

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078614.D
 Acq On : 08 Mar 2024 10:53
 Operator : RP/MD
 Sample : VD0308SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBL01

Quant Time: Mar 09 02:31:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

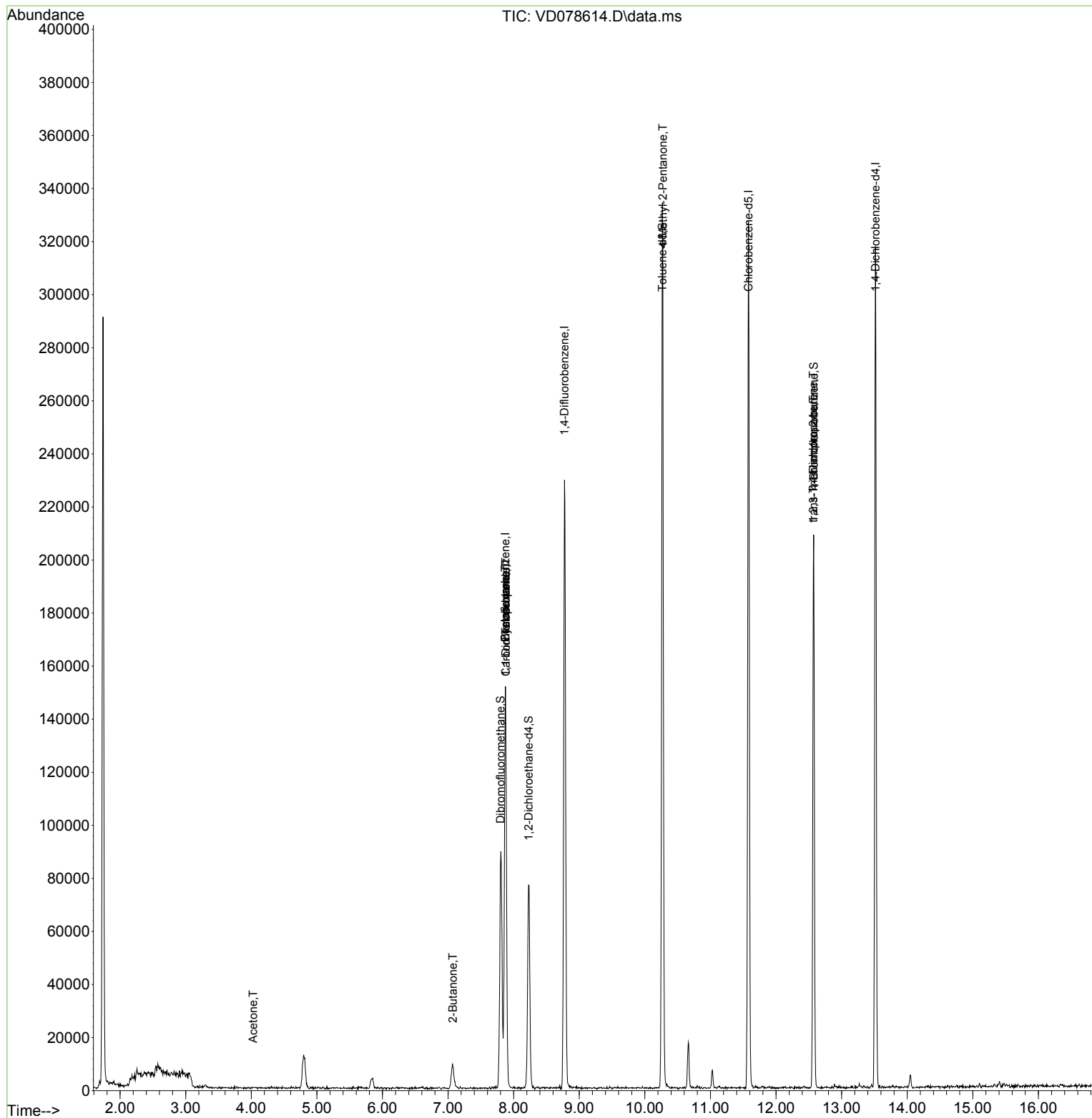
Internal Standards						
1) Pentafluorobenzene	7.875	168	120066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	214478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60471	50.807	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.620%			
35) Dibromofluoromethane	7.799	113	65919	47.248	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.500%			
50) Toluene-d8	10.269	98	238049	43.910	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 87.820%			
62) 4-Bromofluorobenzene	12.575	95	61157	39.496	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.000%			
Target Compounds						
3) Chloromethane	2.146	50	298	Below Cal		94
16) Acetone	4.028	43	257	1.127 ug/l #		32
20) Methylene Chloride	4.816	84	10787	Below Cal		95
25) 2-Butanone	7.075	43	579	2.013 ug/l #		37
31) Cyclohexane	7.875	56	2407	1.292 ug/l #		17
36) 1,1-Dichloropropene	7.881	75	9060	4.693 ug/l #		47
38) Carbon Tetrachloride	7.881	117	11582	5.736 ug/l #		11
51) 4-Methyl-2-Pentanone	10.275	43	844	1.363 ug/l #		1
76) 1,2,3-Trichloropropane	12.569	75	31405	47.886 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.569	75	31405	102.497 ug/l #		17

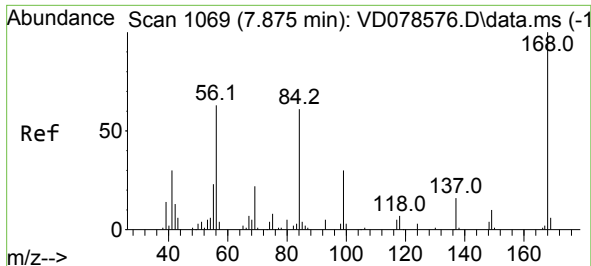
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
Data File : VD078614.D
Acq On : 08 Mar 2024 10:53
Operator : RP/MD
Sample : VD0308SBL01
Misc : 5.00G/5ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

Quant Time: Mar 09 02:31:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

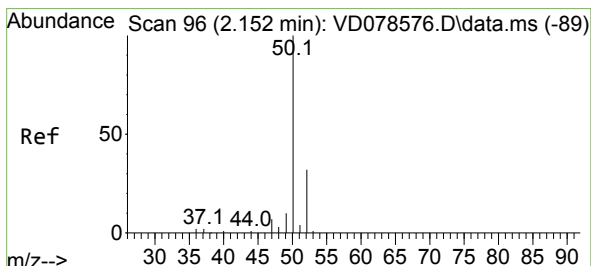
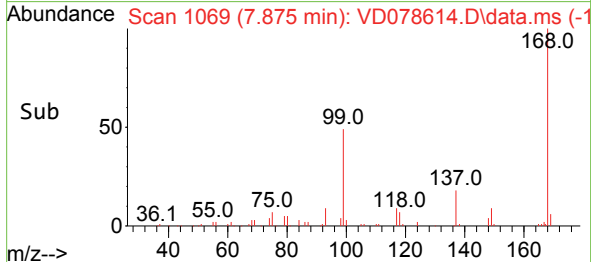
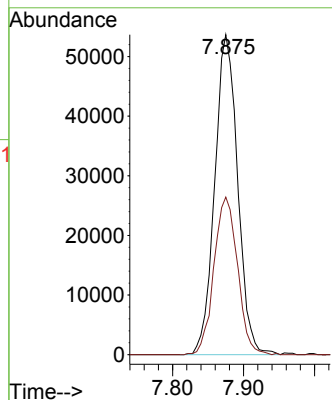
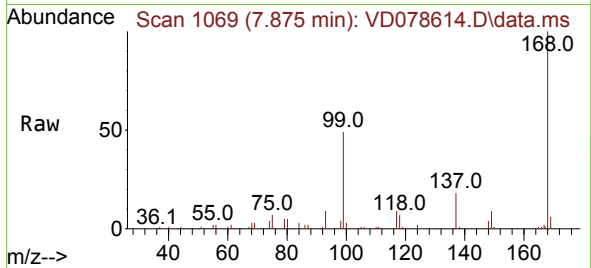




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

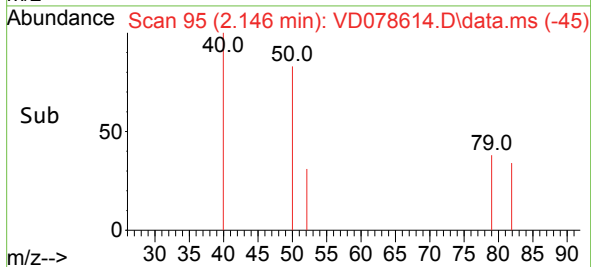
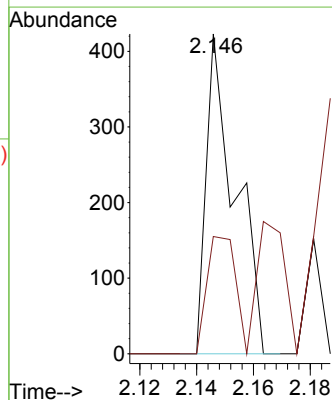
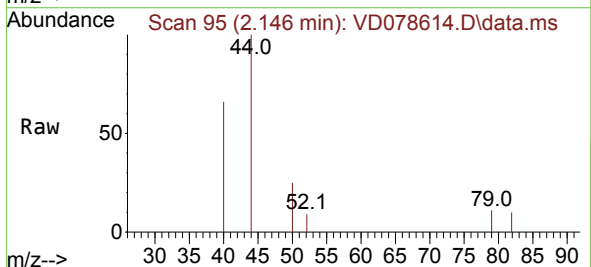
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

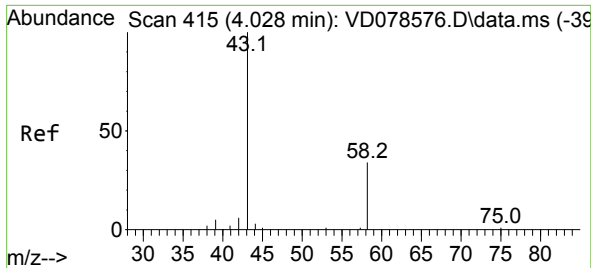
Tgt Ion:168 Resp: 120066
Ion Ratio Lower Upper
168 100
99 49.2 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 50 Resp: 298
Ion Ratio Lower Upper
50 100
52 36.6 26.6 40.0





#16

Acetone

Concen: 1.127 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078614.D

Acq: 08 Mar 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

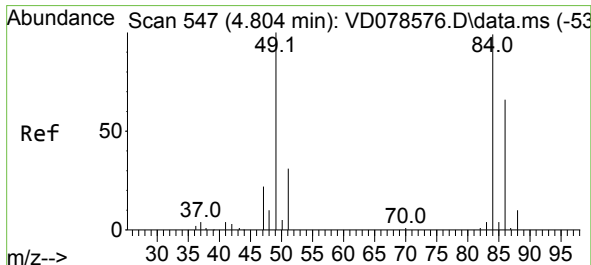
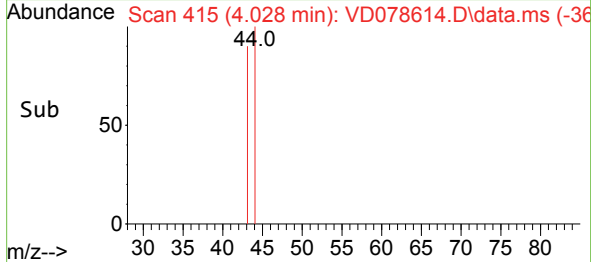
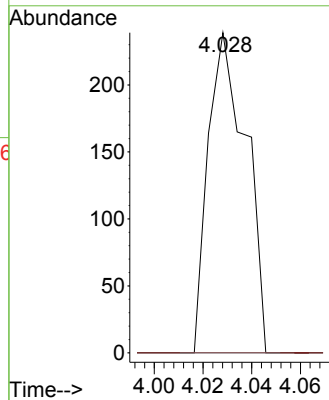
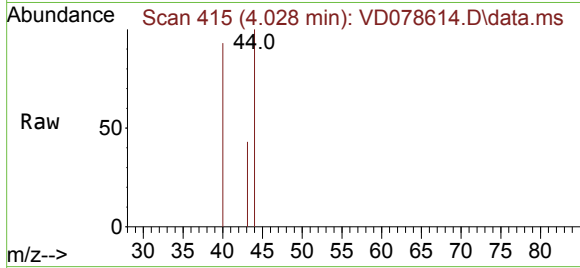
VD0308SBL01

Tgt Ion: 43 Resp: 257

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.816 min Scan# 549

Delta R.T. 0.012 min

Lab File: VD078614.D

Acq: 08 Mar 2024 10:53

Tgt Ion: 84 Resp: 10787

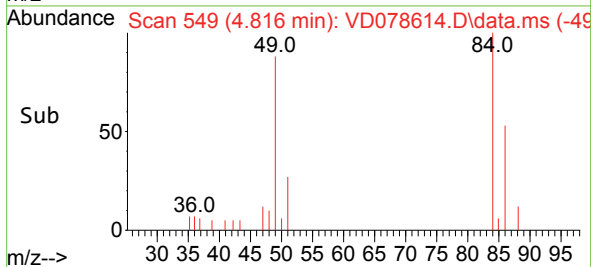
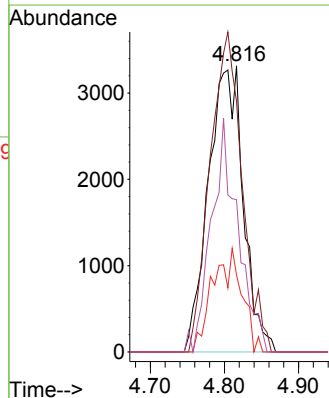
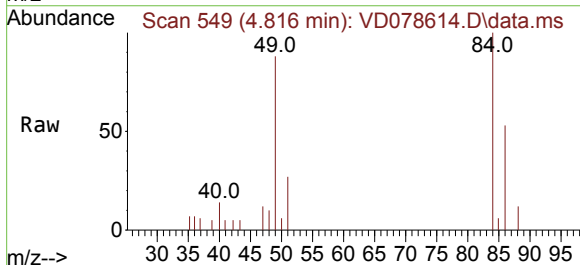
Ion Ratio Lower Upper

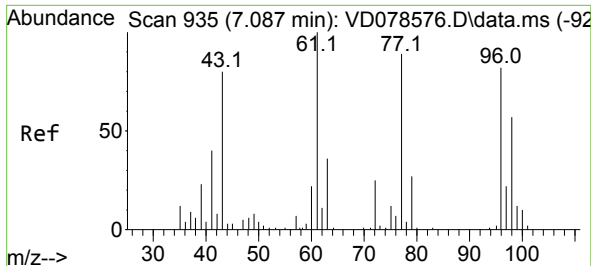
84 100

49 87.7 71.4 107.2

51 26.9 24.5 36.7

86 53.2 48.7 73.1

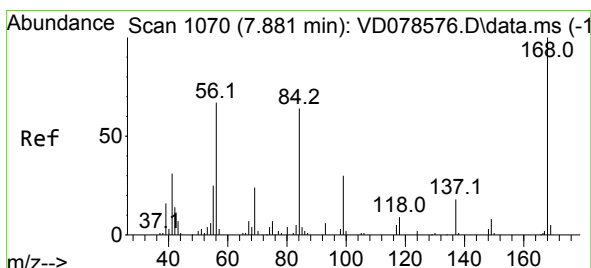
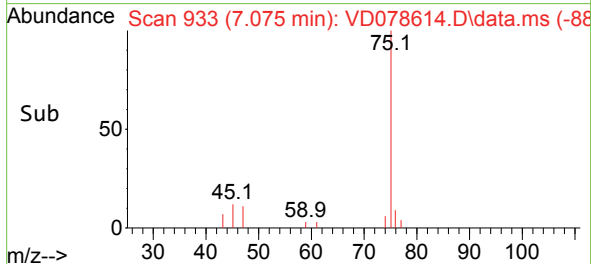
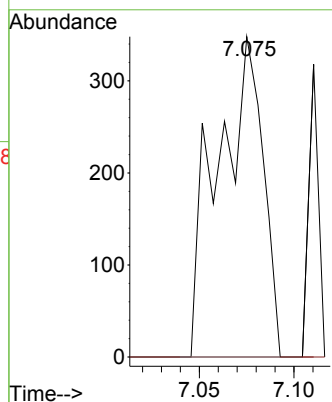
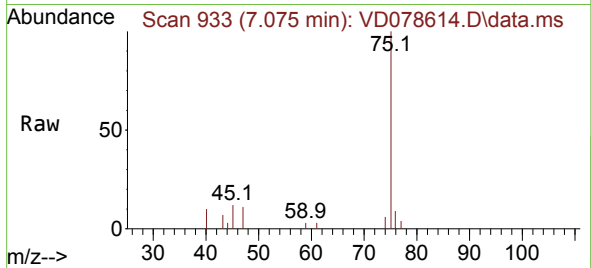




#25
2-Butanone
Concen: 2.013 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

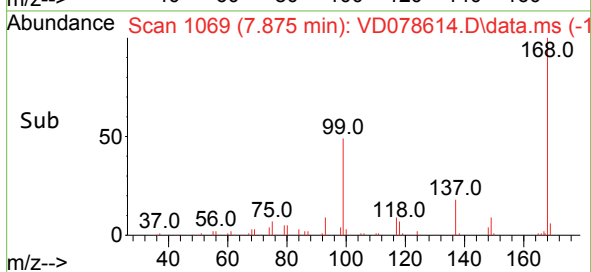
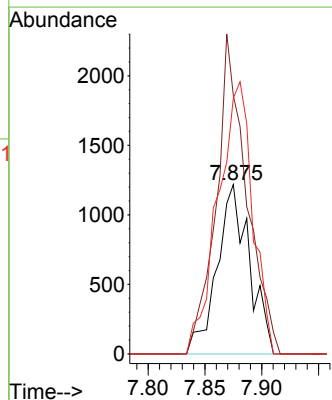
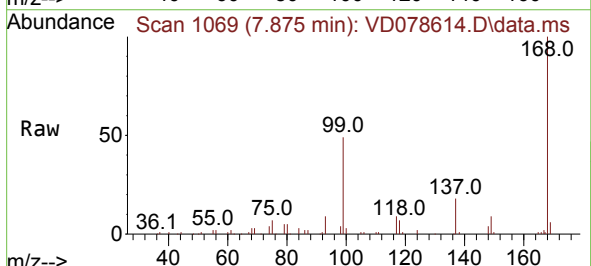
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

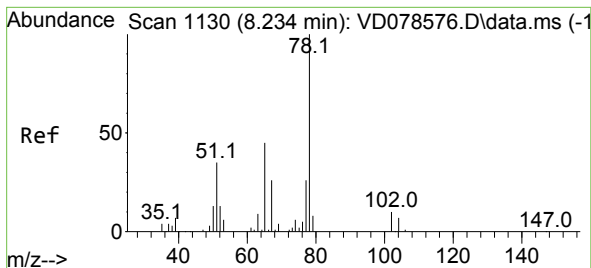
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 56 Resp: 2407
Ion Ratio Lower Upper
56 100
69 152.5 28.6 43.0#
84 150.9 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 50.807 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078614.D

Acq: 08 Mar 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

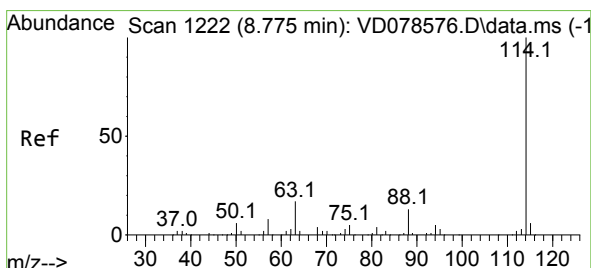
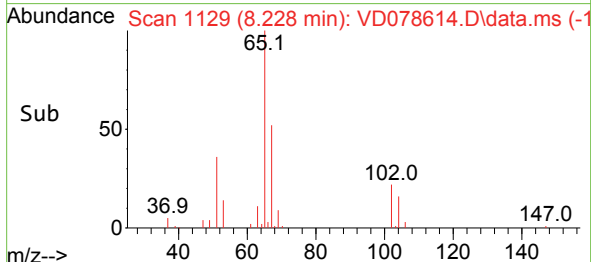
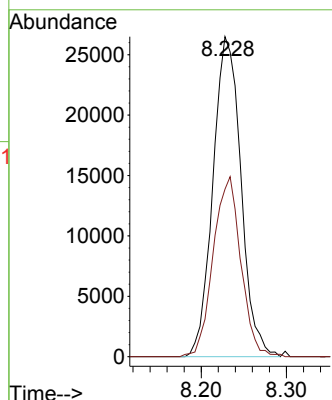
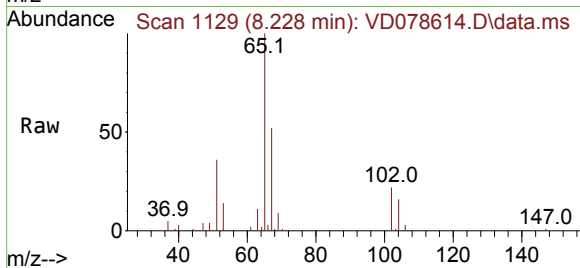
VD0308SBL01

Tgt Ion: 65 Resp: 60471

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078614.D

Acq: 08 Mar 2024 10:53

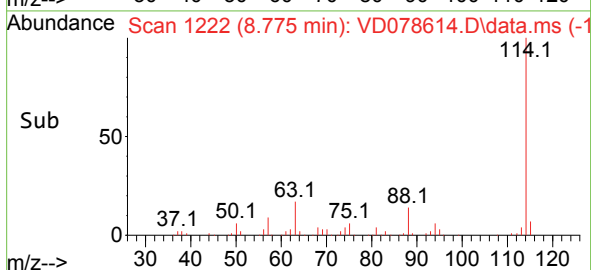
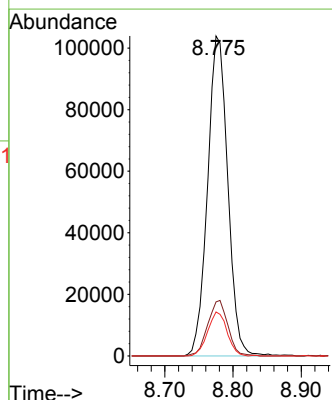
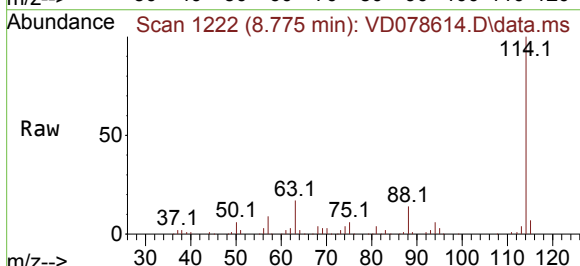
Tgt Ion: 114 Resp: 214478

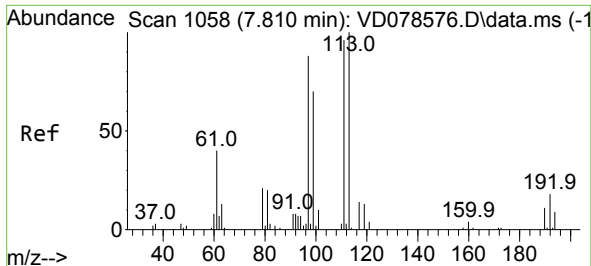
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

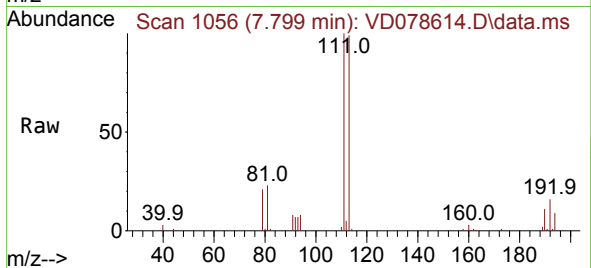
88 13.8 0.0 26.2



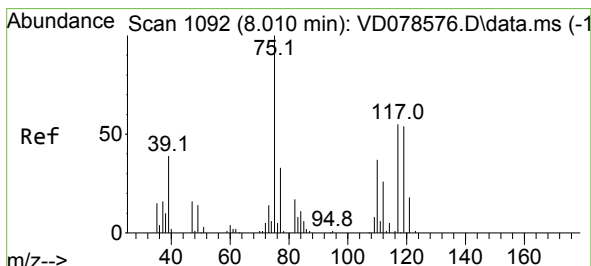
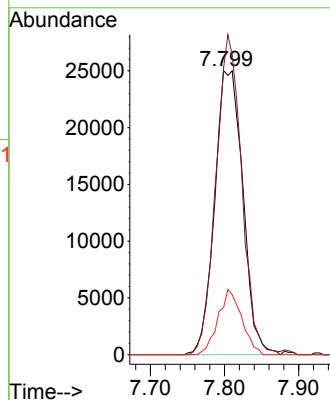
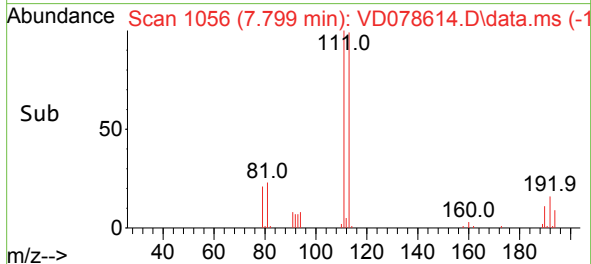


#35
Dibromofluoromethane
Concen: 47.248 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

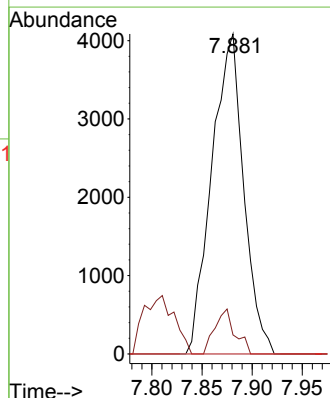
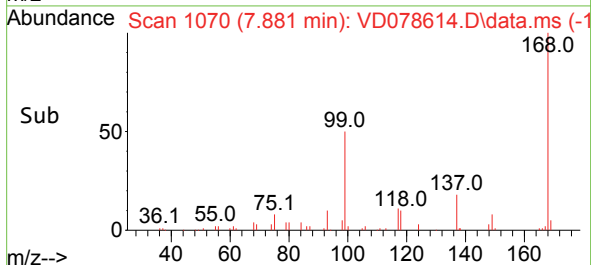
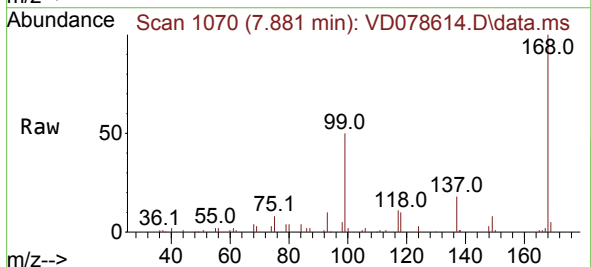


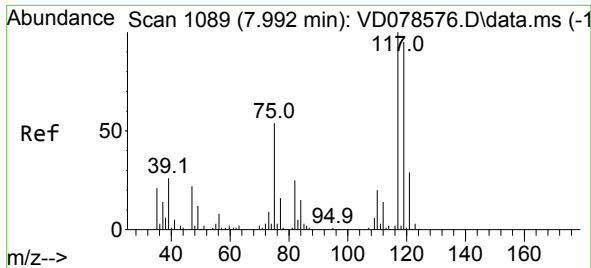
Tgt Ion:113 Resp: 65919
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.693 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 75 Resp: 9060
Ion Ratio Lower Upper
75 100
110 8.9 19.9 59.6#
77 0.0 24.7 37.1#

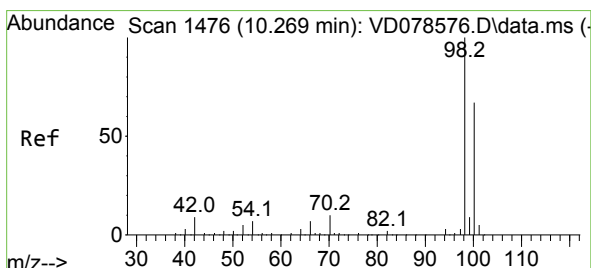
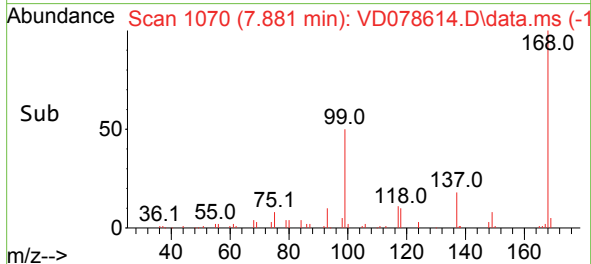
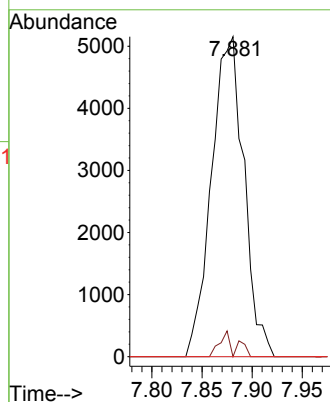
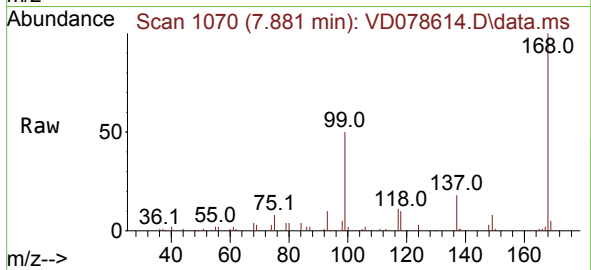




#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

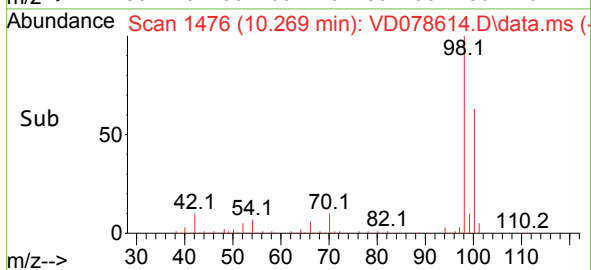
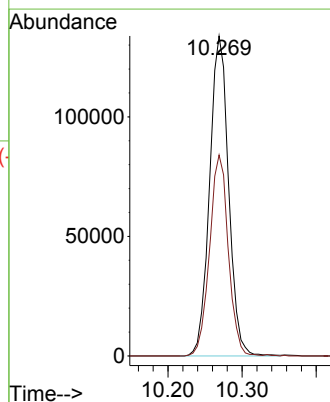
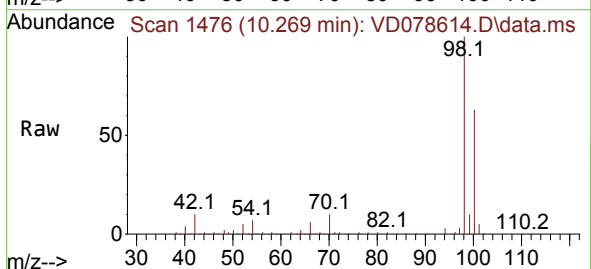
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

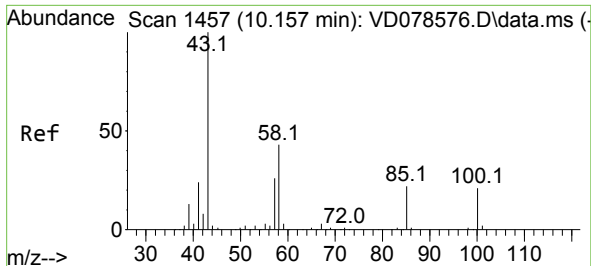
Tgt Ion:117 Resp: 11582
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.910 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 98 Resp: 238049
Ion Ratio Lower Upper
98 100
100 61.9 50.3 75.5

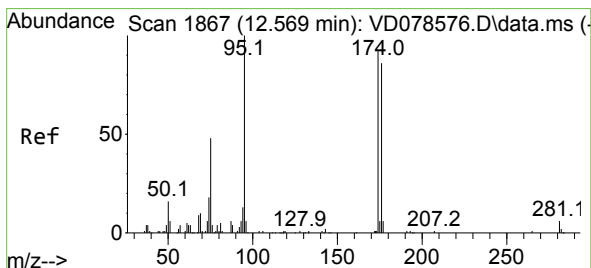
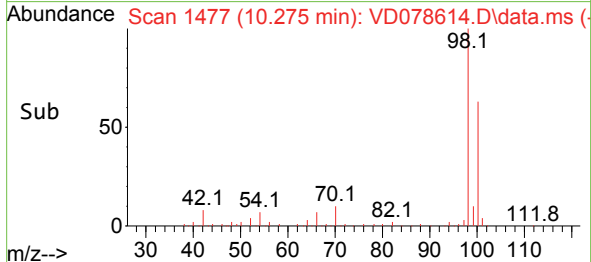
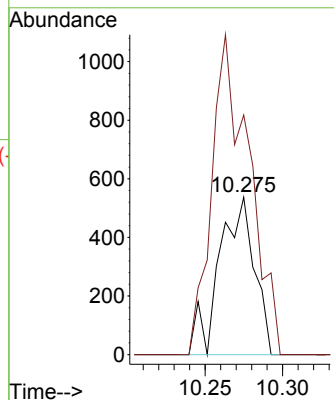
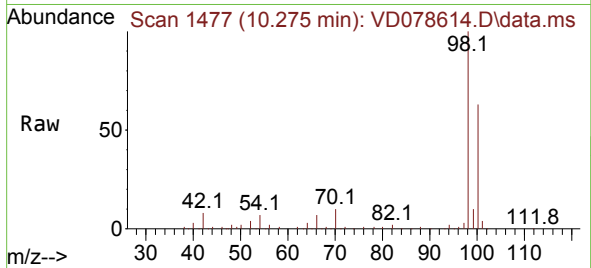




#51
4-Methyl-2-Pentanone
Concen: 1.363 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

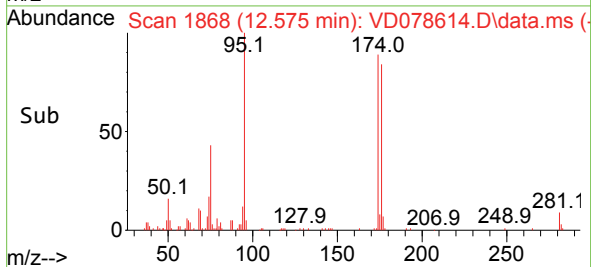
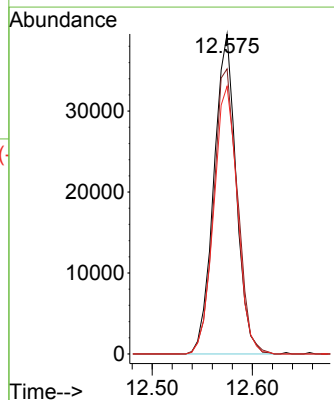
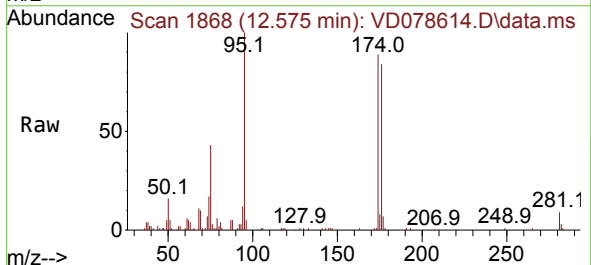
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

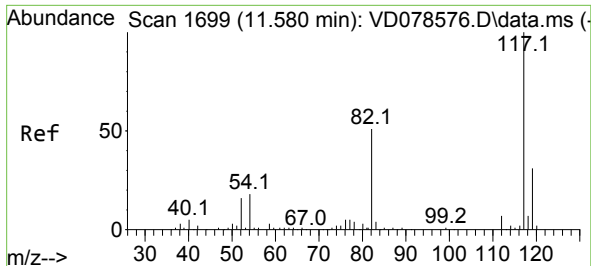
Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
58 217.4 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 39.496 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 95 Resp: 61157
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 88.6 0.0 191.8

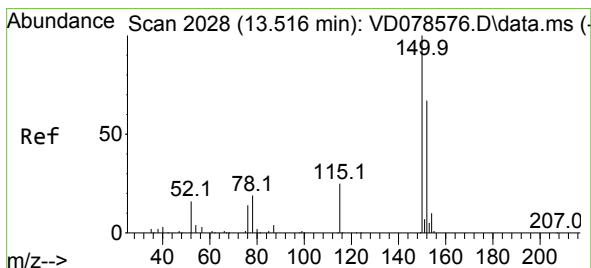
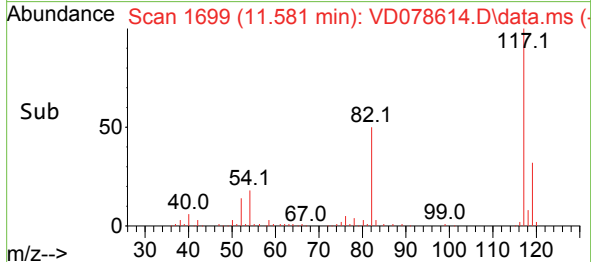
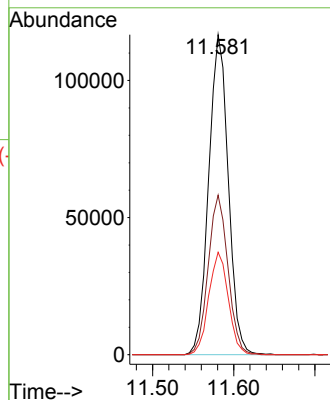
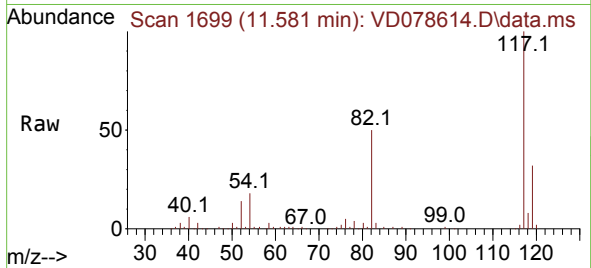




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

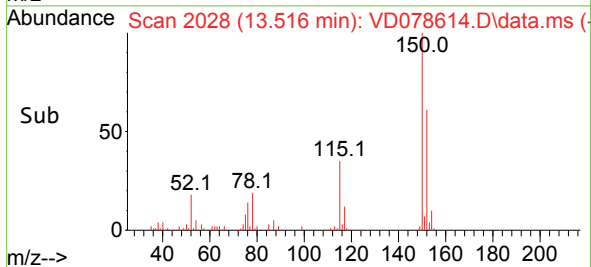
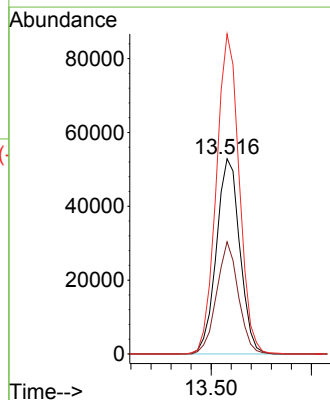
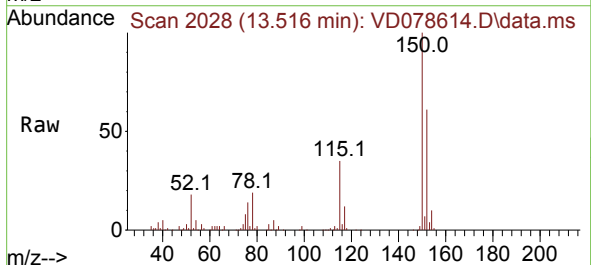
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL01

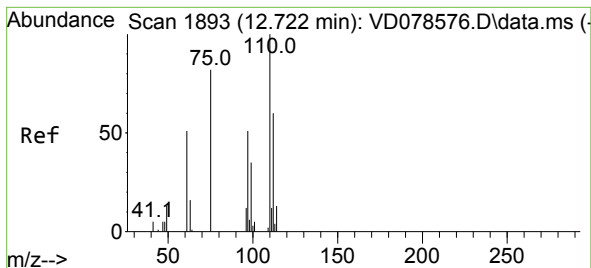
Tgt Ion:117 Resp: 195404
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078614.D
Acq: 08 Mar 2024 10:53

Tgt Ion:152 Resp: 85870
Ion Ratio Lower Upper
152 100
115 53.3 27.1 81.3
150 159.6 0.0 353.6





#76

1,2,3-Trichloropropane

Concen: 47.886 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078614.D

Acq: 08 Mar 2024 10:53

Instrument :

MSVOA_D

ClientSampleId :

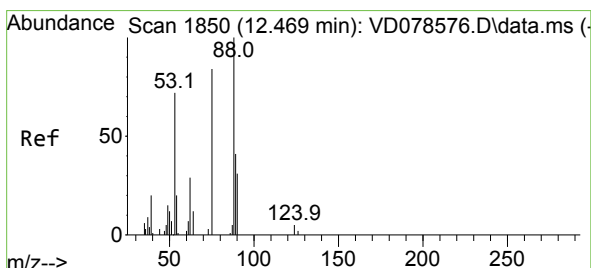
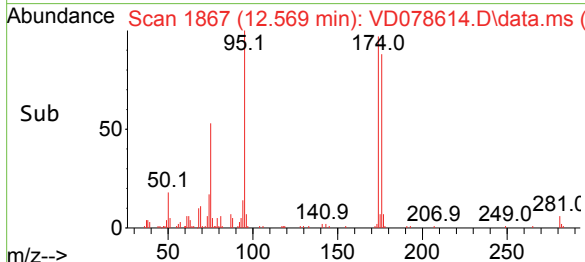
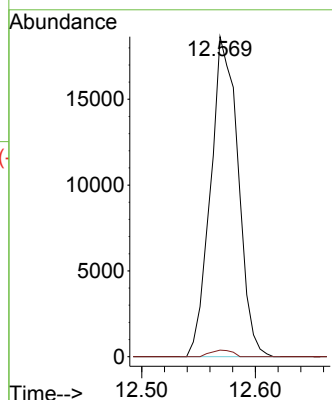
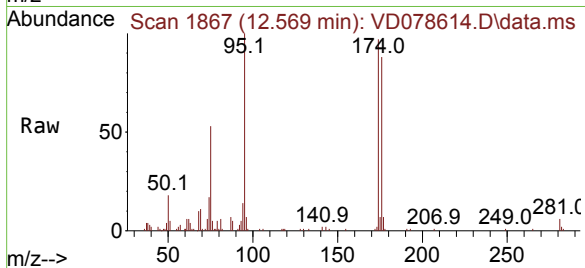
VD0308SBL01

Tgt Ion: 75 Resp: 31405

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.497 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD078614.D

Acq: 08 Mar 2024 10:53

Tgt Ion: 75 Resp: 31405

Ion Ratio Lower Upper

75 100

53 0.0 63.0 94.4#

89 0.0 37.9 56.9#

