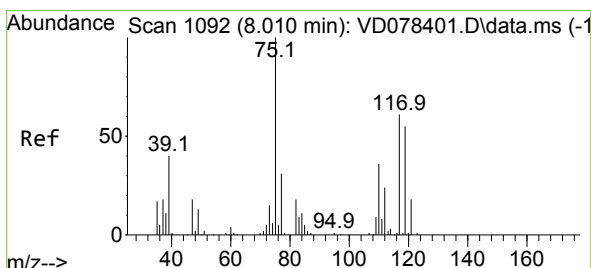
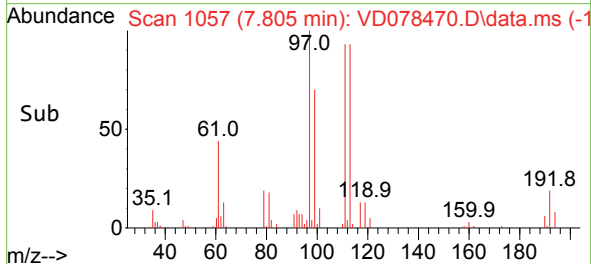
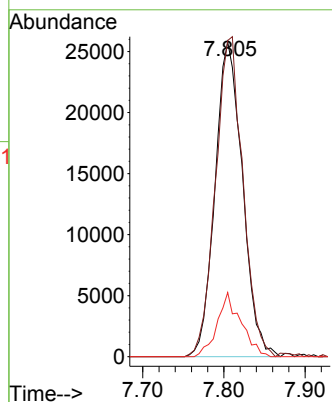
MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD



Tgt Ion:	113	Resp:	60557
Ion Ratio	Lower	Upper	
113	100		
111	101.4	84.7	127.1
192	17.6	16.8	25.2



#36

1,1-Dichloropropene

Concen: 51.735 ug/l

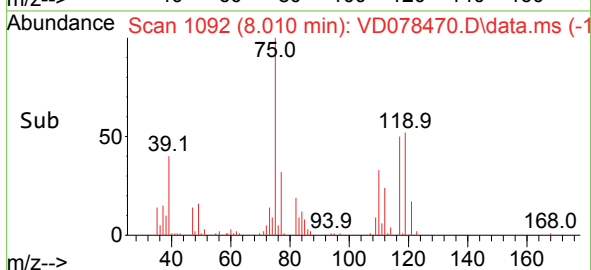
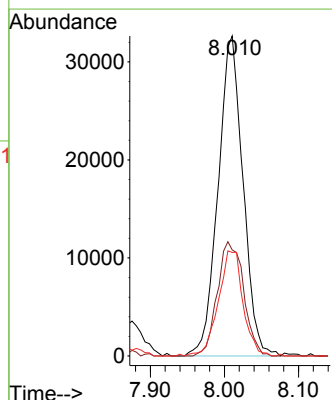
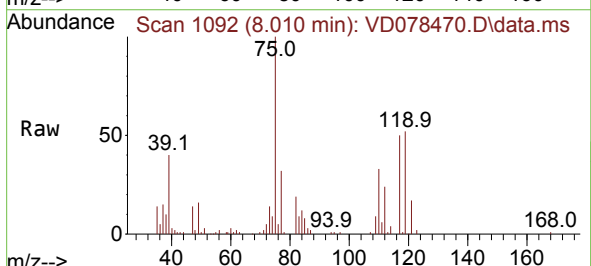
RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion:	75	Resp:	76317
Ion Ratio	Lower	Upper	
75	100		
110	37.6	19.9	59.6
77	32.6	24.7	37.1





#37

Ethyl Acetate

Concen: 64.037 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

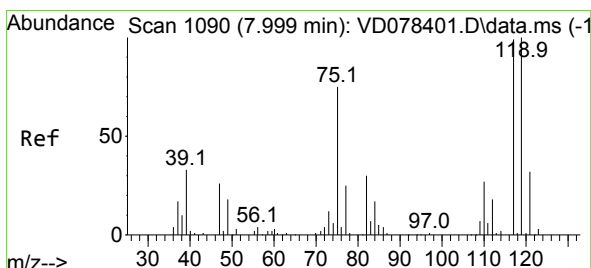
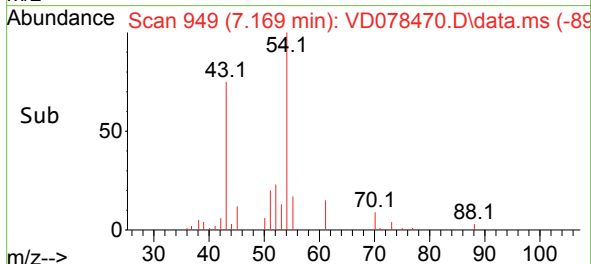
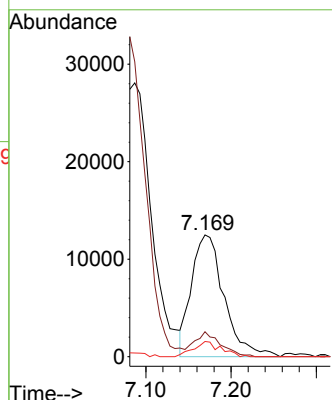
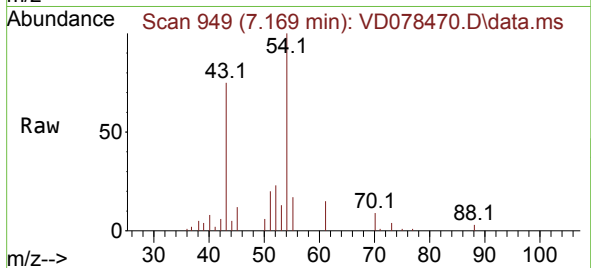
Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion:	43	Resp:	33114
Ion	Ratio	Lower	Upper
43	100		
61	16.3	14.9	22.3
70	10.5	10.0	15.0



#38

Carbon Tetrachloride

Concen: 54.088 ug/l

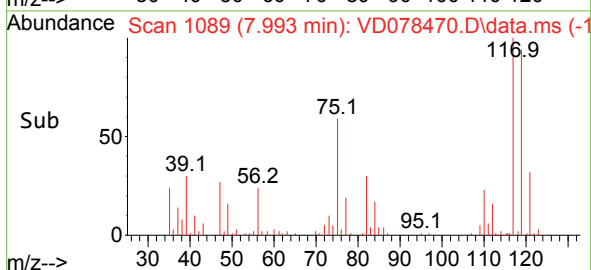
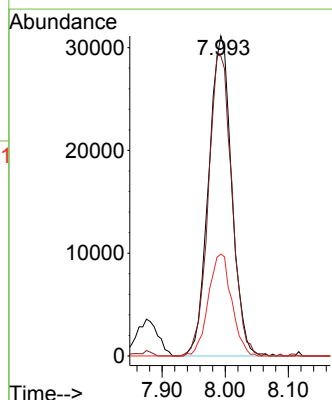
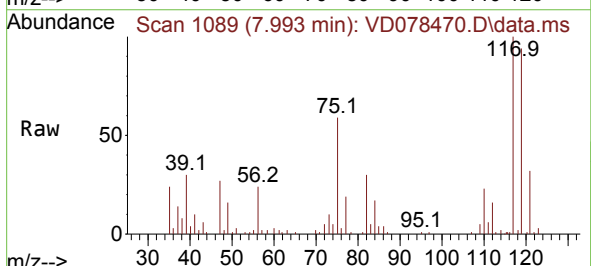
RT: 7.993 min Scan# 1089

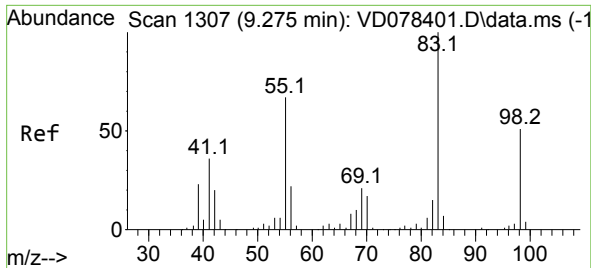
Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion:	117	Resp:	79016
Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.0	117.0
121	31.8	24.2	36.2

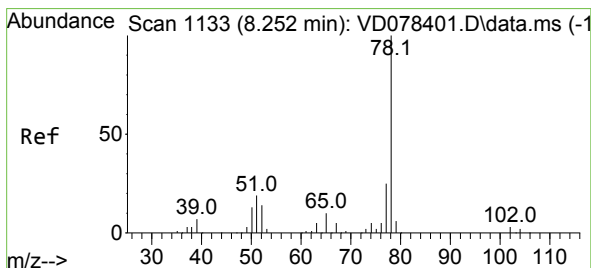
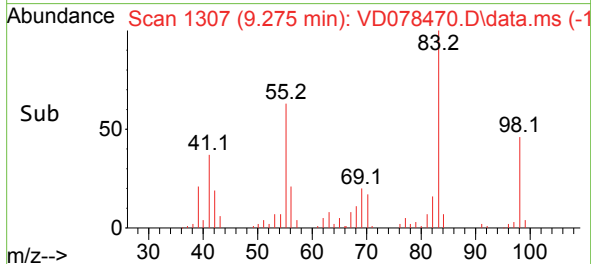
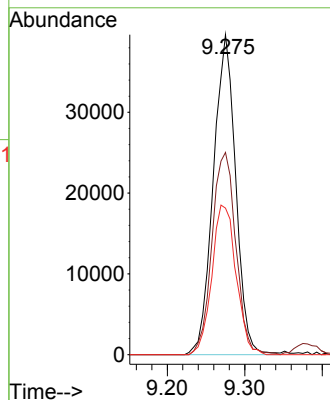
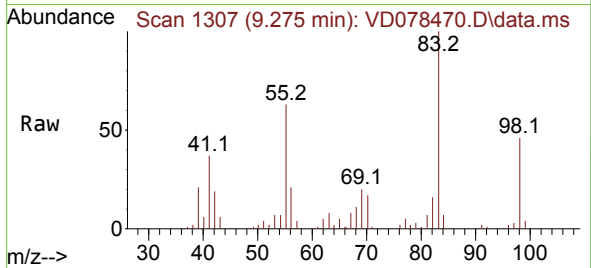




#39
Methylcyclohexane
Concen: 45.344 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

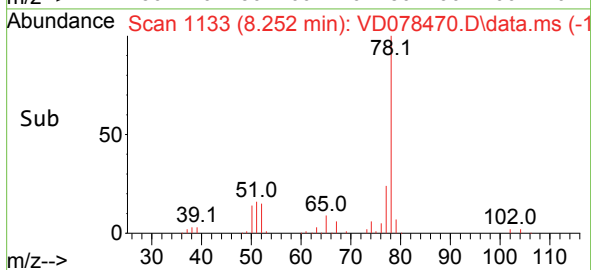
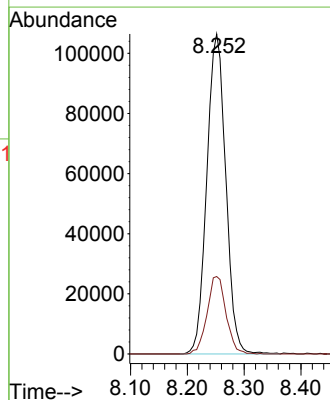
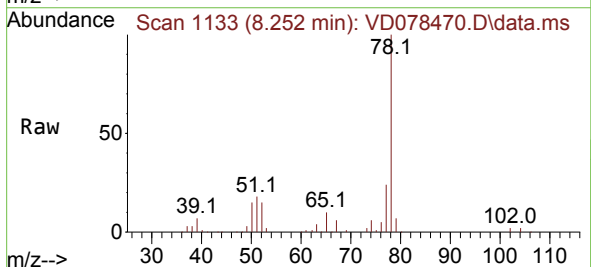
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion:	83	Resp:	79408
Ion	Ratio	Lower	Upper
83	100		
55	63.2	49.4	74.0
98	45.8	38.4	57.6



#40
Benzene
Concen: 57.681 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

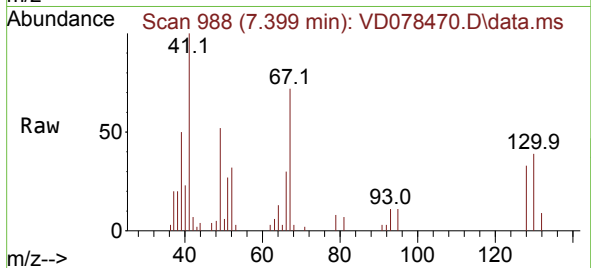
Tgt Ion:	78	Resp:	245943
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0



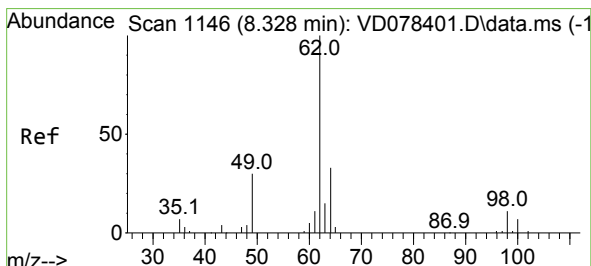
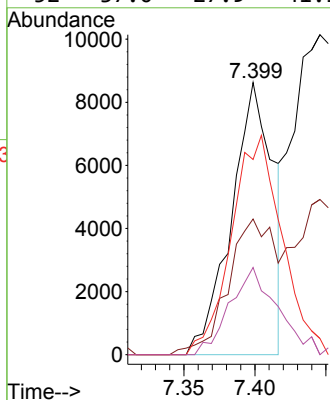
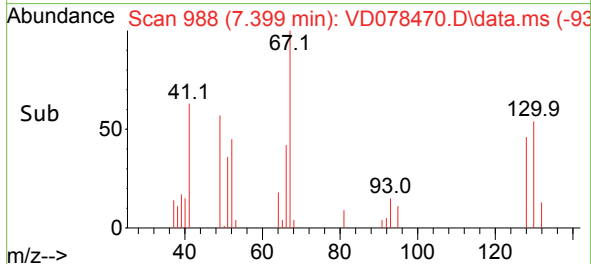


#41
Methacrylonitrile
Concen: 65.420 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

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

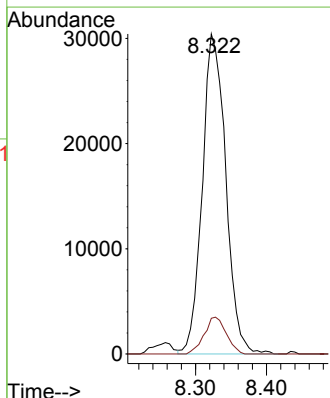
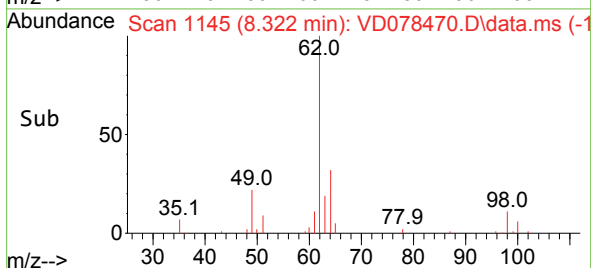
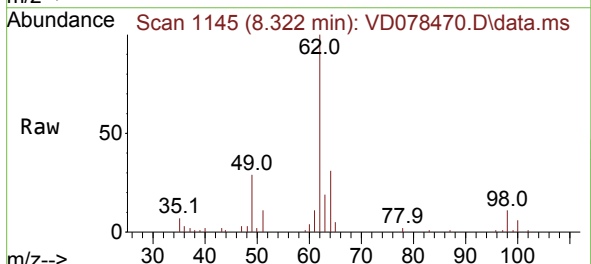


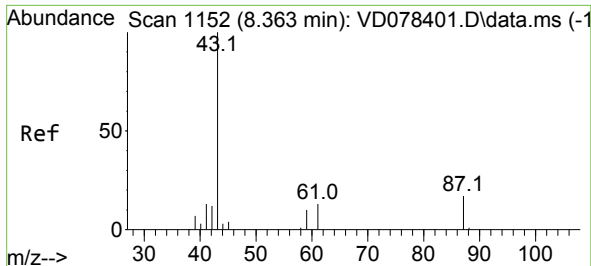
Tgt Ion: 41 Resp: 17606
Ion Ratio Lower Upper
41 100
39 55.7 34.0 51.0#
67 98.7 77.0 115.4
52 37.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 63.327 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 62 Resp: 69867
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4

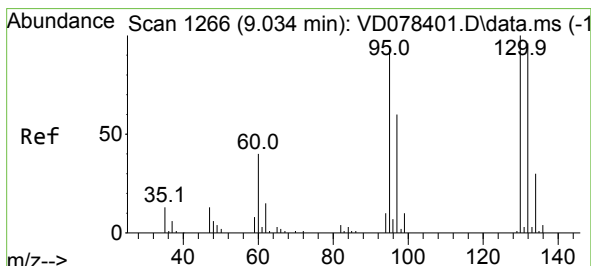
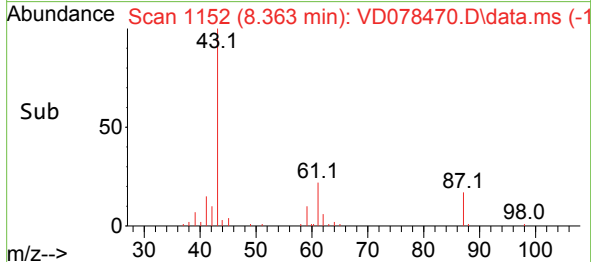
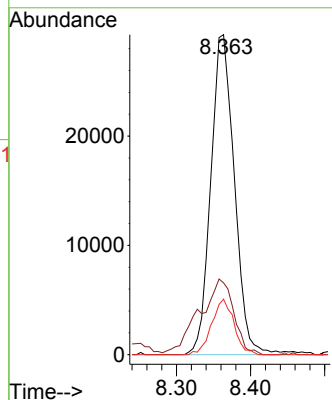
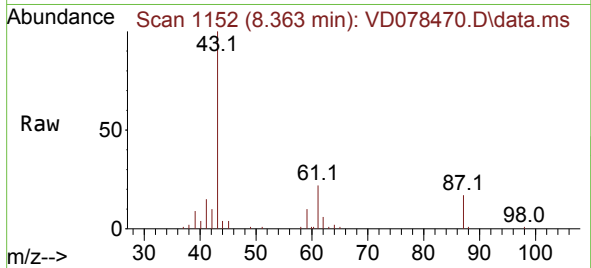




#43
Isopropyl Acetate
Concen: 67.522 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

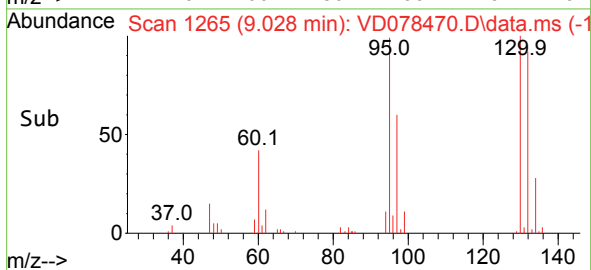
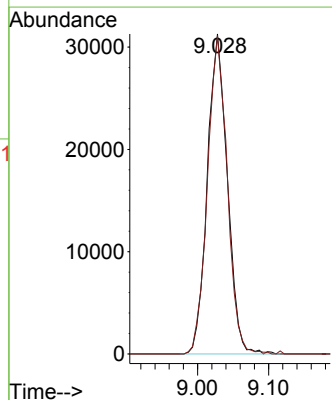
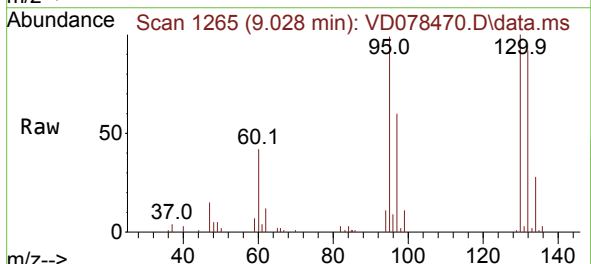
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

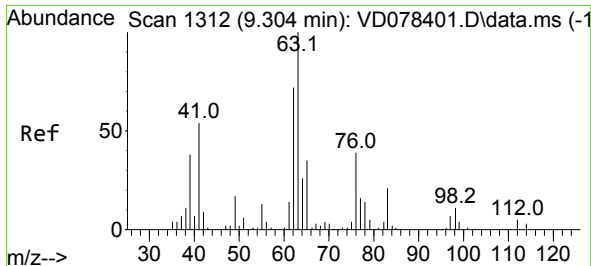
Tgt Ion:	43	Resp:	64656
Ion Ratio	Lower	Upper	
43	100		
61	34.6	31.4	47.0
87	16.5	14.9	22.3



#44
Trichloroethene
Concen: 56.301 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:	130	Resp:	61243
Ion Ratio	Lower	Upper	
130	100		
95	99.5	0.0	179.2





#45

1,2-Dichloropropane

Concen: 59.400 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

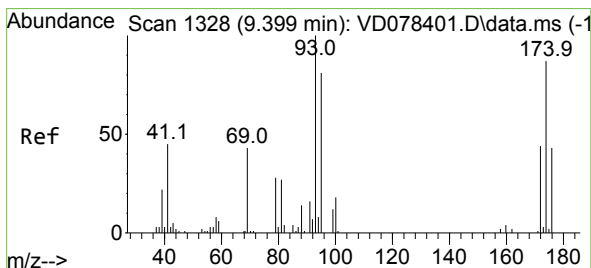
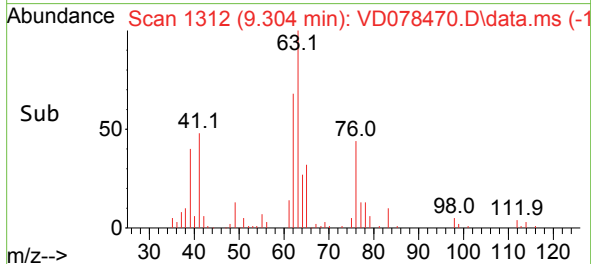
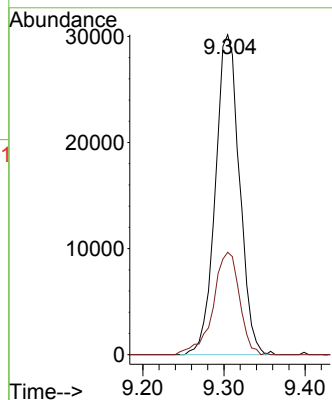
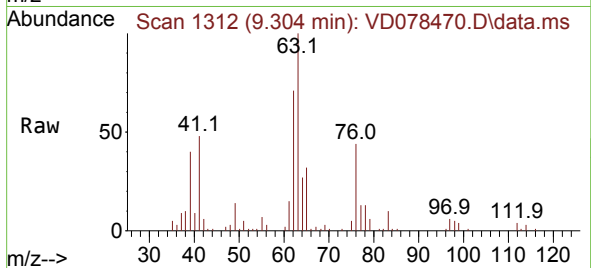
BP-VPB-191-GW-858-860MSD

Tgt Ion: 63 Resp: 62142

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 65.362 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

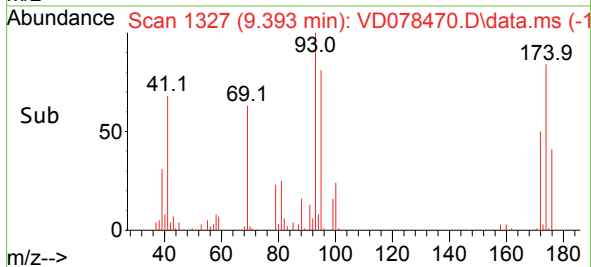
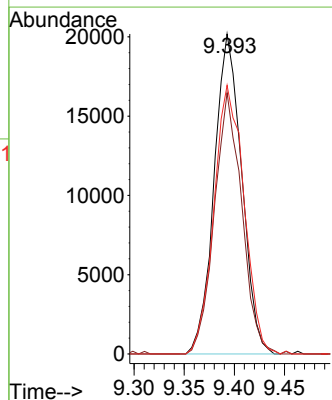
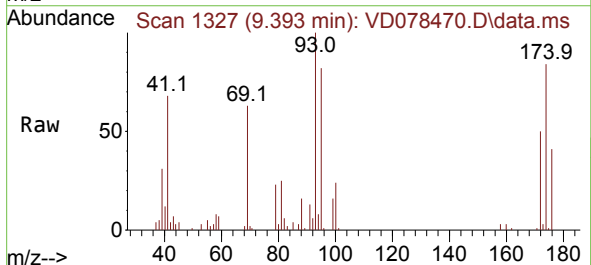
Tgt Ion: 93 Resp: 38461

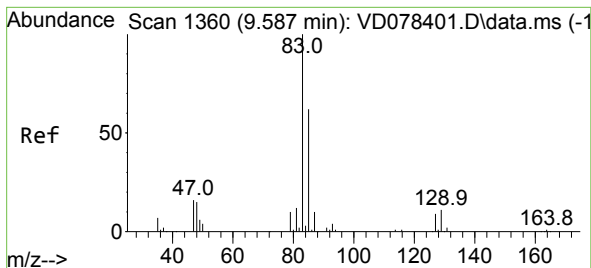
Ion Ratio Lower Upper

93 100

95 81.2 67.7 101.5

174 91.8 85.4 128.2





#47

Bromodichloromethane

Concen: 60.871 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

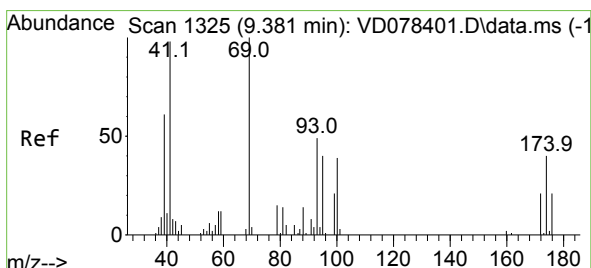
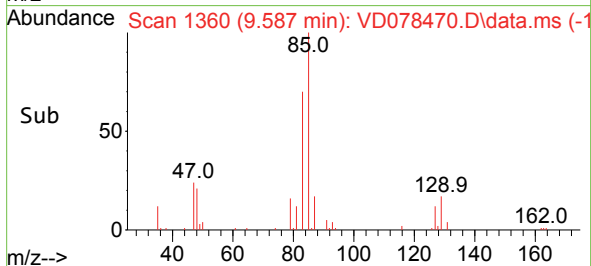
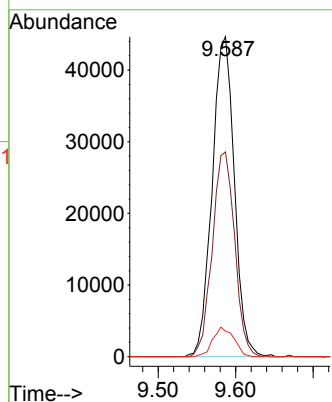
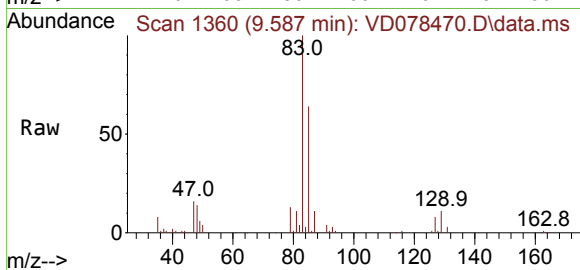
Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion:	83	Resp:	88716
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.2	75.4
127	7.9	6.3	9.5



#48

Methyl methacrylate

Concen: 70.881 ug/l

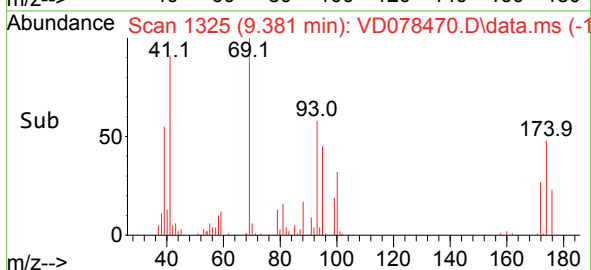
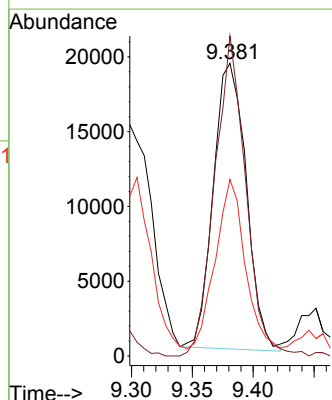
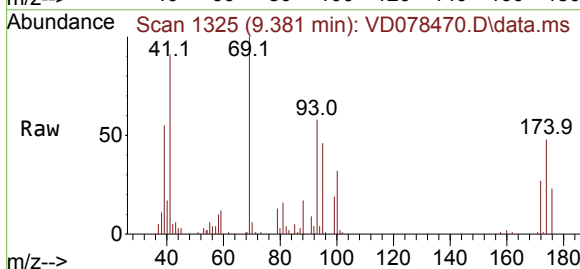
RT: 9.381 min Scan# 1325

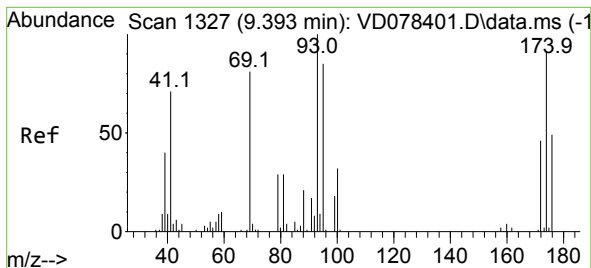
Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion:	41	Resp:	36009
Ion	Ratio	Lower	Upper
41	100		
69	104.9	102.2	153.2
39	59.0	41.4	62.2





#49

1,4-Dioxane

Concen: 1334.963 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD078470.D

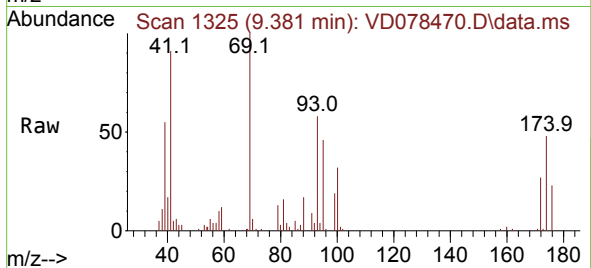
Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD



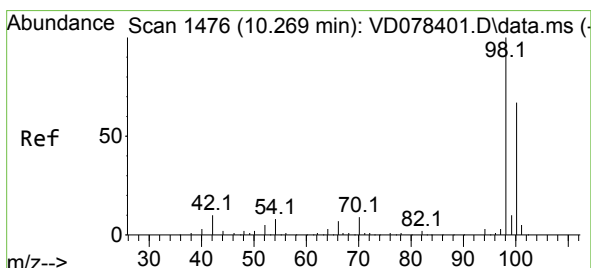
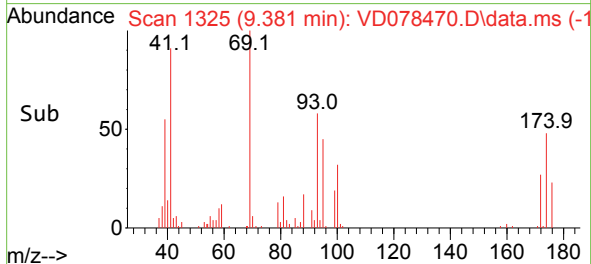
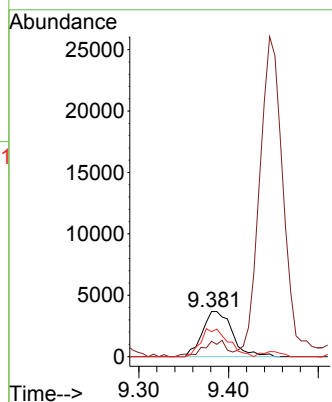
Tgt Ion: 88 Resp: 8507

Ion Ratio Lower Upper

88 100

43 27.8 19.0 28.6

58 56.7 43.5 65.3



#50

Toluene-d8

Concen: 56.455 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078470.D

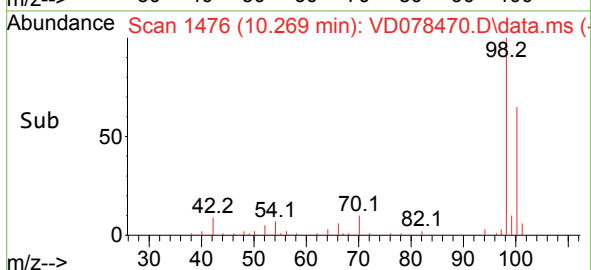
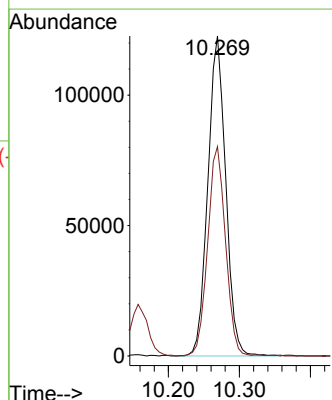
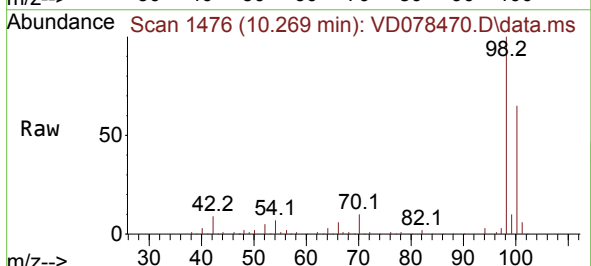
Acq: 19 Feb 2024 18:13

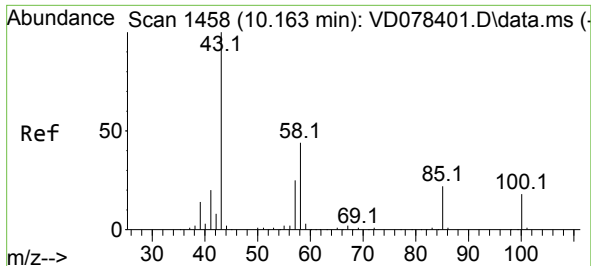
Tgt Ion: 98 Resp: 214447

Ion Ratio Lower Upper

98 100

100 65.6 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 340.884 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

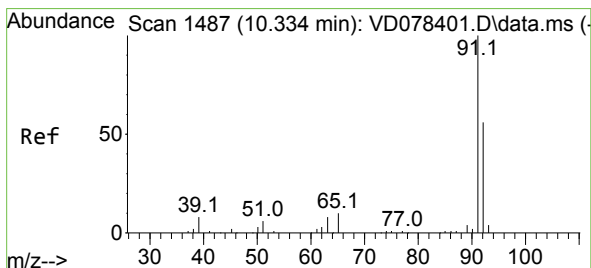
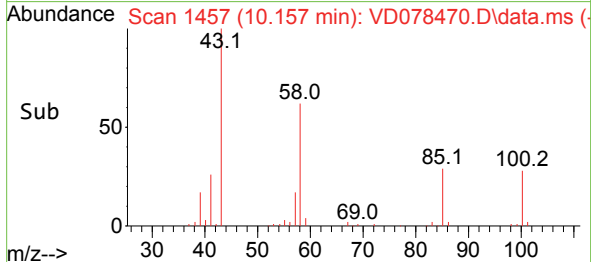
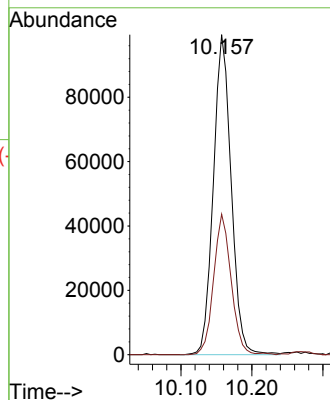
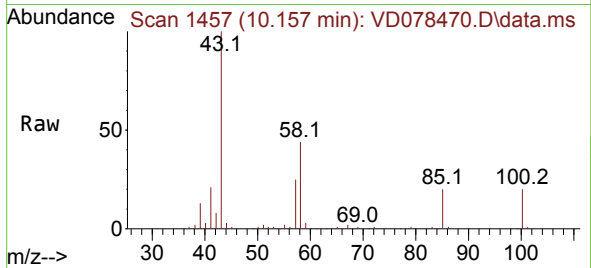
BP-VPB-191-GW-858-860MSD

Tgt Ion: 43 Resp: 173245

Ion Ratio Lower Upper

43 100

58 43.0 38.9 58.3



#52

Toluene

Concen: 57.400 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078470.D

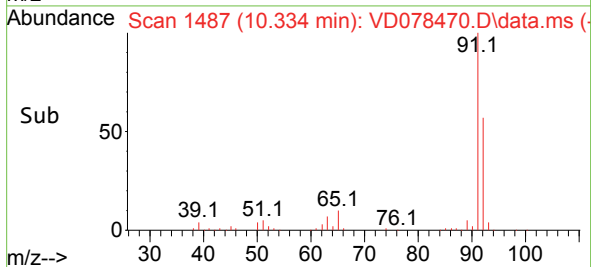
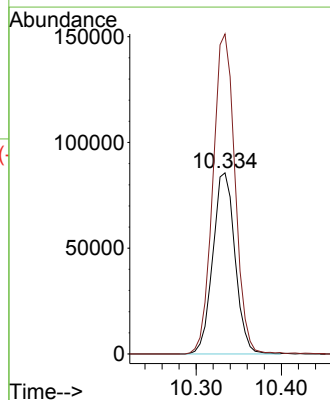
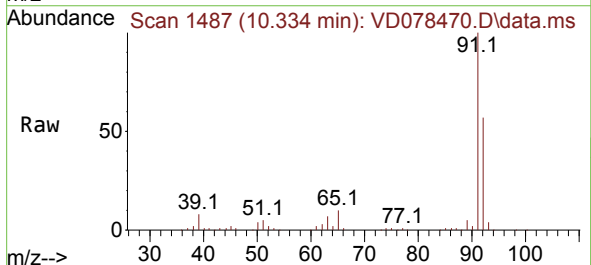
Acq: 19 Feb 2024 18:13

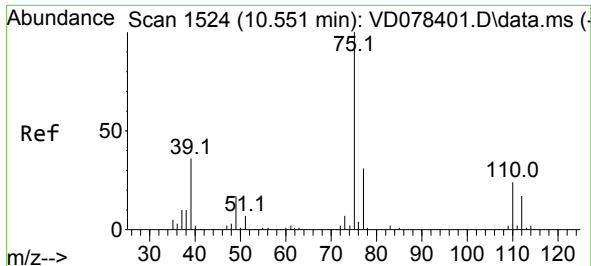
Tgt Ion: 92 Resp: 154773

Ion Ratio Lower Upper

92 100

91 176.3 143.0 214.4

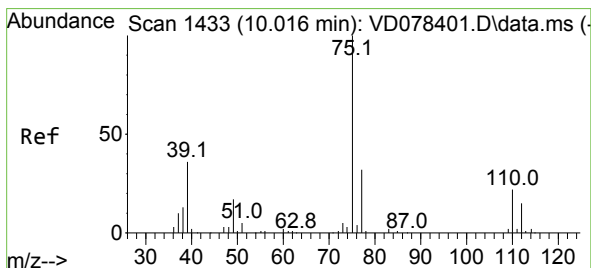
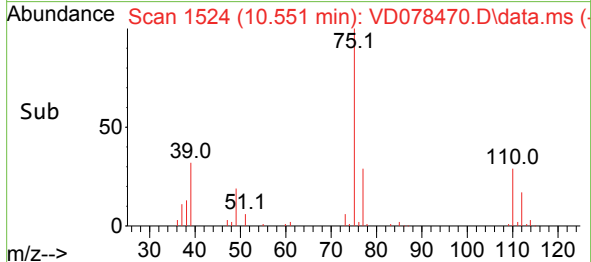
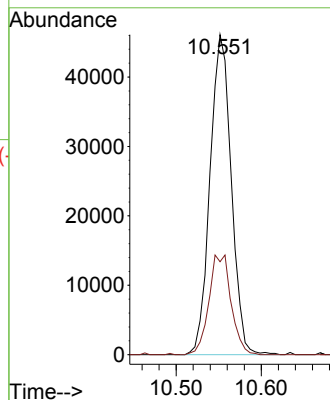
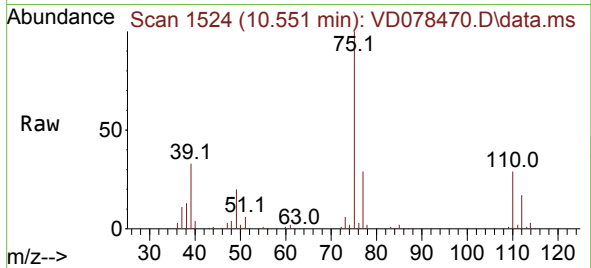




#53
 t-1,3-Dichloropropene
 Concen: 60.013 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

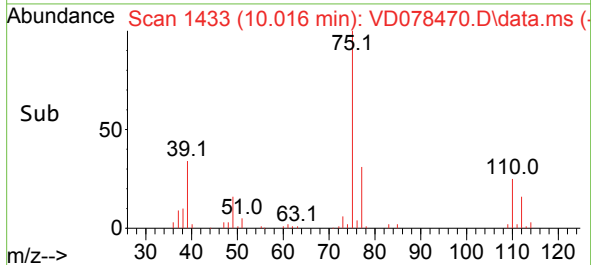
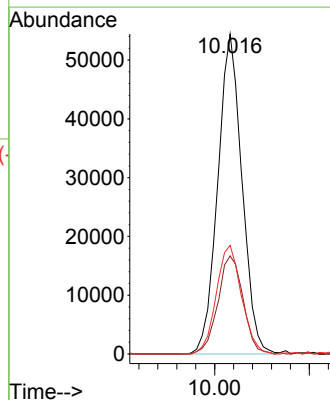
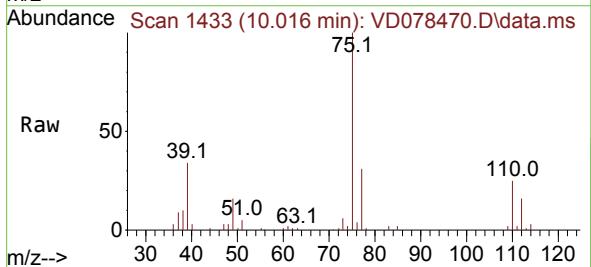
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MSD

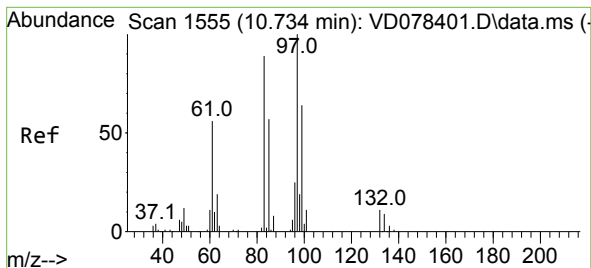
Tgt Ion: 75 Resp: 79810
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 59.928 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

Tgt Ion: 75 Resp: 96640
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3
 39 34.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 66.295 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion: 97 Resp: 52534

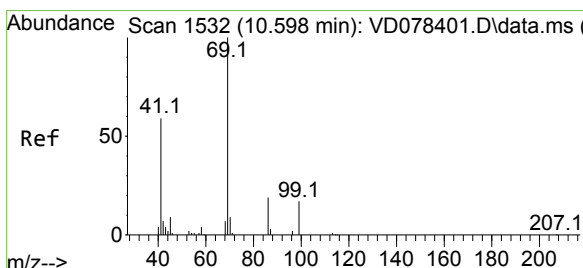
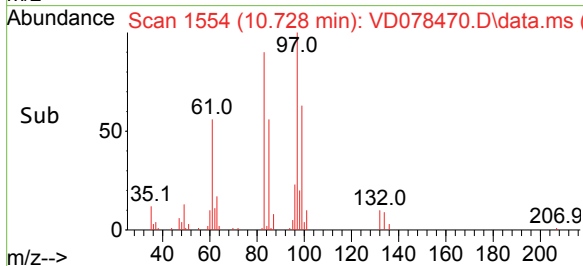
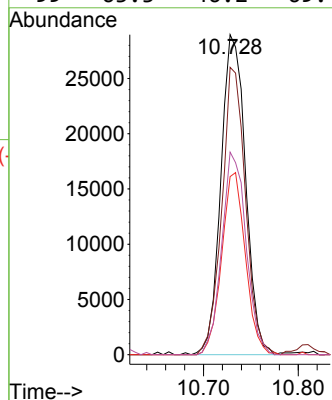
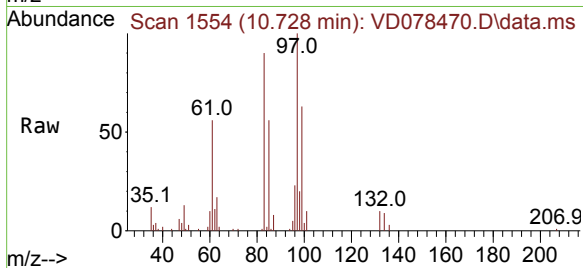
Ion Ratio Lower Upper

97 100

83 89.8 65.8 98.6

85 55.7 45.7 68.5

99 63.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 58.313 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

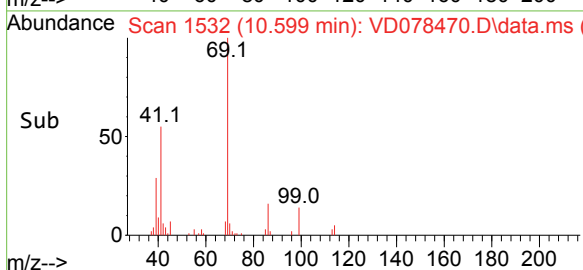
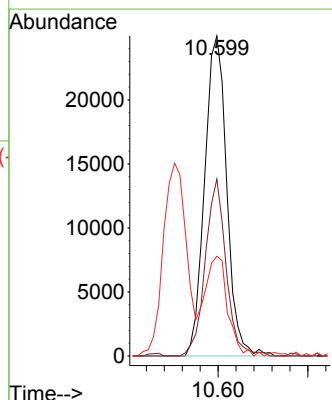
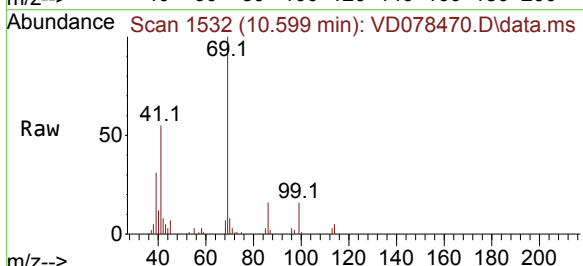
Tgt Ion: 69 Resp: 42737

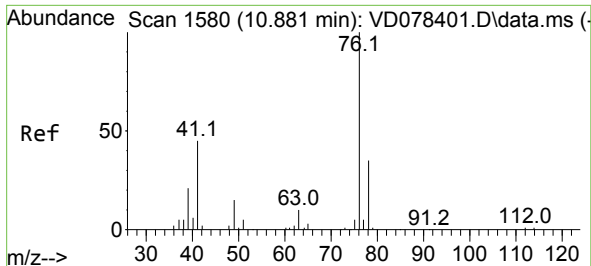
Ion Ratio Lower Upper

69 100

41 52.1 39.1 58.7

39 32.5 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 63.787 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

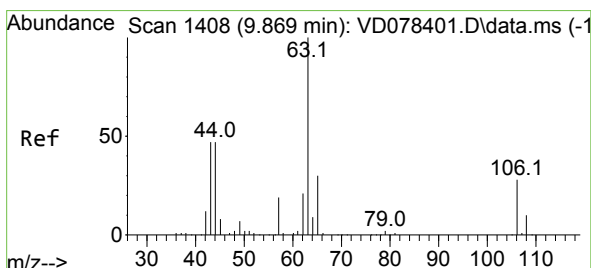
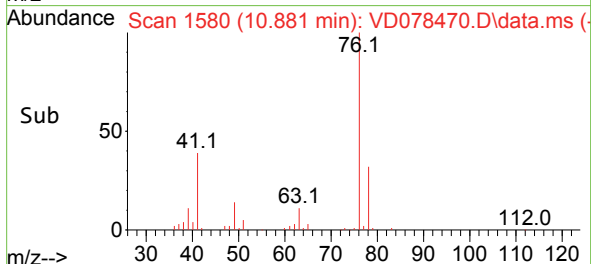
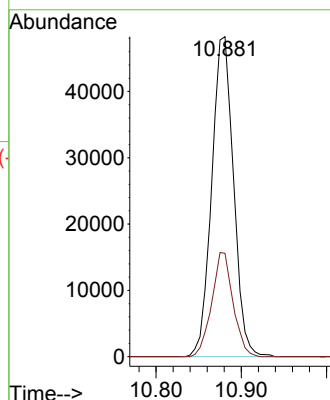
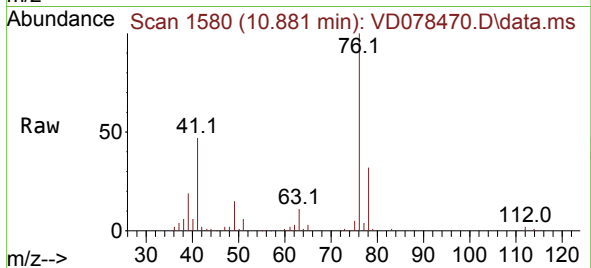
BP-VPB-191-GW-858-860MSD

Tgt Ion: 76 Resp: 85984

Ion Ratio Lower Upper

76 100

78 31.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.879 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078470.D

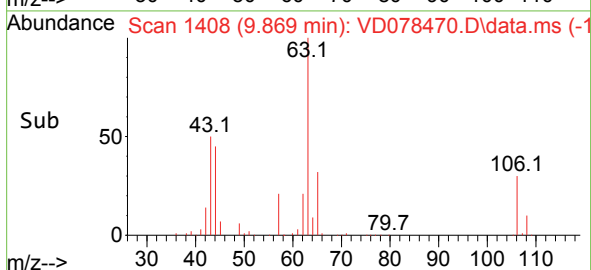
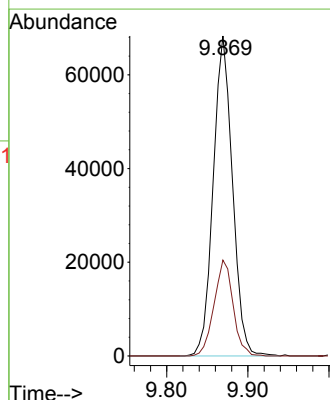
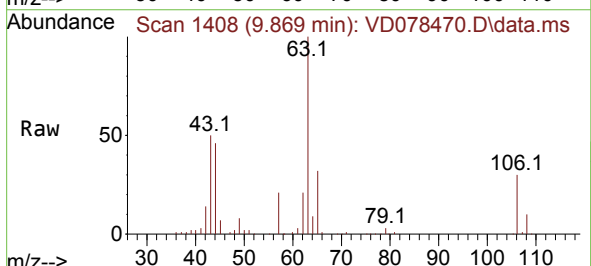
Acq: 19 Feb 2024 18:13

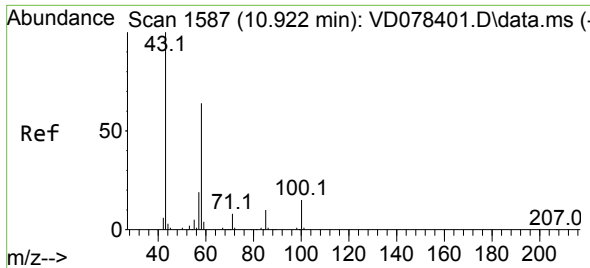
Tgt Ion: 63 Resp: 112622

Ion Ratio Lower Upper

63 100

106 29.6 25.3 37.9

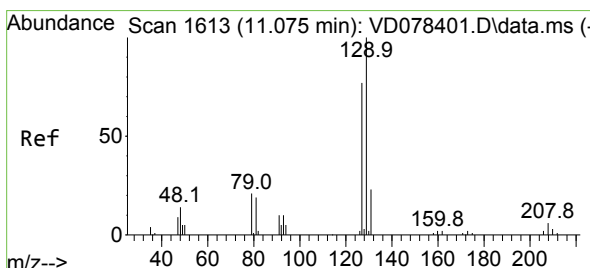
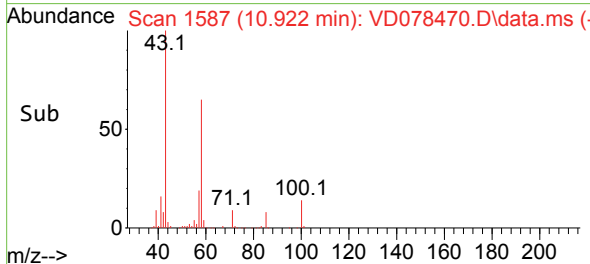
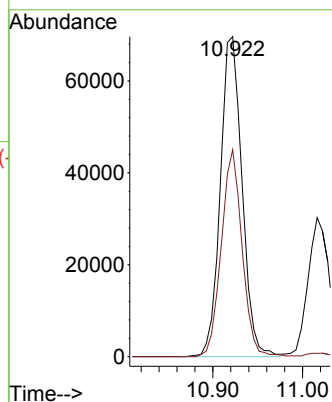
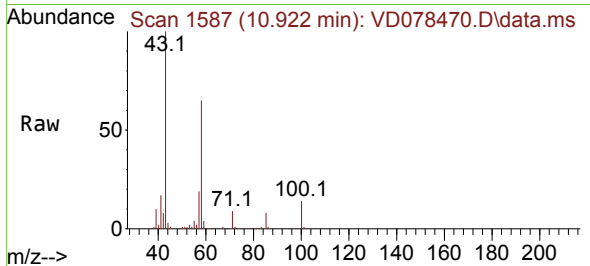




#59
2-Hexanone
Concen: 306.411 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

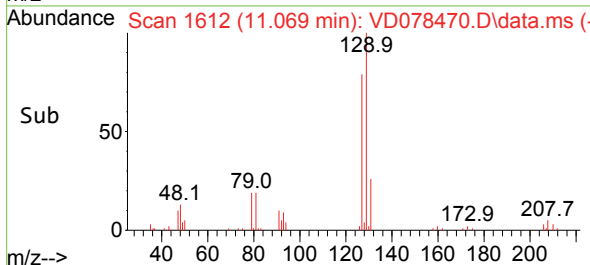
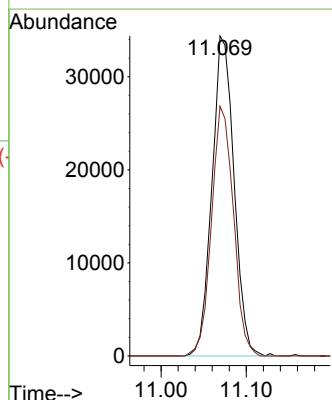
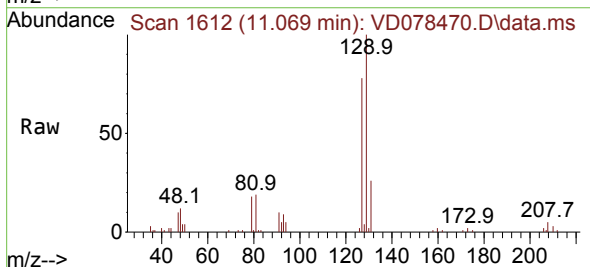
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

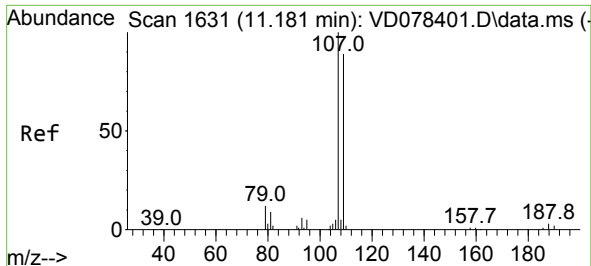
Tgt Ion: 43 Resp: 117029
Ion Ratio Lower Upper
43 100
58 61.8 34.1 102.2



#60
Dibromochloromethane
Concen: 64.876 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 129 Resp: 61855
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5

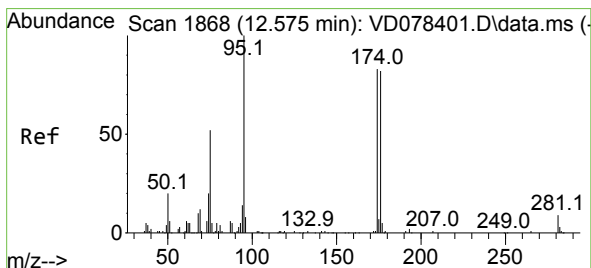
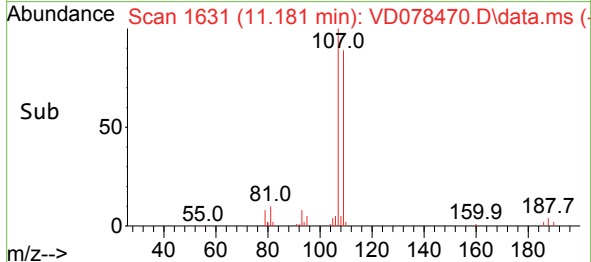
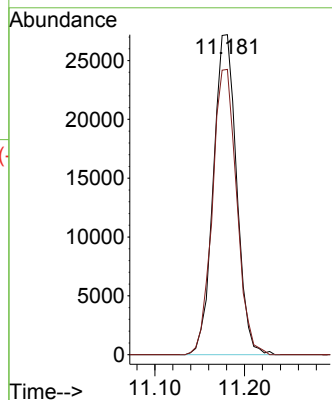
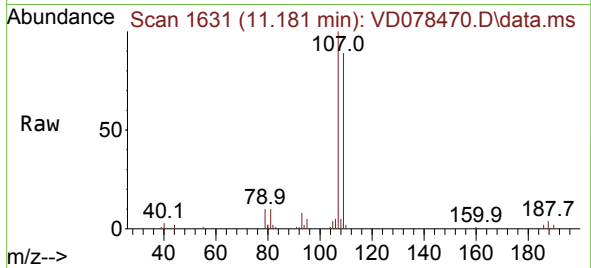




#61
1,2-Dibromoethane
Concen: 65.861 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

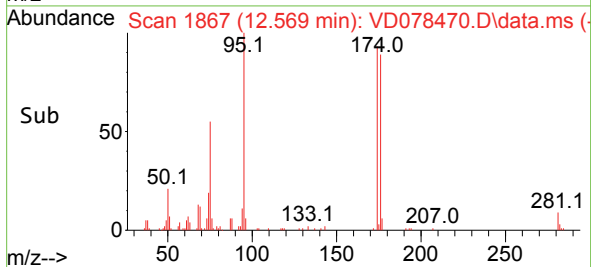
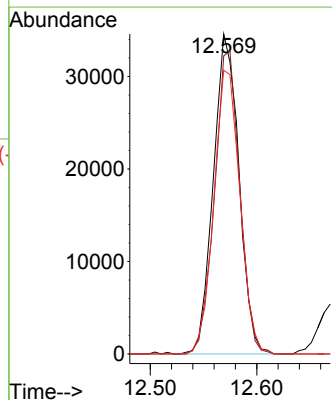
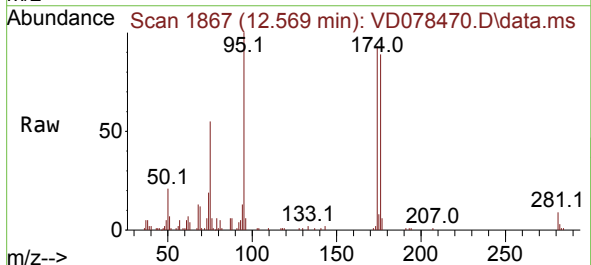
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

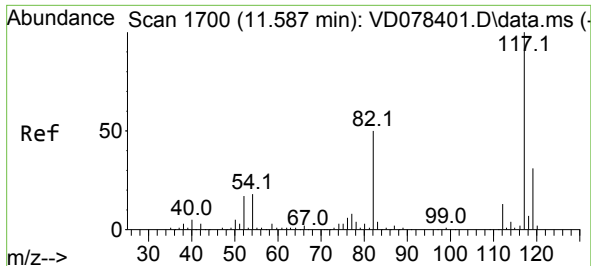
Tgt Ion:107 Resp: 48997
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.151 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 95 Resp: 57648
Ion Ratio Lower Upper
95 100
174 93.1 0.0 201.8
176 90.7 0.0 191.8

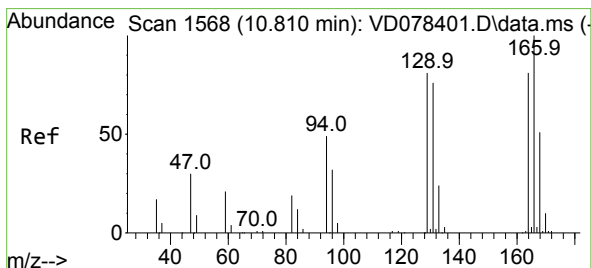
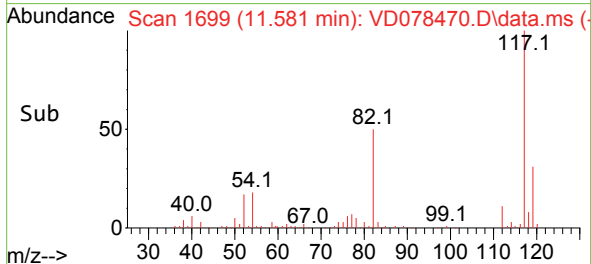
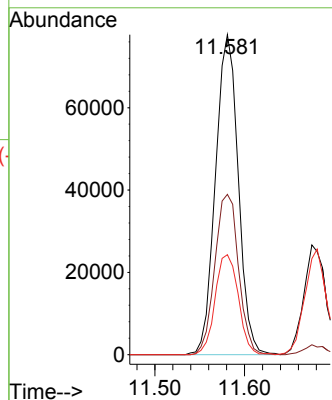
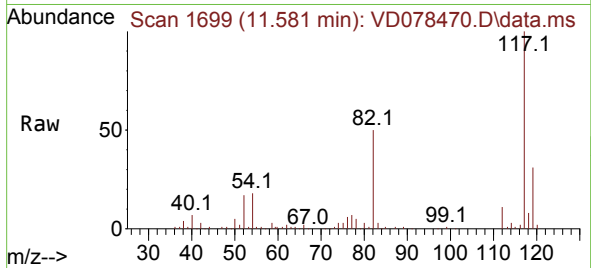




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

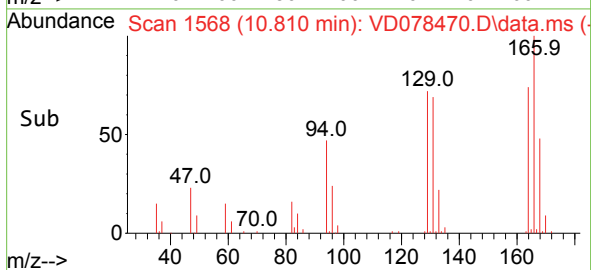
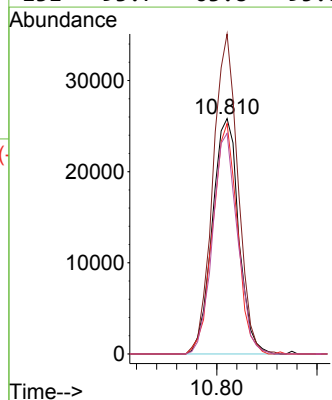
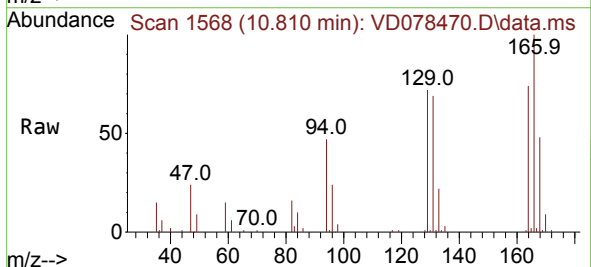
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

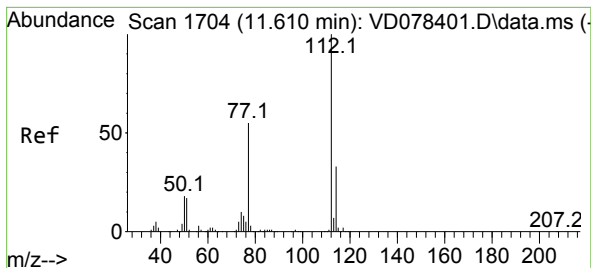
Tgt Ion:117 Resp: 137048
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 54.426 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:164 Resp: 47113
Ion Ratio Lower Upper
164 100
166 136.0 99.2 148.8
129 97.9 68.4 102.6
131 93.7 63.8 95.8





#65

Chlorobenzene

Concen: 56.778 ug/l

RT: 11.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

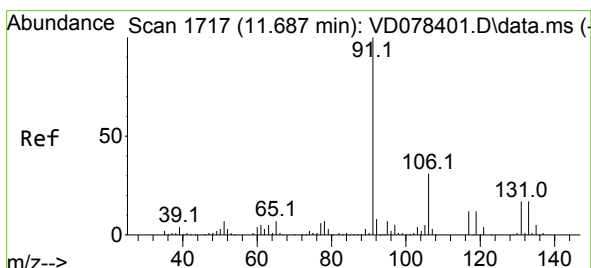
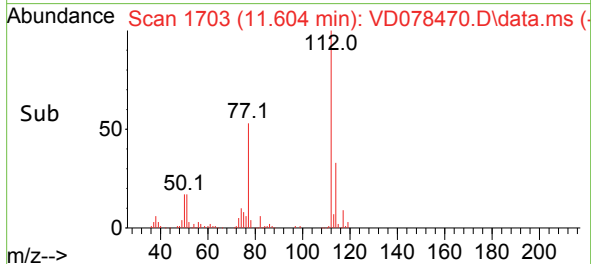
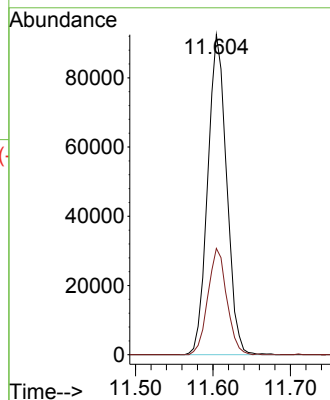
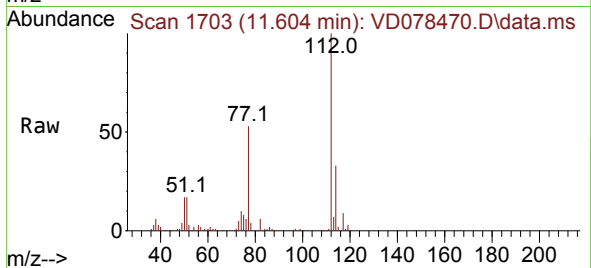
BP-VPB-191-GW-858-860MSD

Tgt Ion:112 Resp: 156435

Ion Ratio Lower Upper

112 100

114 33.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 63.212 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

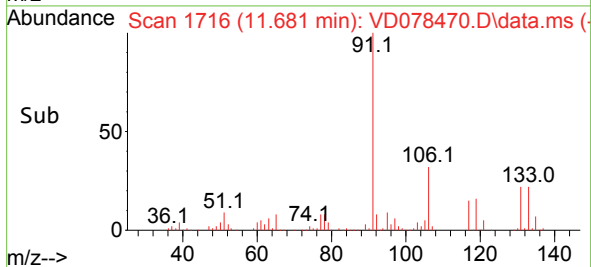
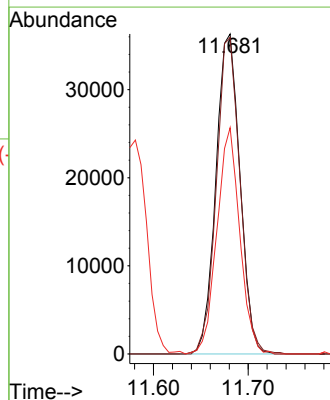
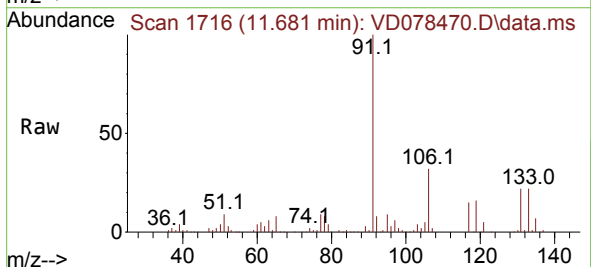
Tgt Ion:131 Resp: 64004

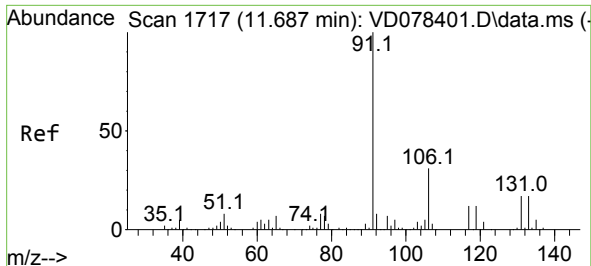
Ion Ratio Lower Upper

131 100

133 97.2 48.5 145.5

119 67.4 35.6 106.9

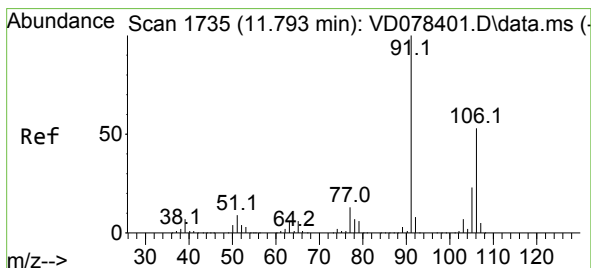
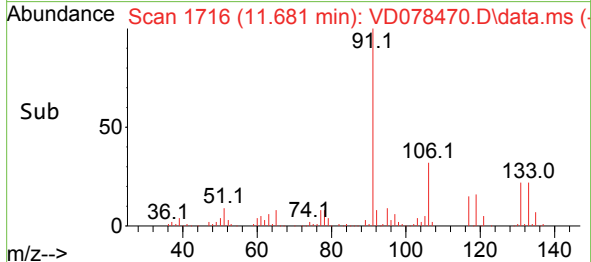
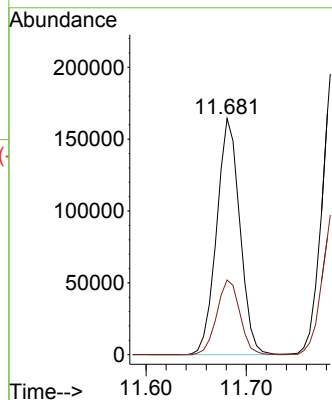
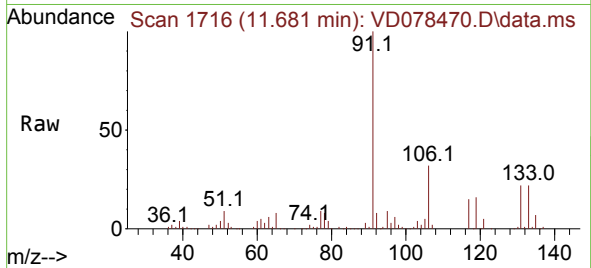




#67
Ethyl Benzene
Concen: 53.451 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

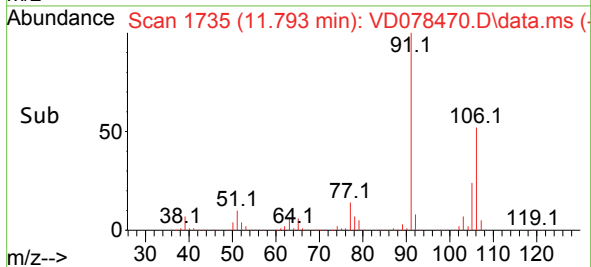
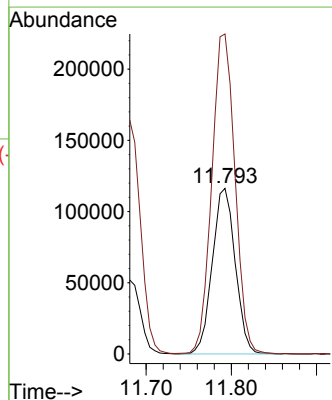
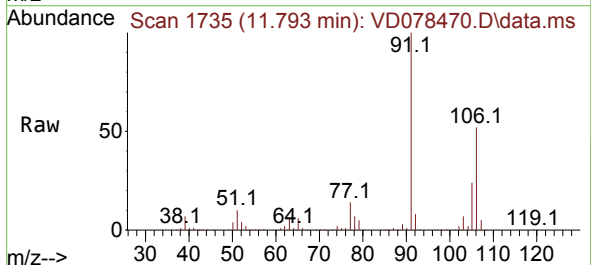
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

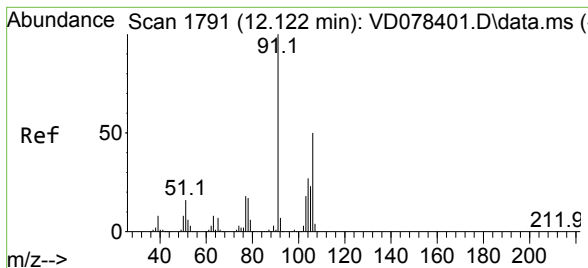
Tgt Ion: 91 Resp: 263867
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7



#68
m/p-Xylenes
Concen: 113.083 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 106 Resp: 217754
Ion Ratio Lower Upper
106 100
91 195.4 147.0 220.6

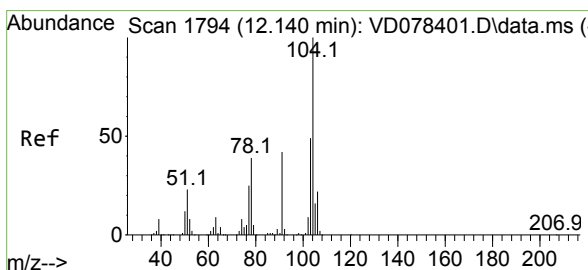
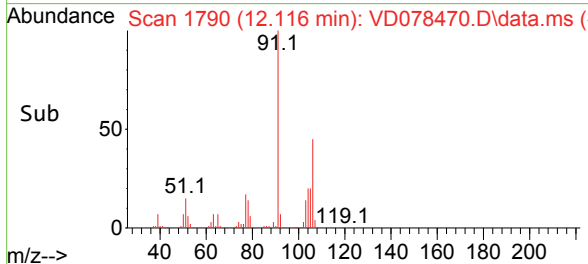
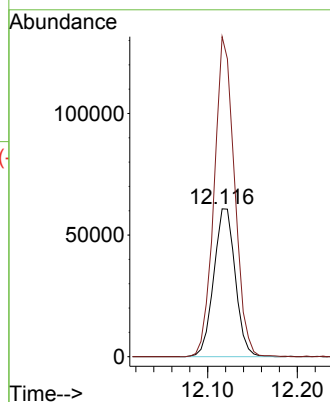
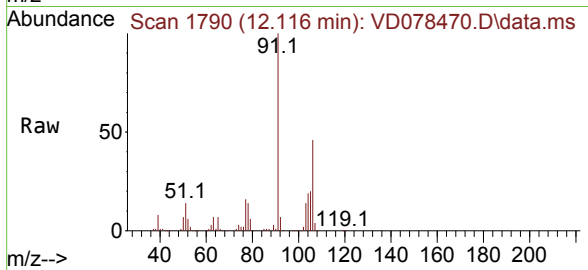




#69
o-Xylene
Concen: 57.672 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

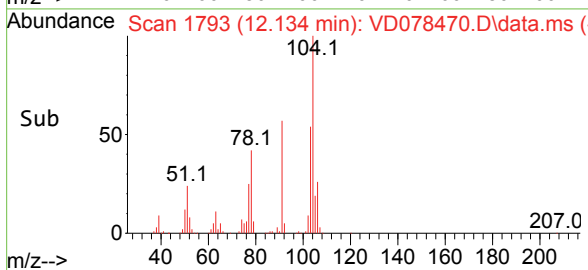
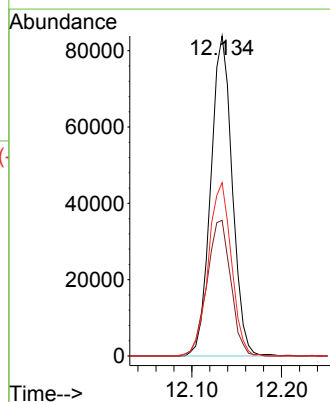
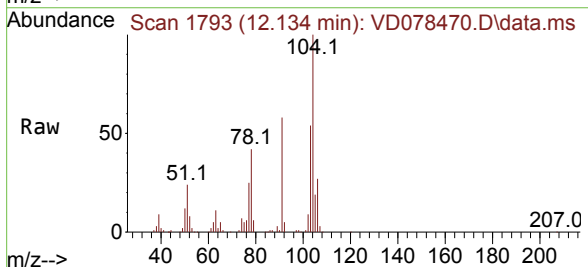
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

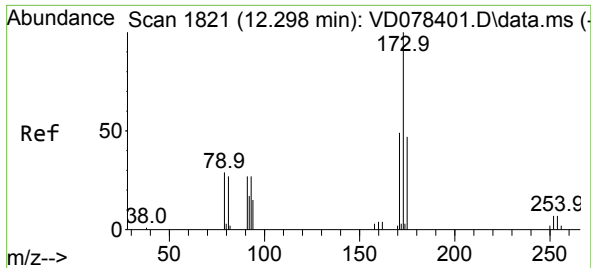
Tgt Ion:106 Resp: 101344
Ion Ratio Lower Upper
106 100
91 204.8 97.9 293.6



#70
Styrene
Concen: 48.657 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:104 Resp: 139543
Ion Ratio Lower Upper
104 100
78 47.1 33.2 49.8
103 58.1 43.6 65.4

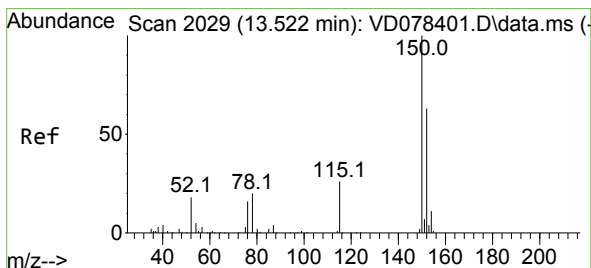
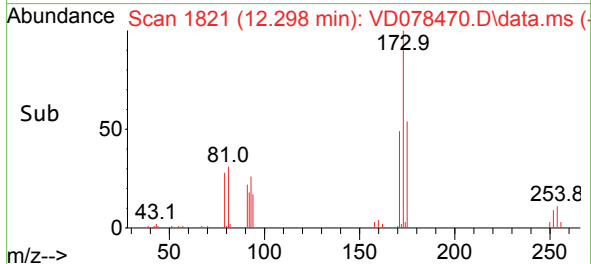
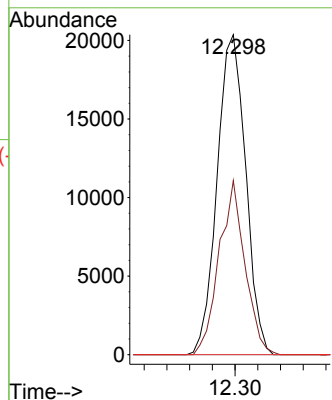
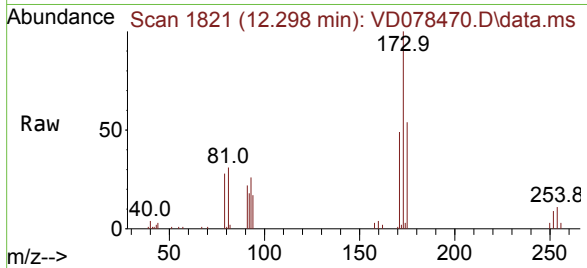




#71
Bromoform
Concen: 66.734 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

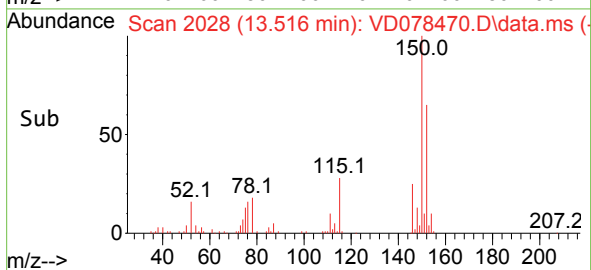
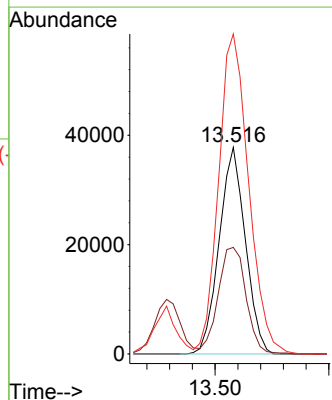
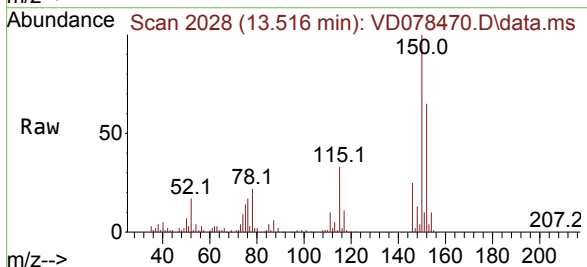
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

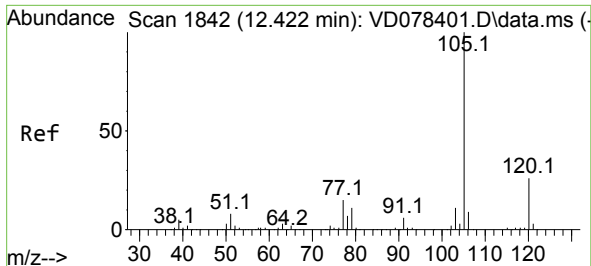
Tgt Ion:173 Resp: 35565
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:152 Resp: 60500
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 177.4 0.0 353.6

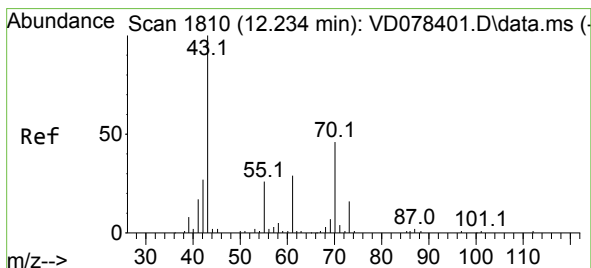
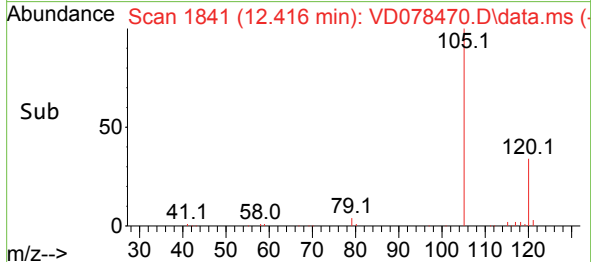
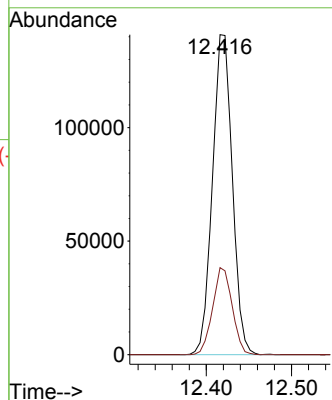
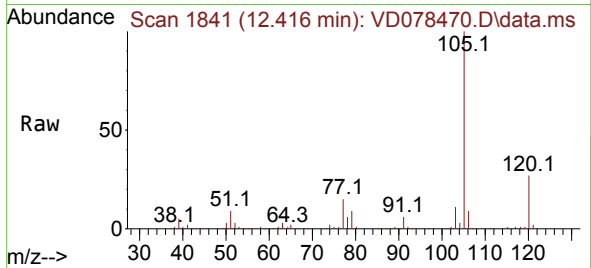




#73
Isopropylbenzene
Concen: 56.362 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

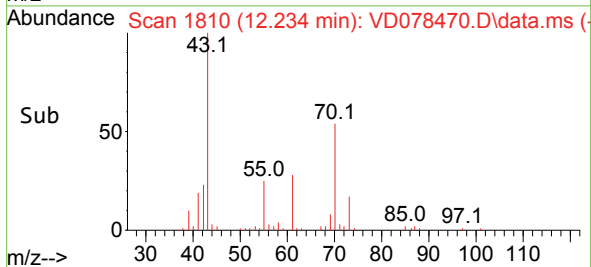
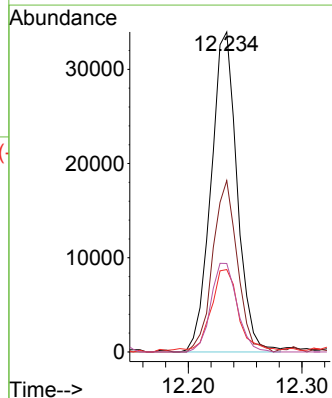
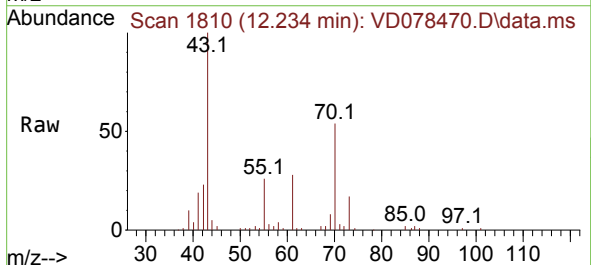
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

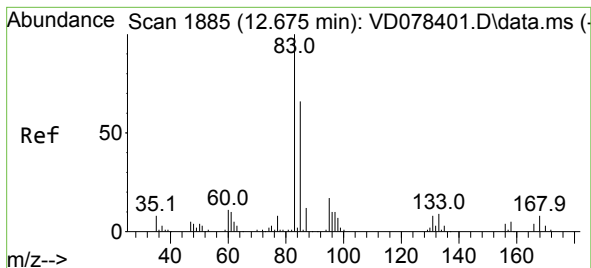
Tgt Ion:105 Resp: 228971
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 70.497 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 43 Resp: 54181
Ion Ratio Lower Upper
43 100
70 50.6 45.0 67.4
55 28.0 23.8 35.6
61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 76.852 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

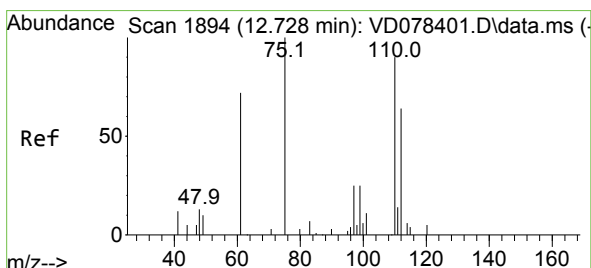
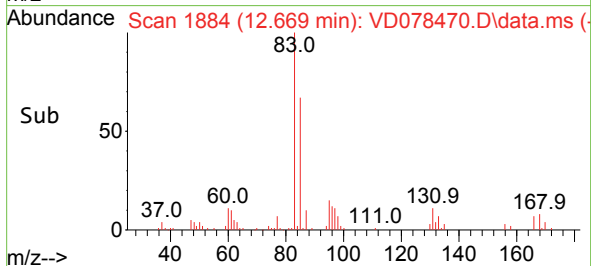
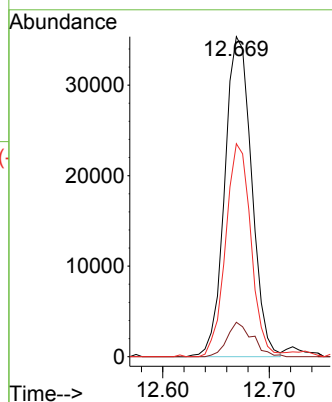
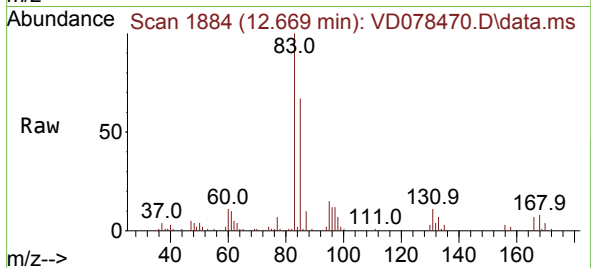
Tgt Ion: 83 Resp: 61932

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 62.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 134.195 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078470.D

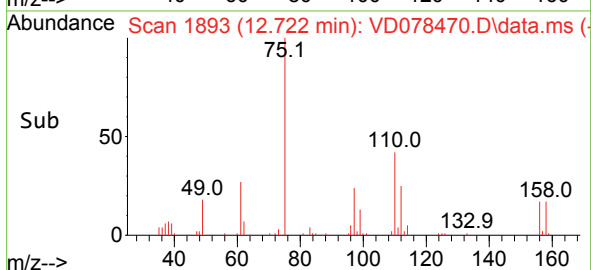
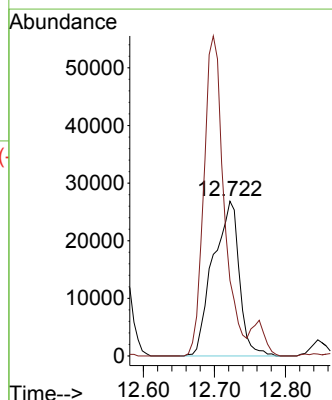
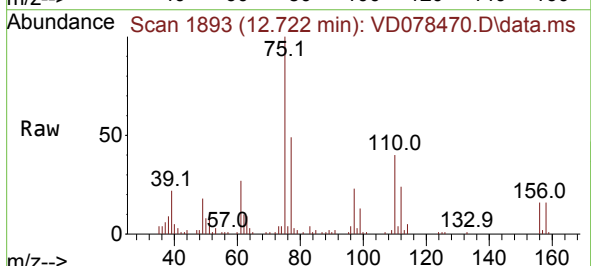
Acq: 19 Feb 2024 18:13

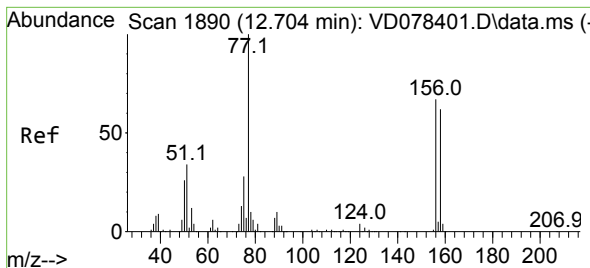
Tgt Ion: 75 Resp: 68926

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 66.634 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

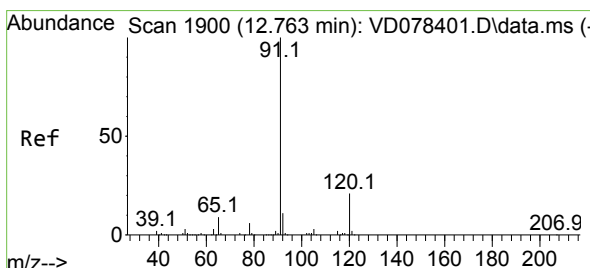
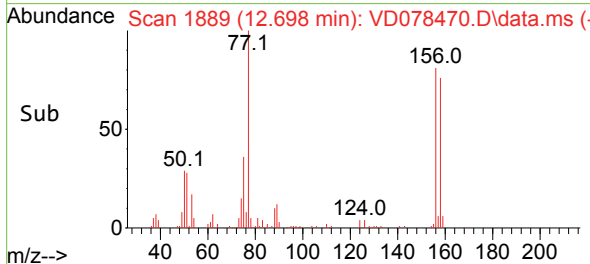
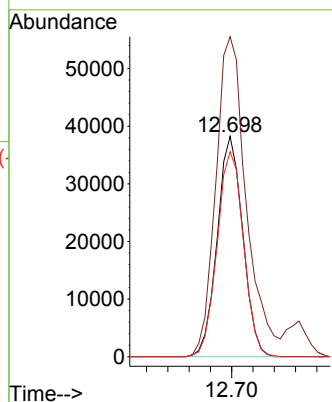
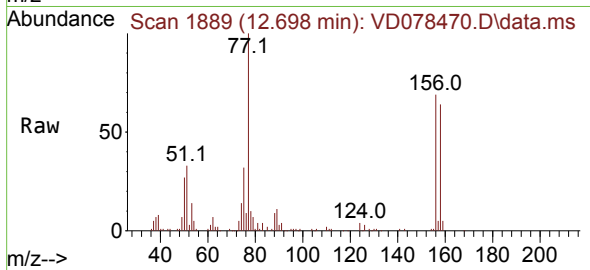
Tgt Ion:156 Resp: 63619

Ion Ratio Lower Upper

156 100

77 173.3 76.8 230.4

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 48.214 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078470.D

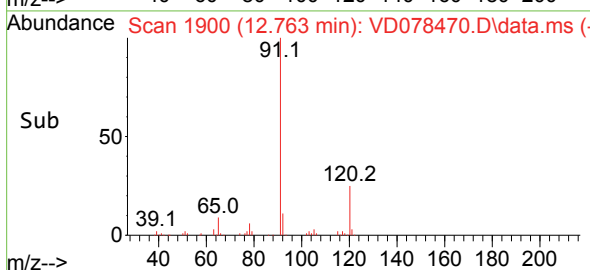
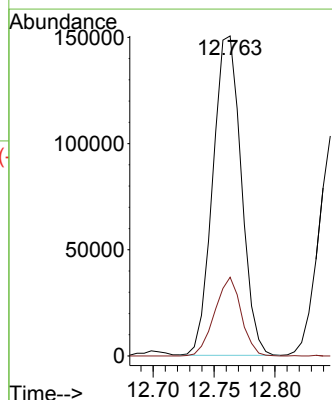
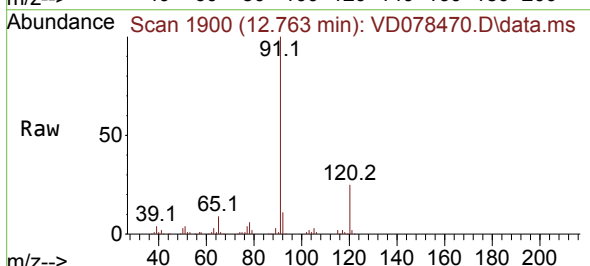
Acq: 19 Feb 2024 18:13

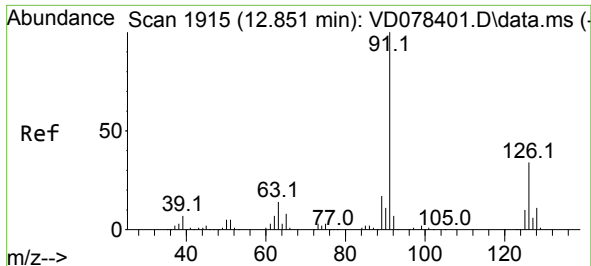
Tgt Ion: 91 Resp: 244090

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2

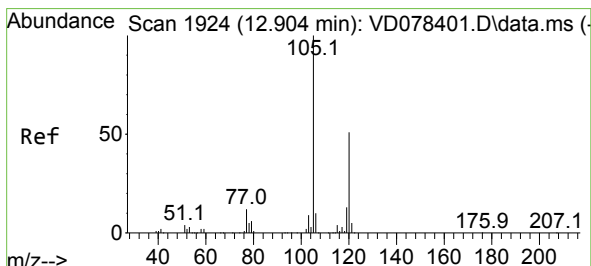
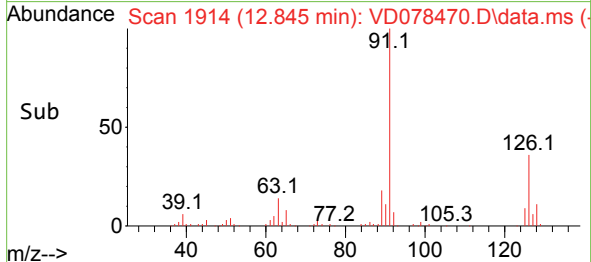
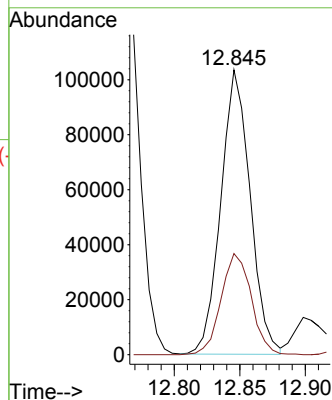
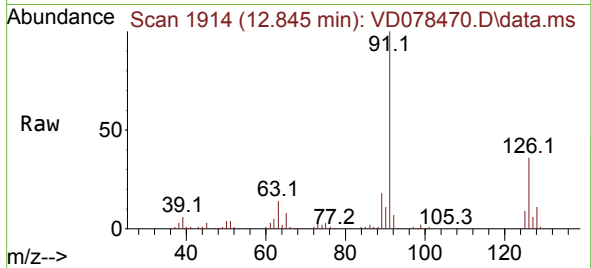




#79
2-Chlorotoluene
Concen: 59.410 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

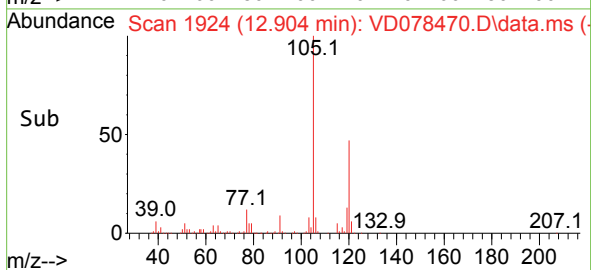
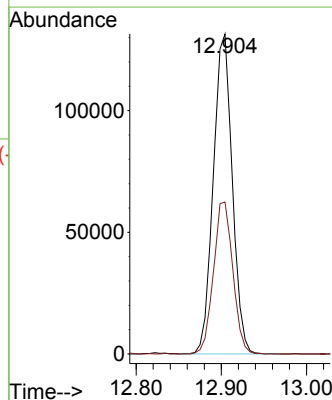
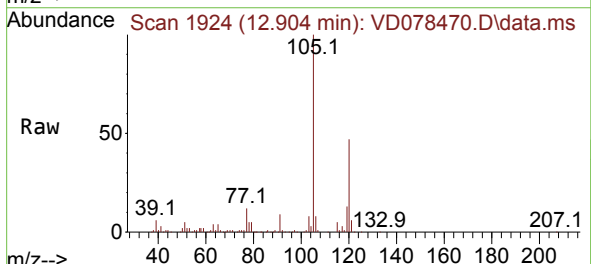
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

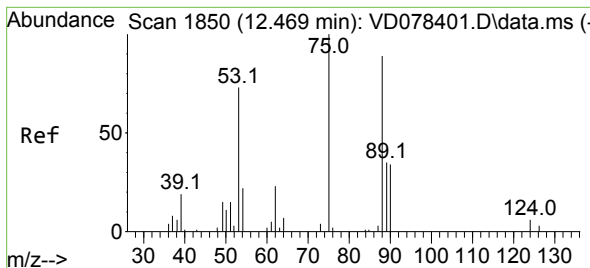
Tgt Ion: 91 Resp: 161095
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 60.299 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 105 Resp: 203409
Ion Ratio Lower Upper
105 100
120 48.4 26.4 79.2

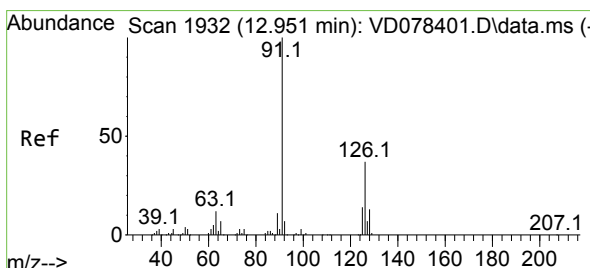
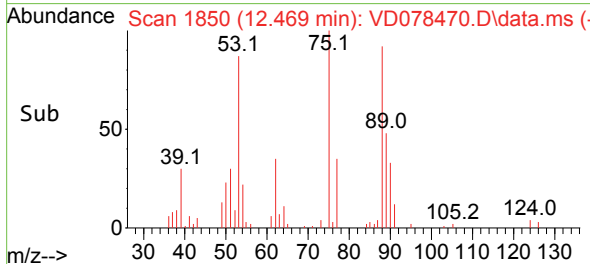
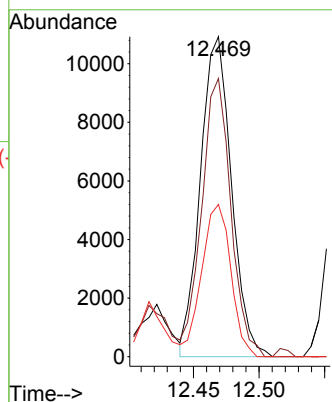
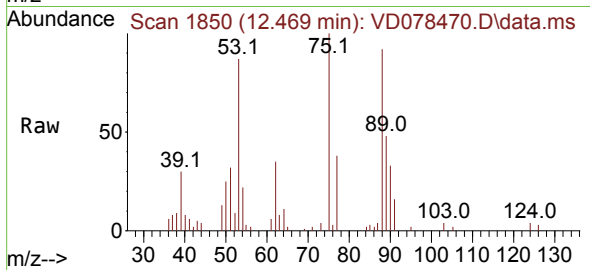




#81
trans-1,4-Dichloro-2-butene
Concen: 72.714 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

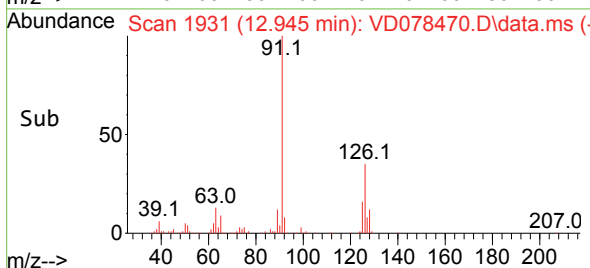
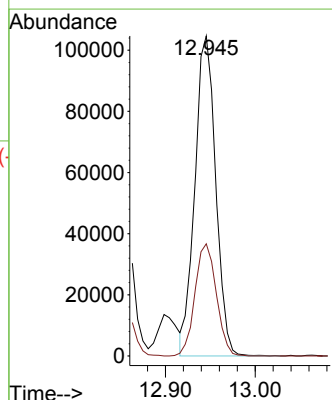
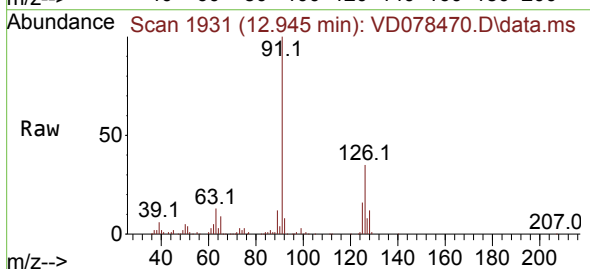
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

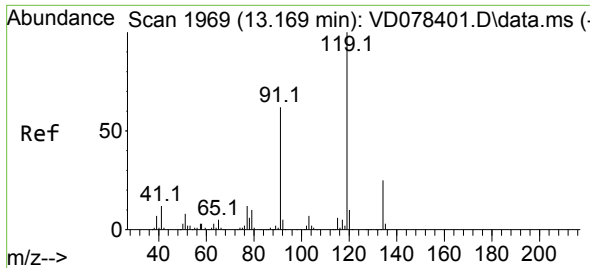
Tgt Ion: 75 Resp: 17990
Ion Ratio Lower Upper
75 100
53 81.7 63.0 94.4
89 44.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 57.902 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 91 Resp: 168625
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4

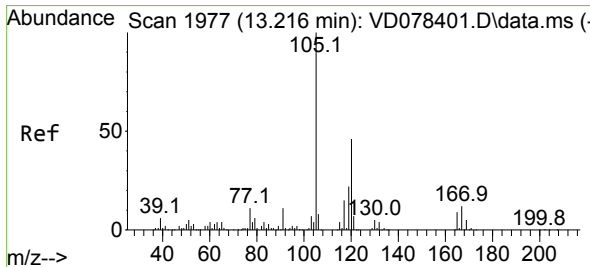
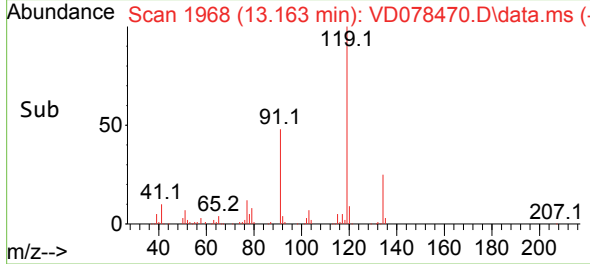
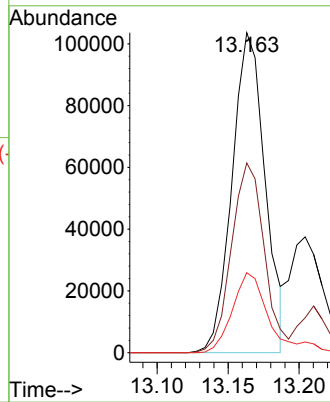
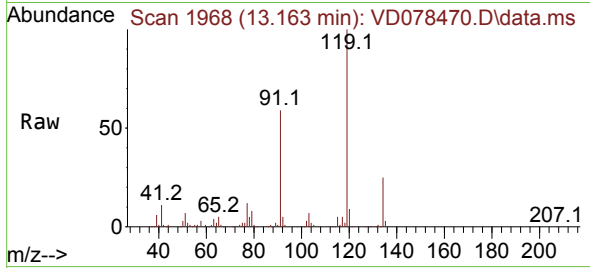




#83
tert-Butylbenzene
Concen: 59.014 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

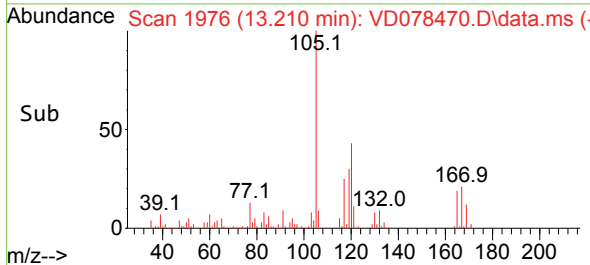
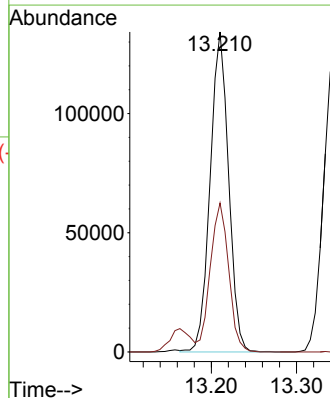
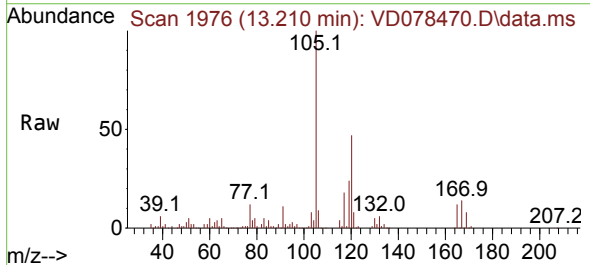
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

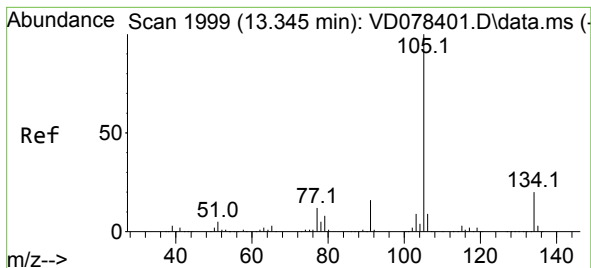
Tgt Ion:119 Resp: 167892
Ion Ratio Lower Upper
119 100
91 58.8 29.3 87.8
134 27.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 58.930 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:105 Resp: 201754
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 43.446 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

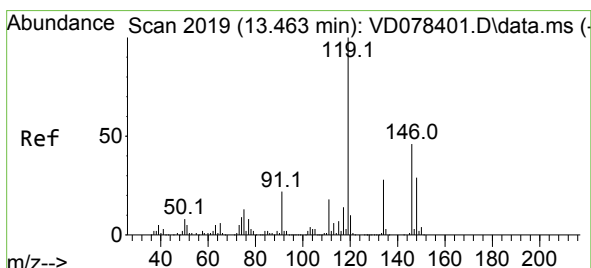
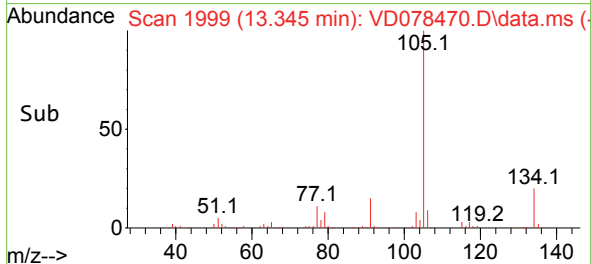
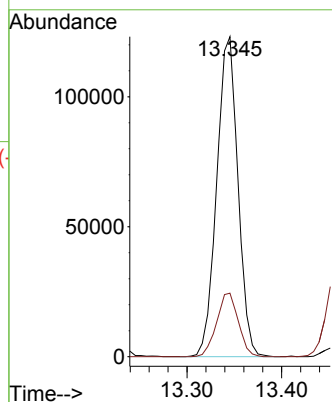
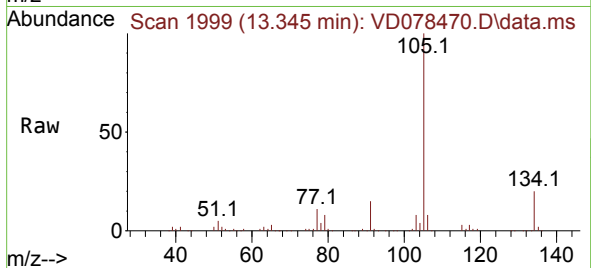
BP-VPB-191-GW-858-860MSD

Tgt Ion:105 Resp: 191688

Ion Ratio Lower Upper

105 100

134 20.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 53.851 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

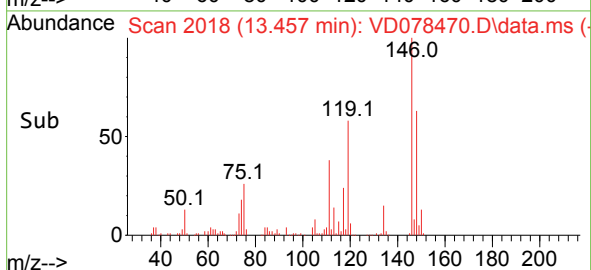
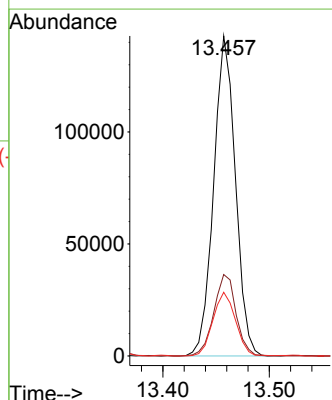
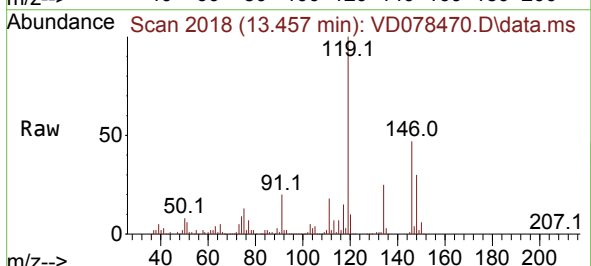
Tgt Ion:119 Resp: 202372

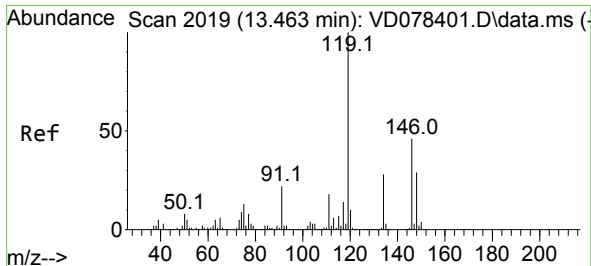
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 20.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 54.535 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

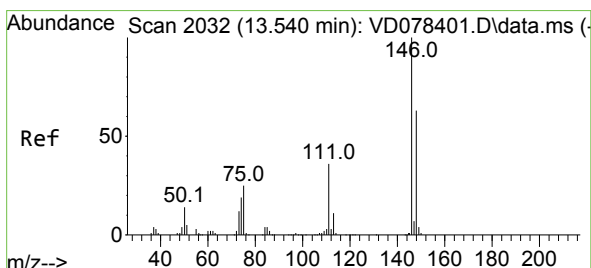
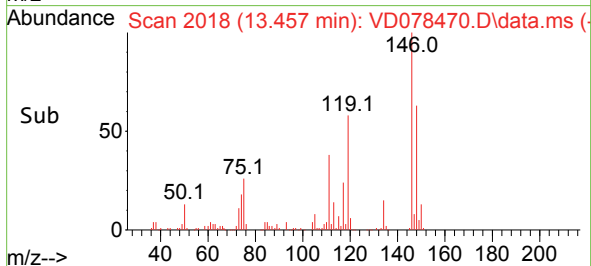
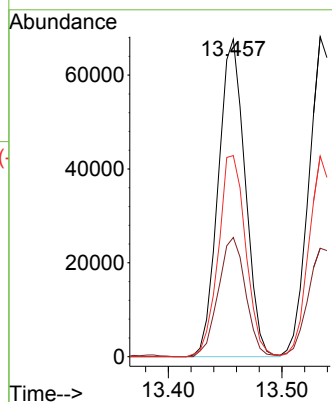
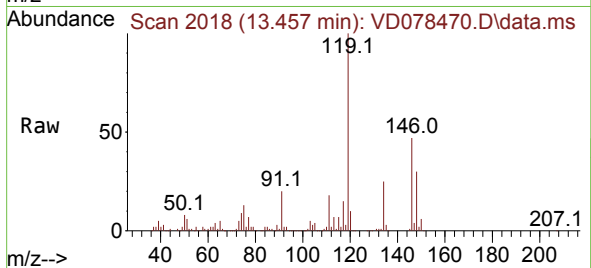
Tgt Ion:146 Resp: 111127

Ion Ratio Lower Upper

146 100

111 38.1 17.9 53.8

148 64.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 55.127 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

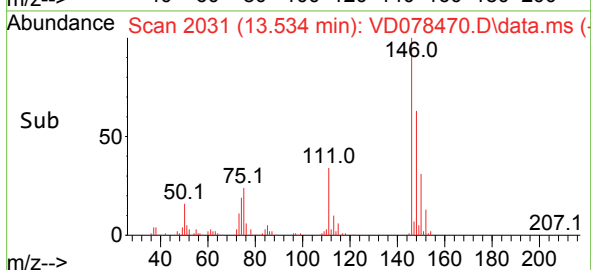
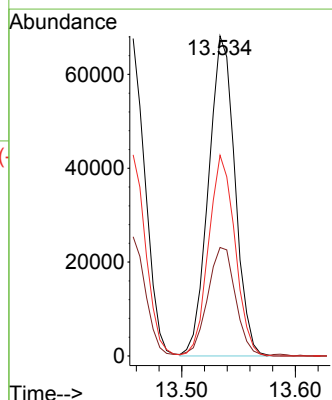
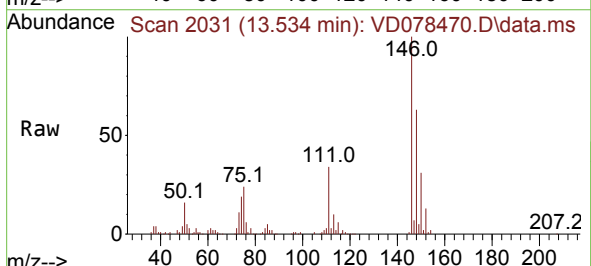
Tgt Ion:146 Resp: 110375

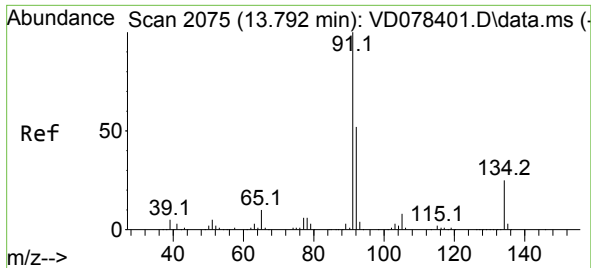
Ion Ratio Lower Upper

146 100

111 35.9 17.4 52.3

148 62.7 31.7 95.1

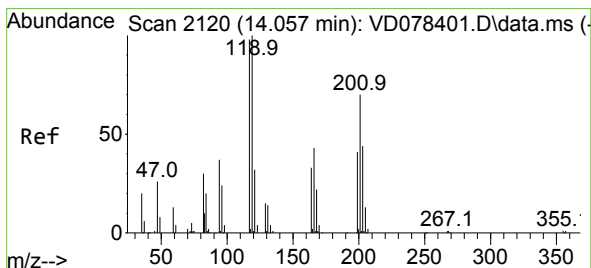
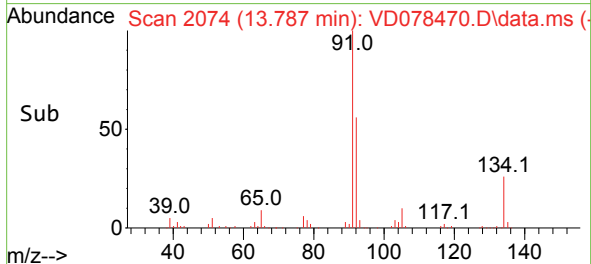
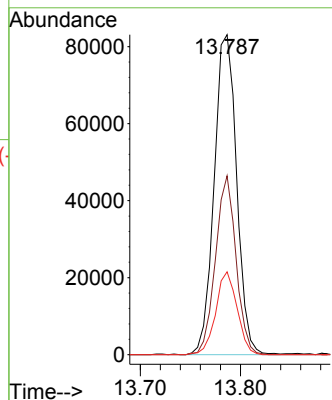
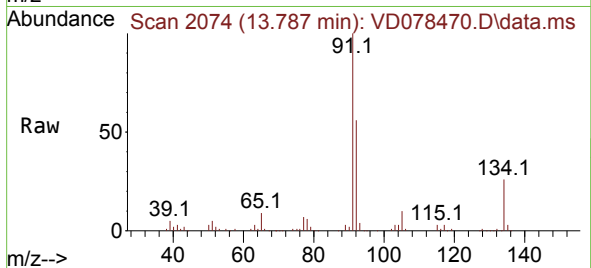




#89
n-Butylbenzene
Concen: 35.678 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

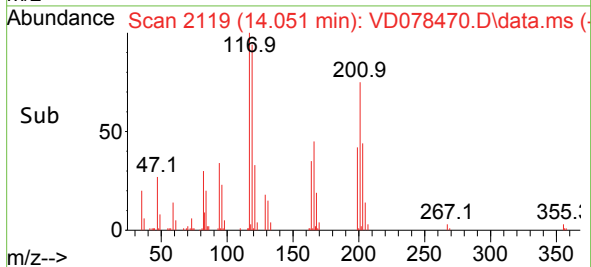
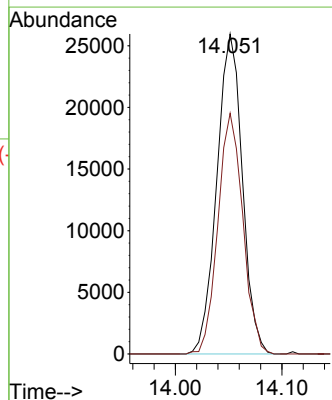
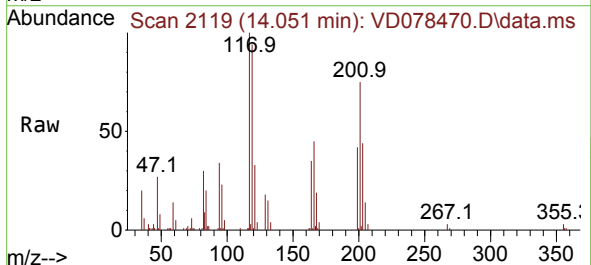
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

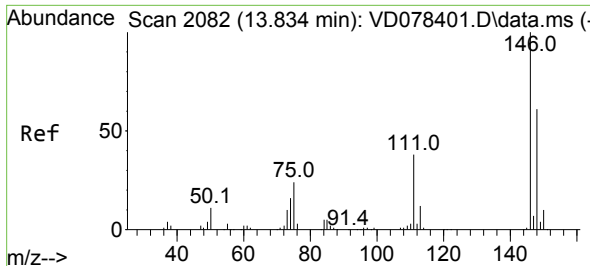
Tgt Ion: 91	Resp: 129230
Ion Ratio	Lower Upper
91 100	
92 51.2	26.5 79.5
134 24.7	13.8 41.3



#90
Hexachloroethane
Concen: 55.914 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:117	Resp: 43187		
Ion Ratio	Lower	Upper	
117 100			
201 73.3	38.5	115.5	

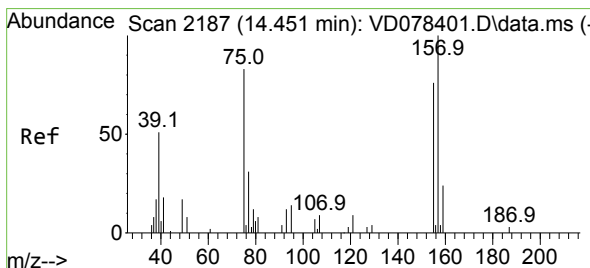
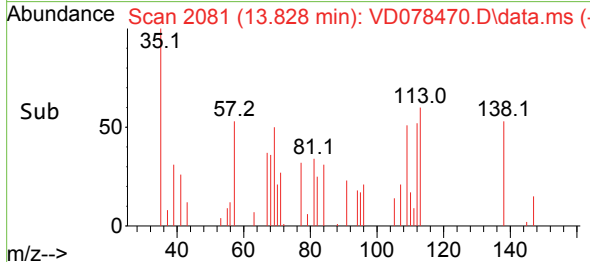
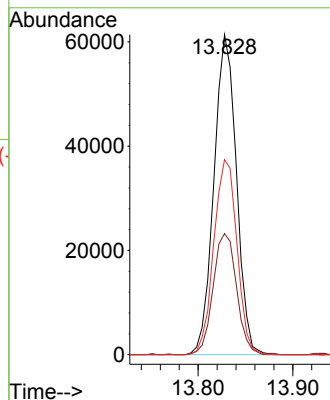
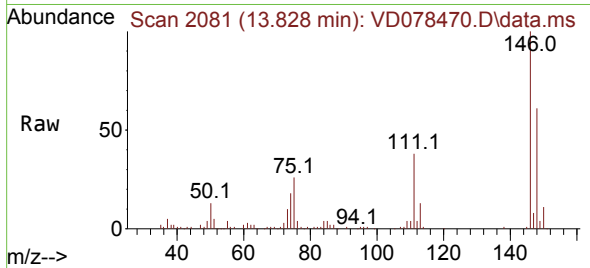




#91
1,2-Dichlorobenzene
Concen: 59.182 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

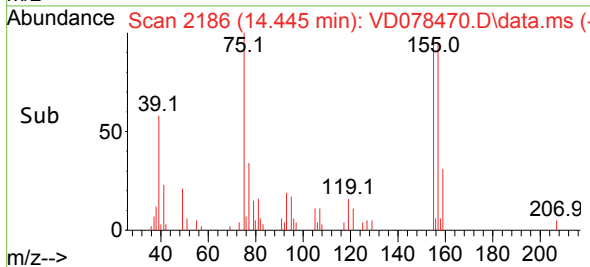
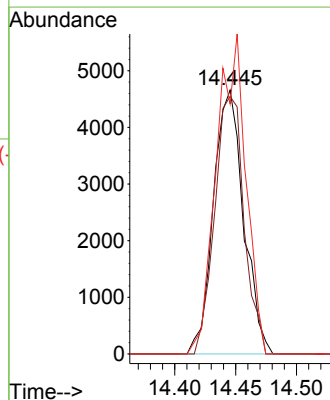
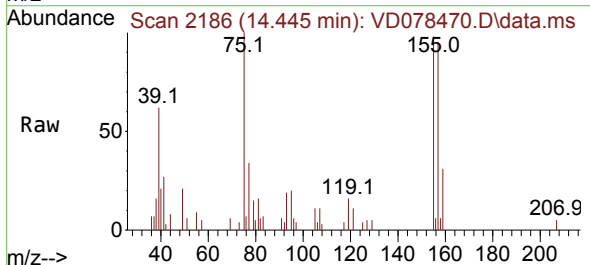
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

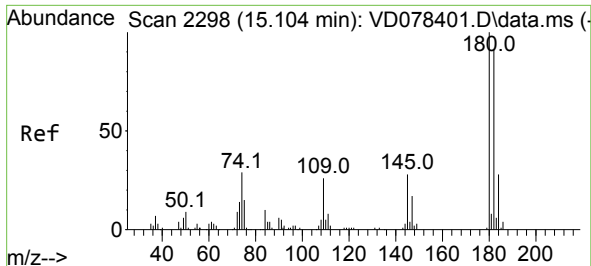
Tgt Ion:146 Resp: 101269
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 62.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 76.166 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 75 Resp: 8037
Ion Ratio Lower Upper
75 100
155 95.1 47.9 143.8
157 118.5 59.9 179.7

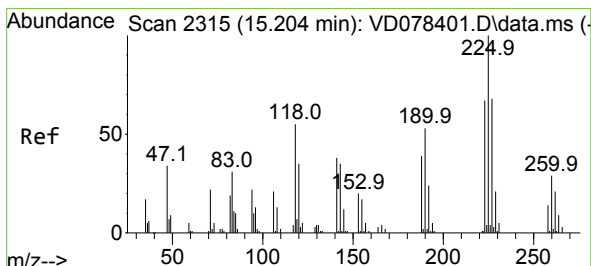
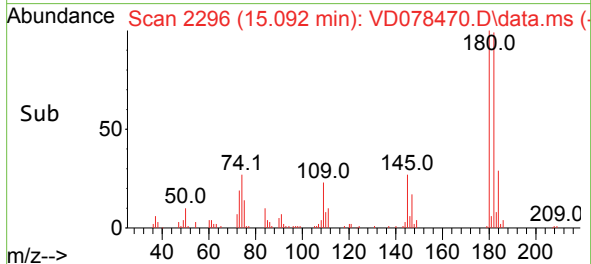
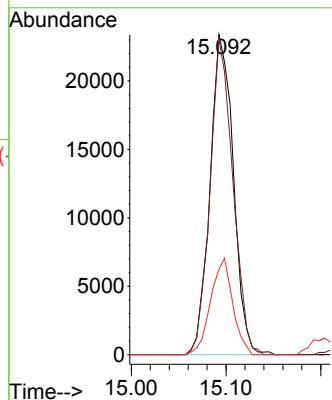
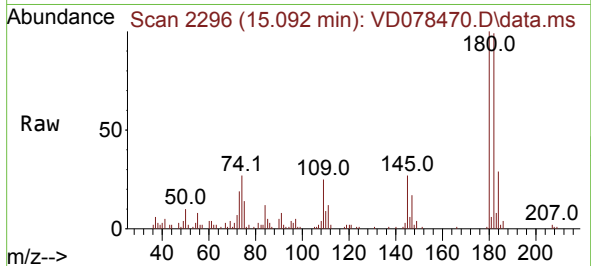




#93
1,2,4-Trichlorobenzene
Concen: 39.794 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

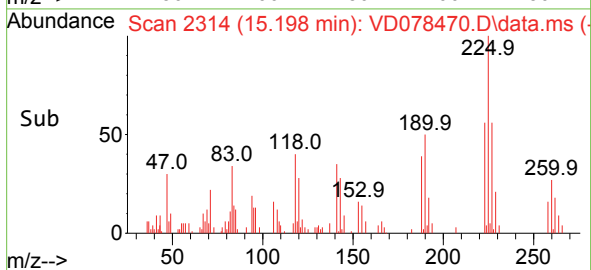
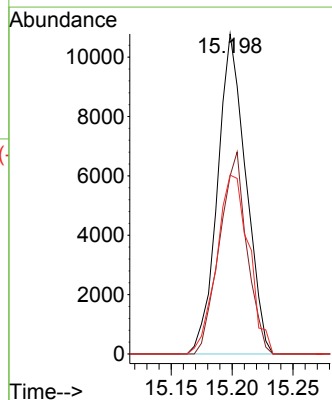
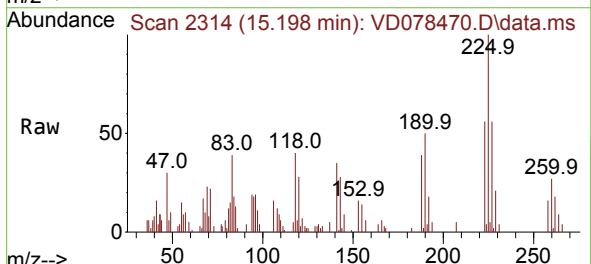
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

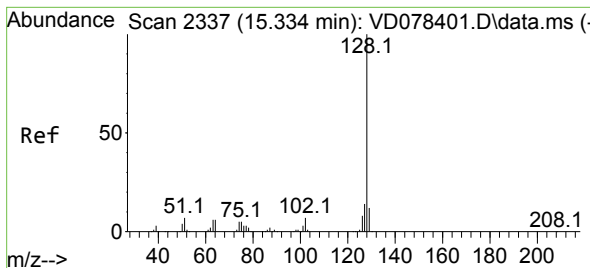
Tgt Ion:180 Resp: 40019
Ion Ratio Lower Upper
180 100
182 96.5 48.5 145.6
145 28.5 14.2 42.6



#94
Hexachlorobutadiene
Concen: 33.194 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:225 Resp: 17424
Ion Ratio Lower Upper
225 100
223 61.1 31.6 94.8
227 63.6 31.7 95.1





#95

Naphthalene

Concen: 60.483 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

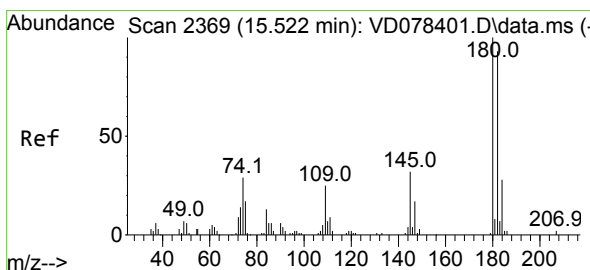
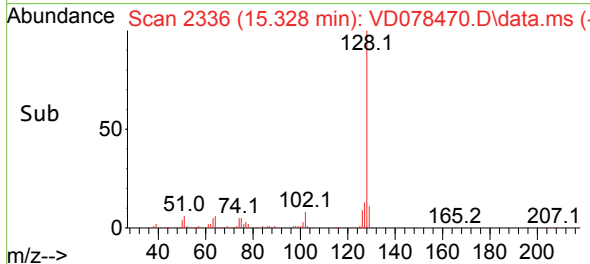
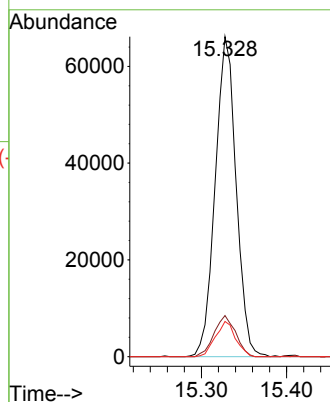
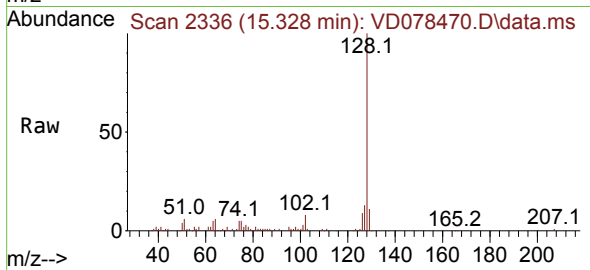
Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion:128	Resp: 112815
Ion Ratio	Lower Upper
128	100
127	12.8 10.5 15.7
129	11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 43.335 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion:180	Resp: 36934
Ion Ratio	Lower Upper
180	100
182	96.8 47.3 141.9
145	31.5 15.1 45.3

