

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078518.D
 Acq On : 22 Feb 2024 15:34
 Operator : RP/MD
 Sample : P1538-05RE
 Misc : 5.04G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 01:04:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

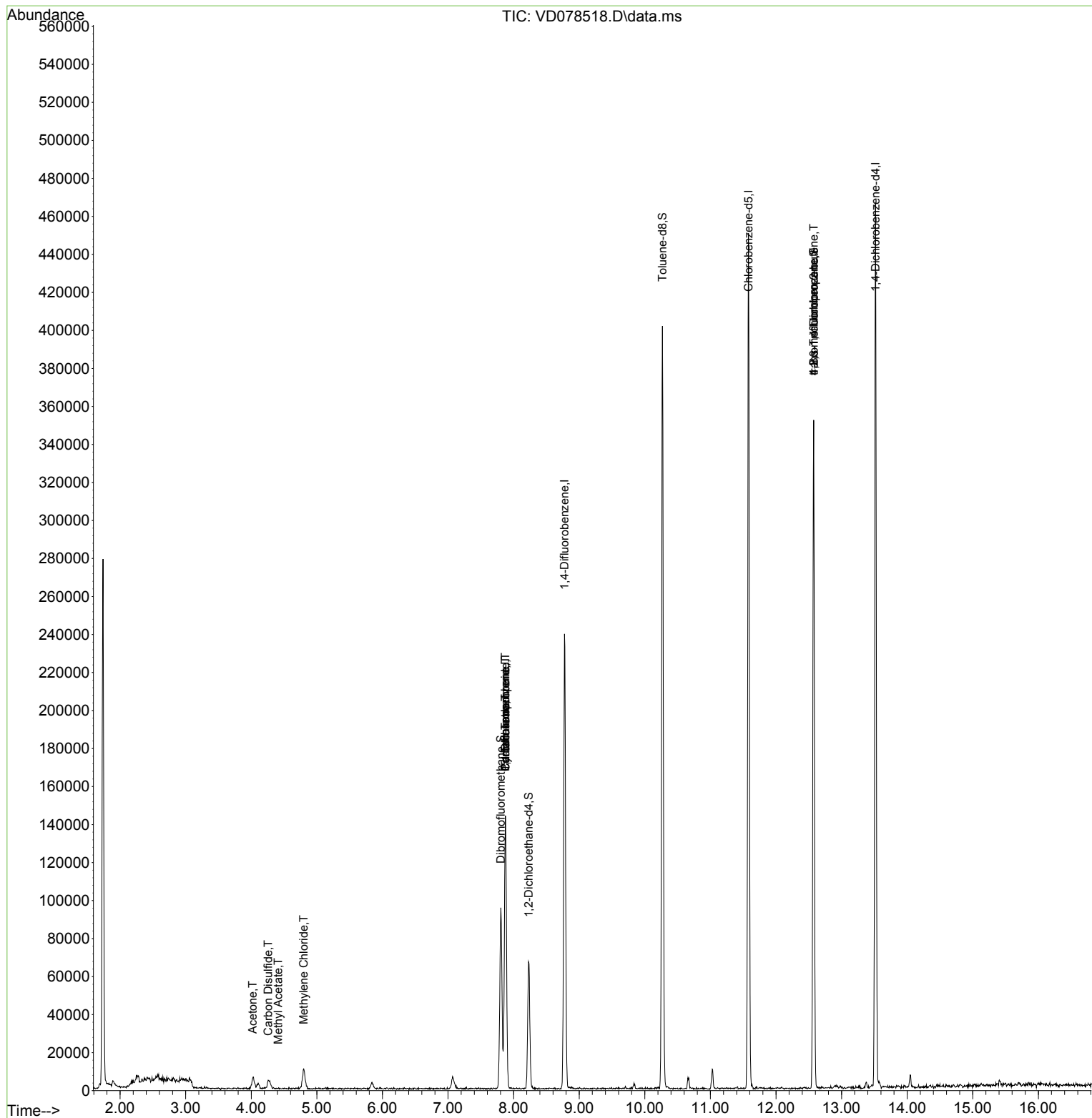
Internal Standards						
1) Pentafluorobenzene	7.875	168	111680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53577	44.369	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.740%			
35) Dibromofluoromethane	7.805	113	68659	50.073	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.140%			
50) Toluene-d8	10.269	98	282988	51.593	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.575	95	103777	65.016	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 130.040%			
Target Compounds			Qvalue			
16) Acetone	4.022	43	10711	24.254	ug/l #	74
17) Carbon Disulfide	4.258	76	9523	2.325	ug/l #	93
18) Methyl Acetate	4.411	43	59	4.003	ug/l #	42
20) Methylene Chloride	4.799	84	7902	2.864	ug/l #	88
23) Vinyl Acetate	6.105	43	59	Below Cal	#	63
25) 2-Butanone	7.105	43	2451	Below Cal		100
31) Cyclohexane	7.875	56	2522	1.235	ug/l #	50
36) 1,1-Dichloropropene	7.875	75	9453	4.438	ug/l #	42
38) Carbon Tetrachloride	7.875	117	11210	5.314	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	54118	50.818	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	54118	105.500	ug/l #	17

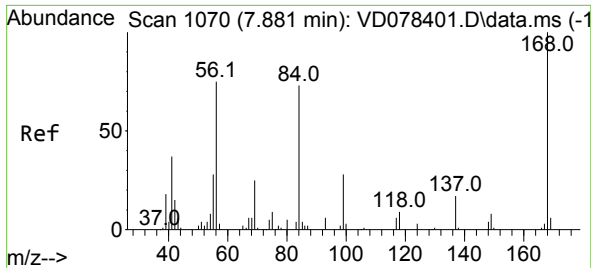
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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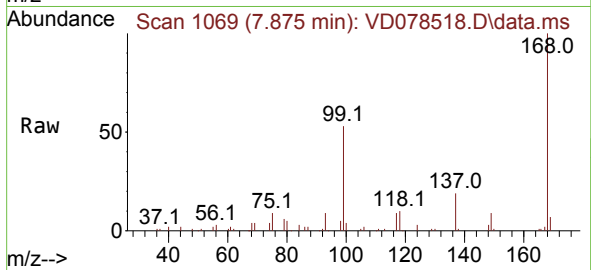
Quant Time: Feb 23 01:04:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration



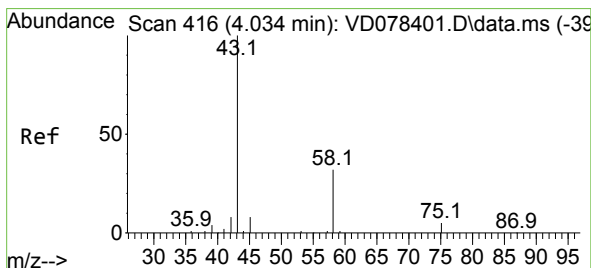
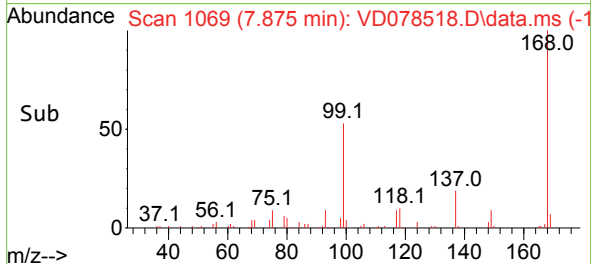
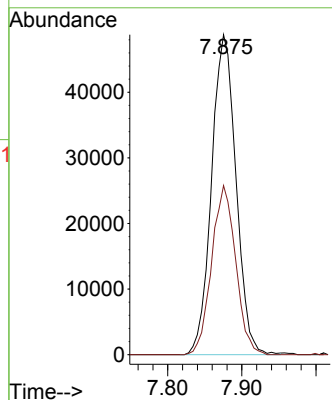


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Instrument :
MSVOA_D
ClientSampleId :

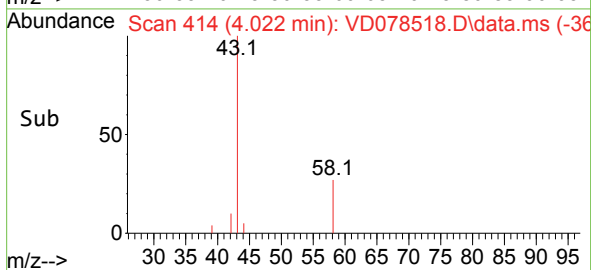
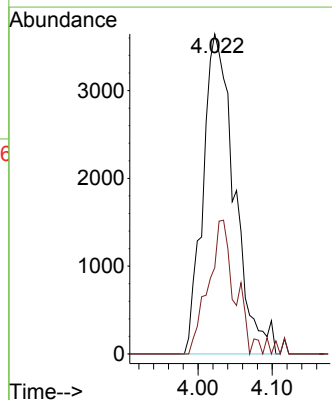
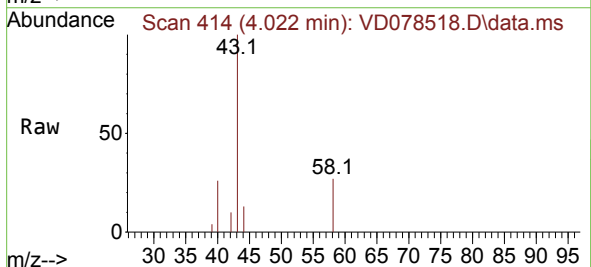


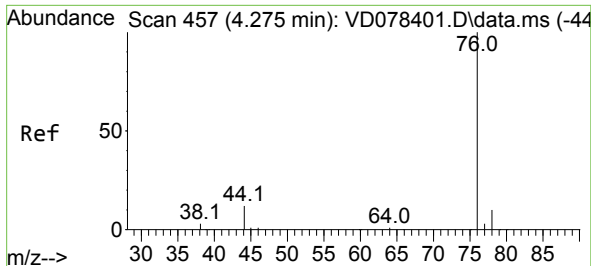
Tgt Ion:168 Resp: 111680
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#16
Acetone
Concen: 24.254 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Tgt Ion: 43 Resp: 10711
Ion Ratio Lower Upper
43 100
58 27.0 34.7 52.1#

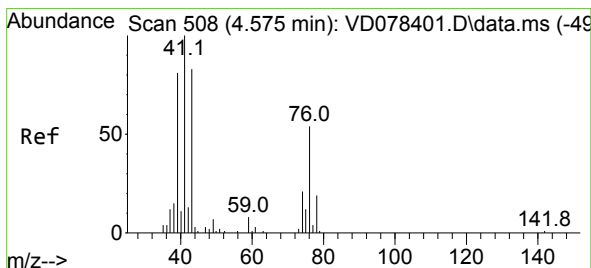
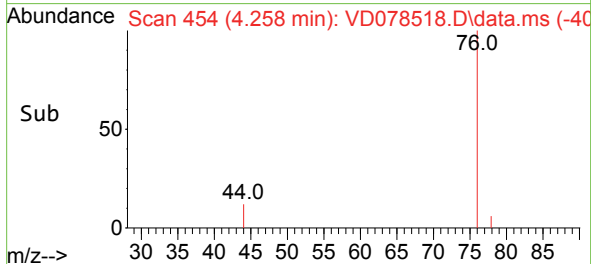
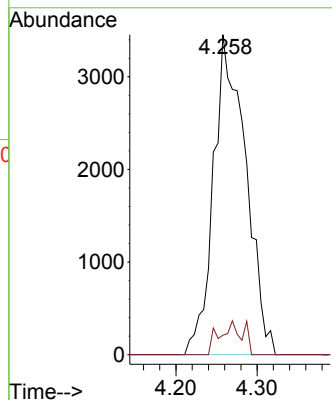
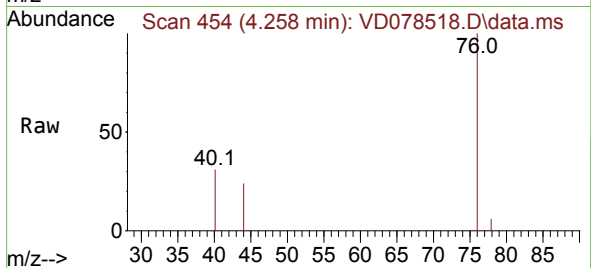




#17
Carbon Disulfide
Concen: 2.325 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.018 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

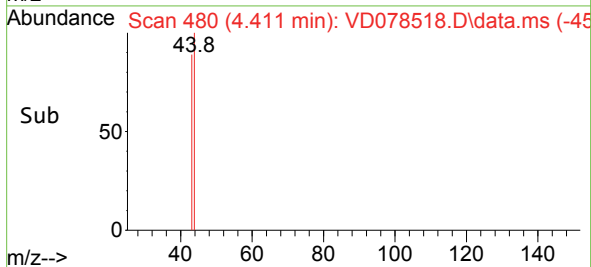
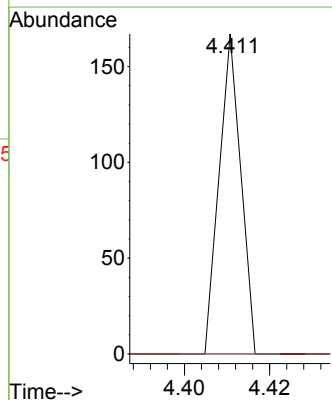
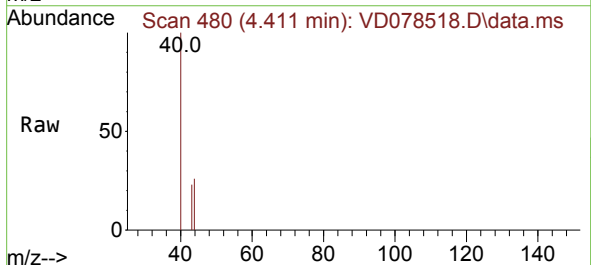
Instrument :
MSVOA_D
ClientSampleId :

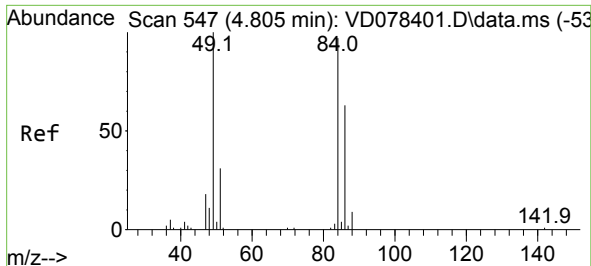
Tgt Ion: 76 Resp: 9523
Ion Ratio Lower Upper
76 100
78 6.1 6.8 10.2#



#18
Methyl Acetate
Concen: 4.003 ug/l
RT: 4.411 min Scan# 480
Delta R.T. -0.164 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

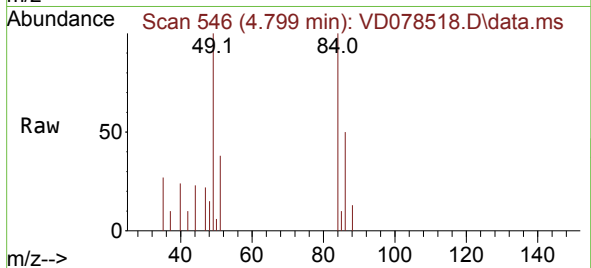
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



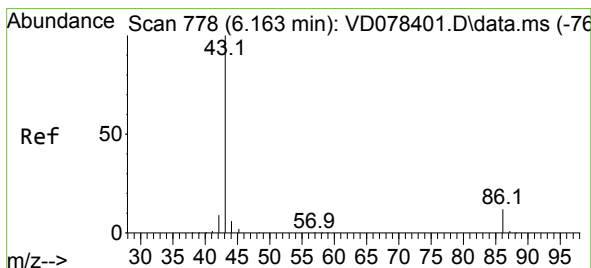
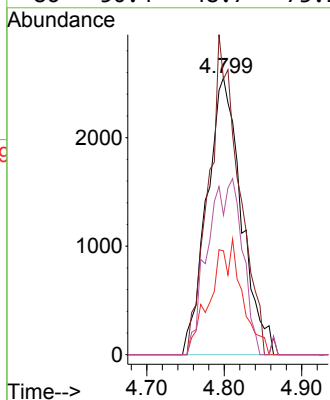
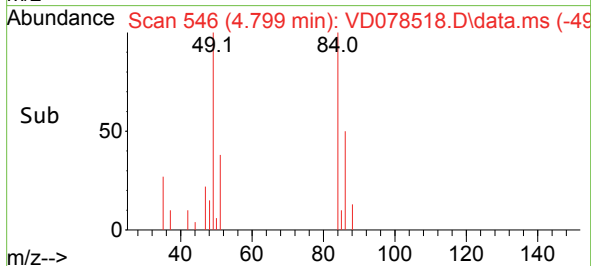


#20
Methylene Chloride
Concen: 2.864 ug/l
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Instrument :
MSVOA_D
ClientSampleId :

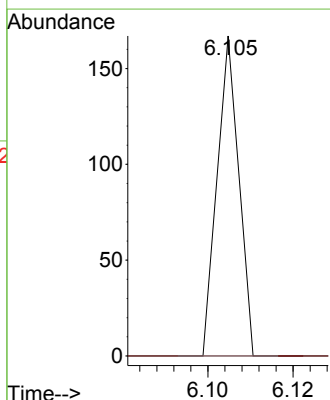
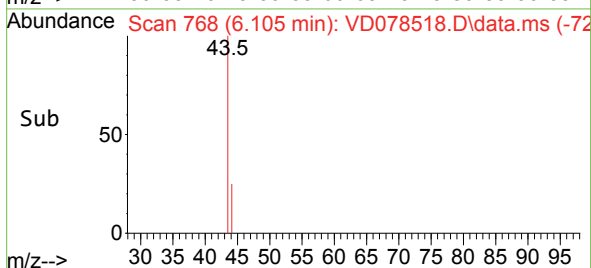
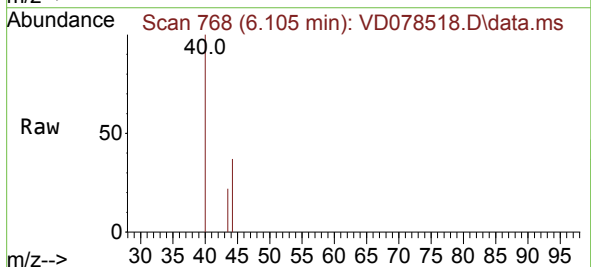


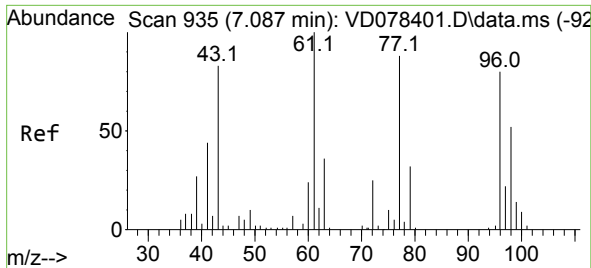
Tgt Ion: 84 Resp: 7902
Ion Ratio Lower Upper
84 100
49 99.5 71.4 107.2
51 37.5 24.5 36.7#
86 50.4 48.7 73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.105 min Scan# 768
Delta R.T. -0.058 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
86 0.0 12.5 18.7#

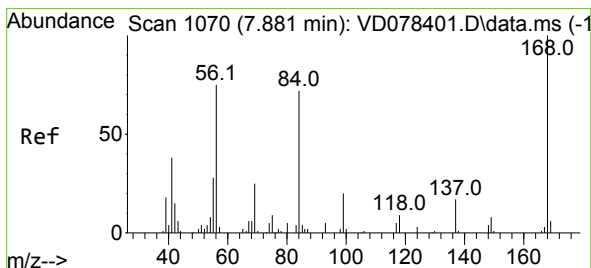
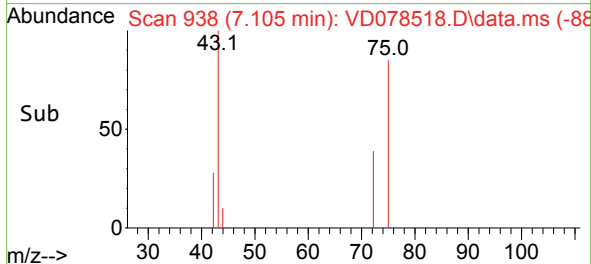
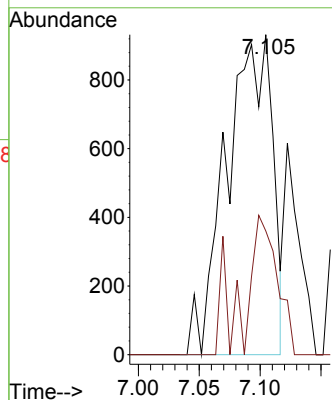
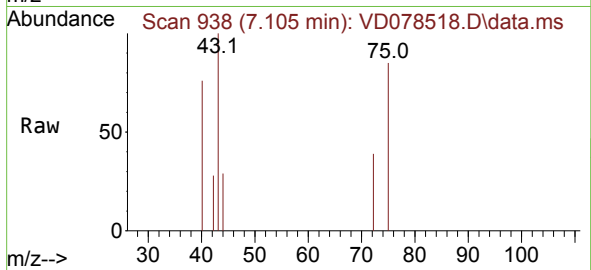




#25
2-Butanone
Concen: Below Cal
RT: 7.105 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

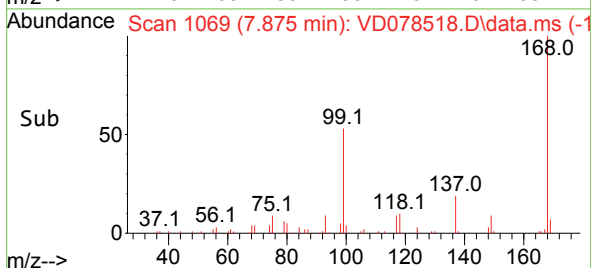
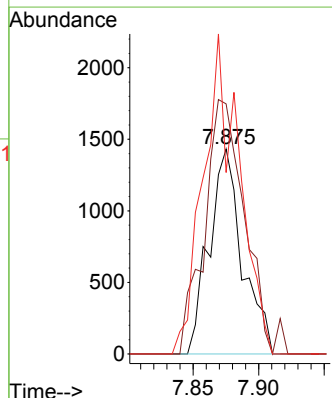
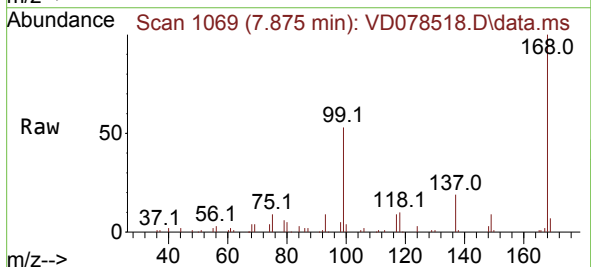
Instrument :
MSVOA_D
ClientSampleId :

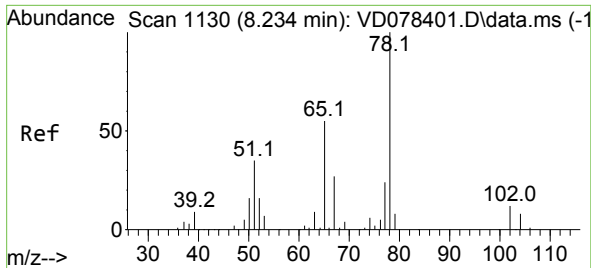
Tgt Ion: 43 Resp: 2451
Ion Ratio Lower Upper
43 100
72 38.6 30.7 46.1



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Tgt Ion: 56 Resp: 2522
Ion Ratio Lower Upper
56 100
69 122.1 28.6 43.0#
84 88.5 84.8 127.2

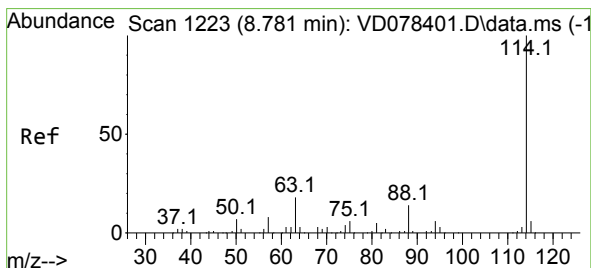
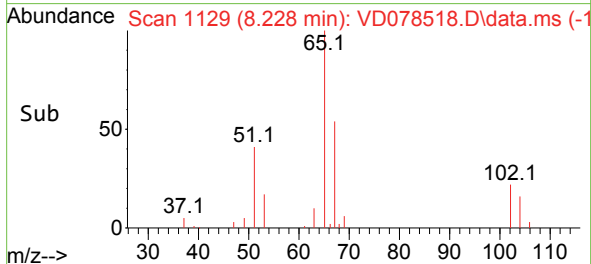
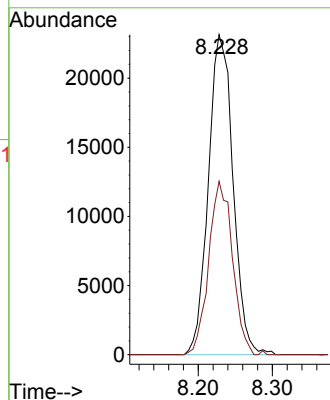
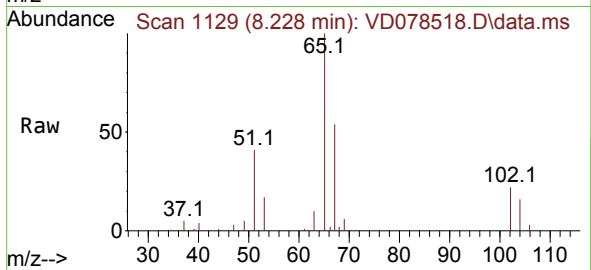




#33
1,2-Dichloroethane-d4
Concen: 44.369 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

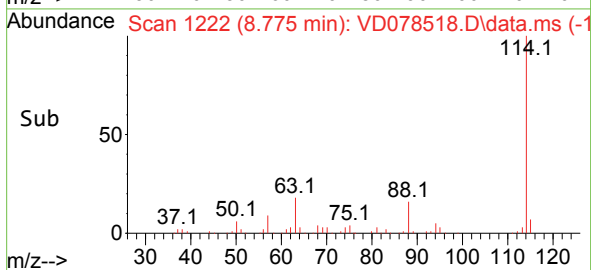
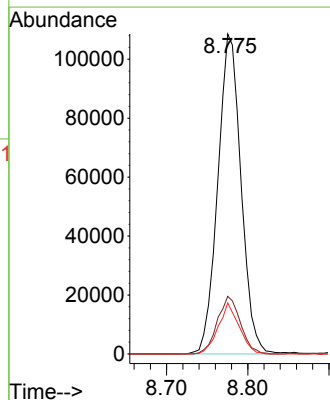
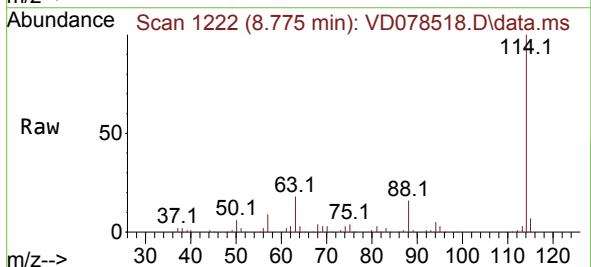
Instrument :
MSVOA_D
ClientSampleId :

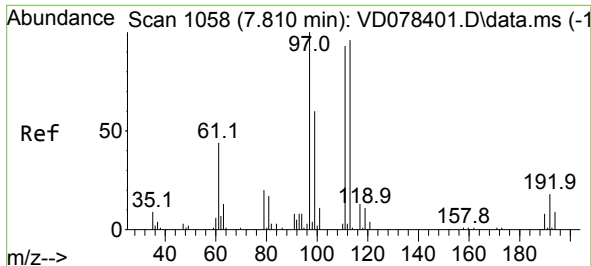
Tgt Ion: 65 Resp: 53577
Ion Ratio Lower Upper
65 100
67 52.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

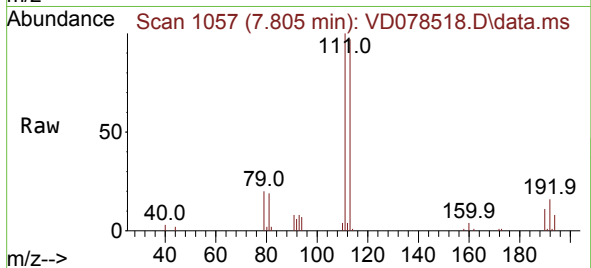
Tgt Ion:114 Resp: 215858
Ion Ratio Lower Upper
114 100
63 18.0 0.0 33.4
88 16.0 0.0 26.2



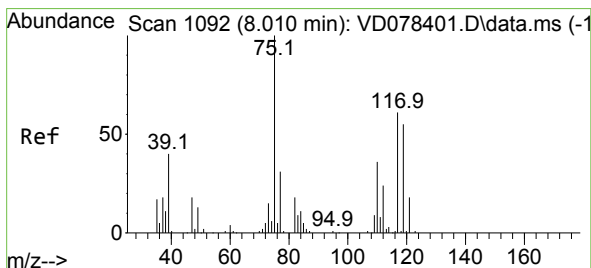
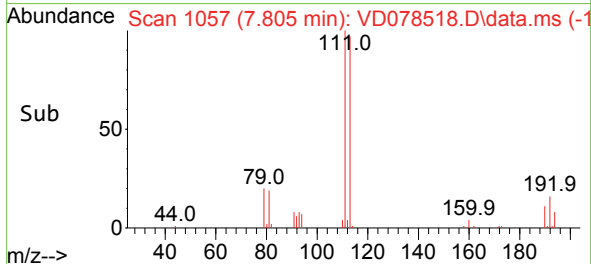
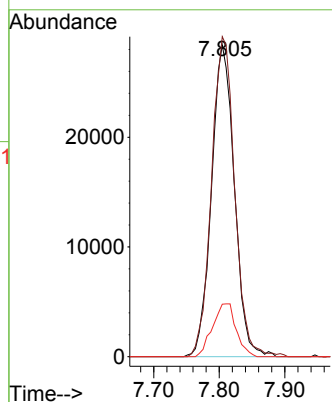


#35
 Dibromofluoromethane
 Concen: 50.073 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078518.D
 Acq: 22 Feb 2024 15:34

Instrument :
 MSVOA_D
 ClientSampleId :

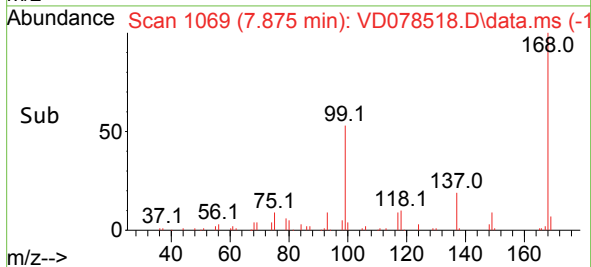
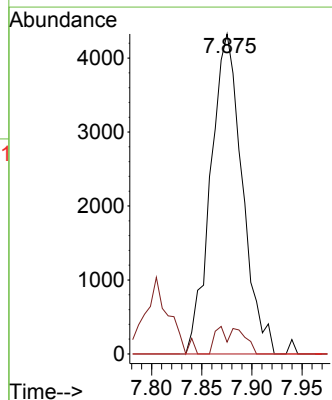
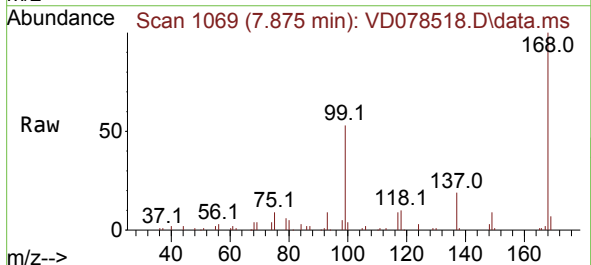


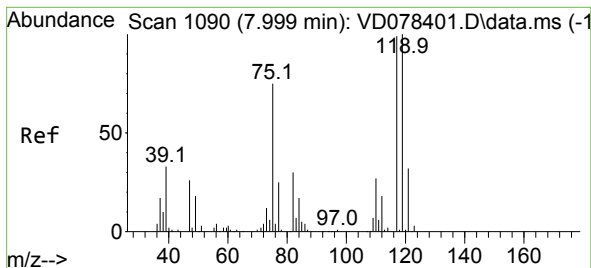
Tgt Ion:113 Resp: 68659
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.7 127.1
 192 17.6 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.438 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD078518.D
 Acq: 22 Feb 2024 15:34

Tgt Ion: 75 Resp: 9453
 Ion Ratio Lower Upper
 75 100
 110 3.1 19.9 59.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.314 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.123 min

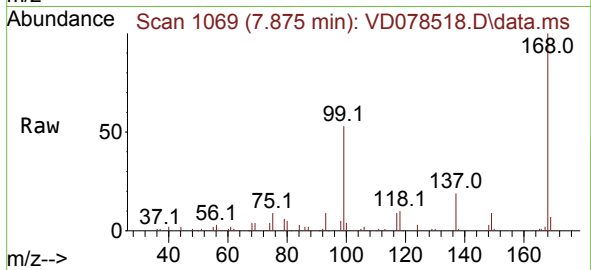
Lab File: VD078518.D

Acq: 22 Feb 2024 15:34

Instrument :

MSVOA_D

ClientSampleId :



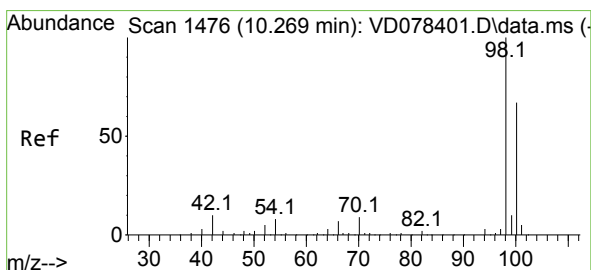
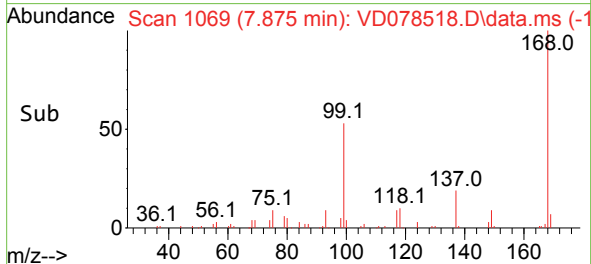
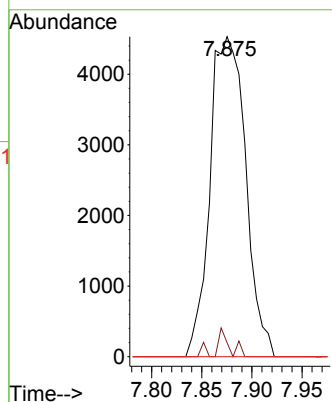
Tgt Ion:117 Resp: 11210

Ion Ratio Lower Upper

117 100

119 4.3 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 51.593 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078518.D

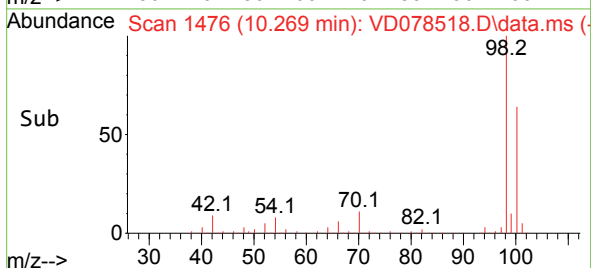
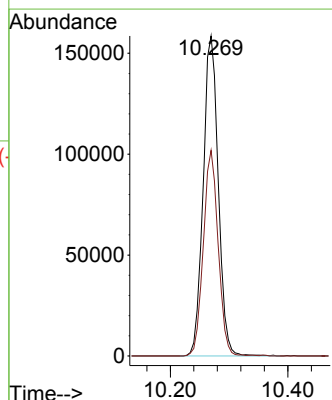
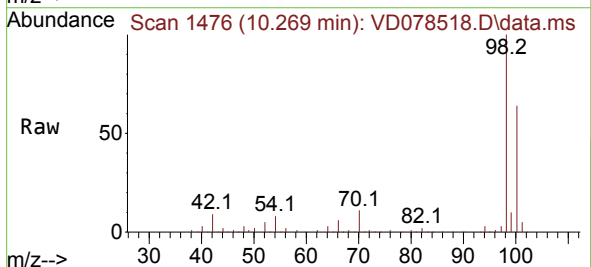
Acq: 22 Feb 2024 15:34

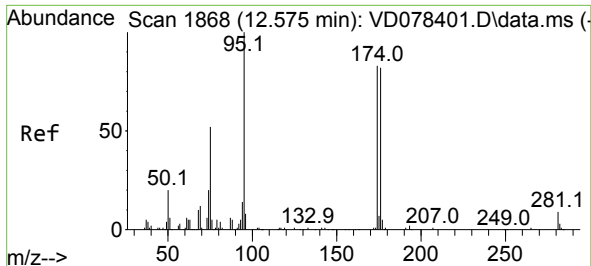
Tgt Ion: 98 Resp: 282988

Ion Ratio Lower Upper

98 100

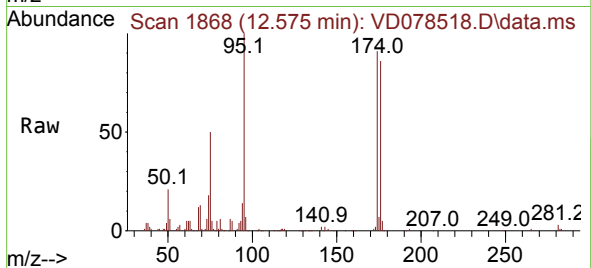
100 63.0 50.3 75.5



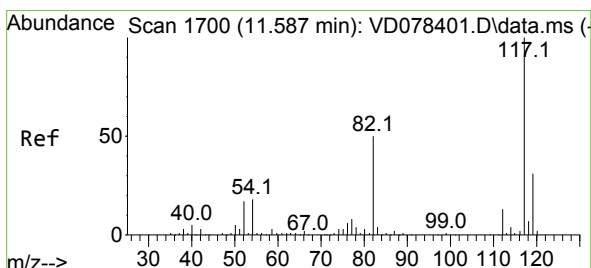
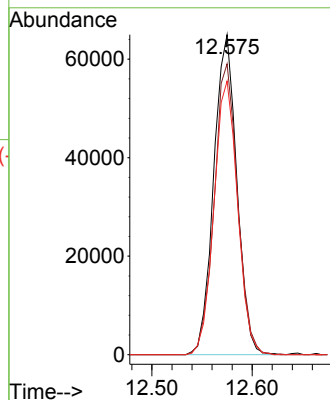
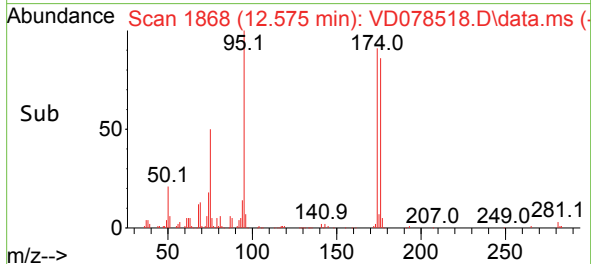


#62
4-Bromofluorobenzene
Concen: 65.016 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

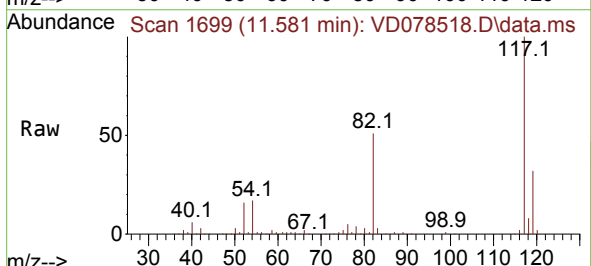
Instrument :
MSVOA_D
ClientSampleId :



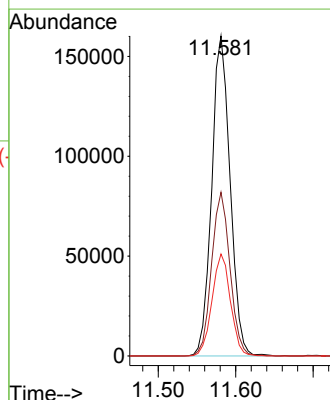
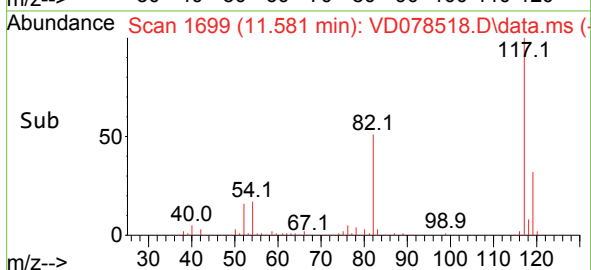
Tgt Ion: 95 Resp: 103777
Ion Ratio Lower Upper
95 100
174 92.0 0.0 201.8
176 87.3 0.0 191.8

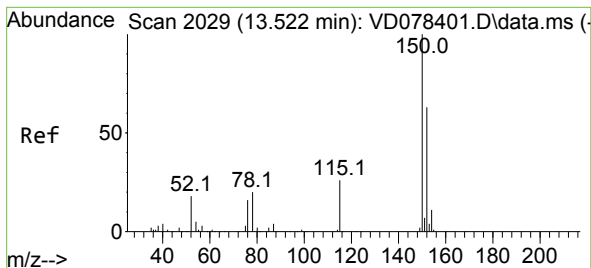


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34



Tgt Ion: 117 Resp: 264741
Ion Ratio Lower Upper
117 100
82 51.2 38.3 57.5
119 31.9 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2029

Delta R.T. -0.006 min

Lab File: VD078518.D

Acq: 22 Feb 2024 15:34

Instrument :

MSVOA_D

ClientSampleId :

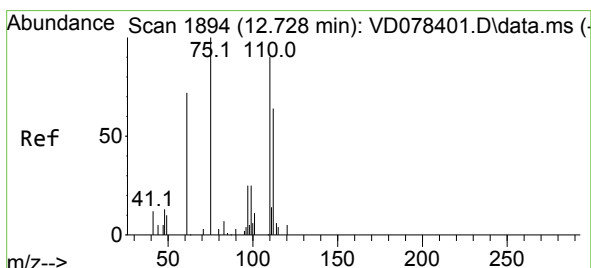
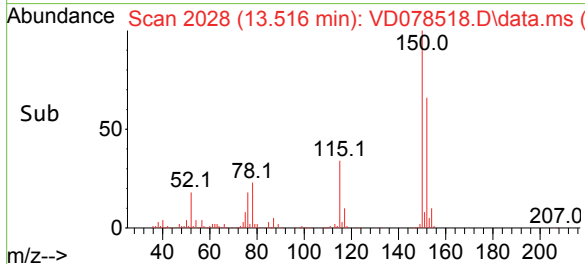
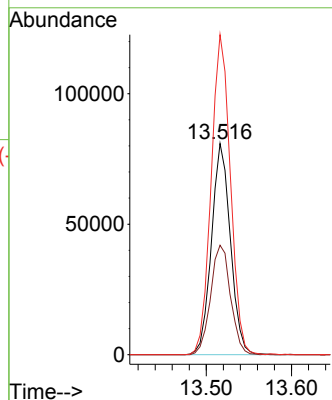
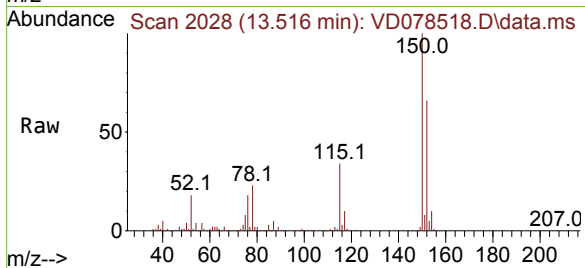
Tgt Ion:152 Resp: 125438

Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.3

150 153.5 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 50.818 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD078518.D

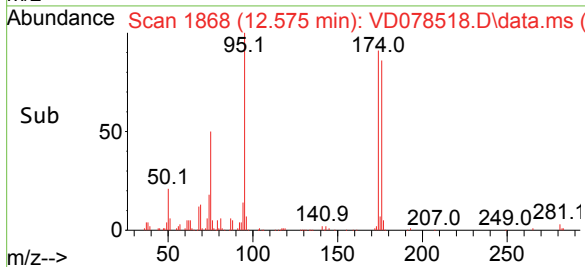
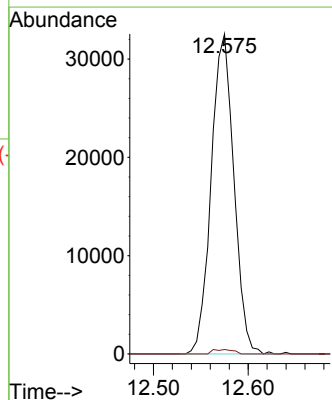
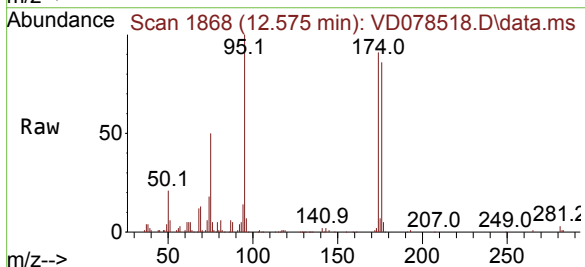
Acq: 22 Feb 2024 15:34

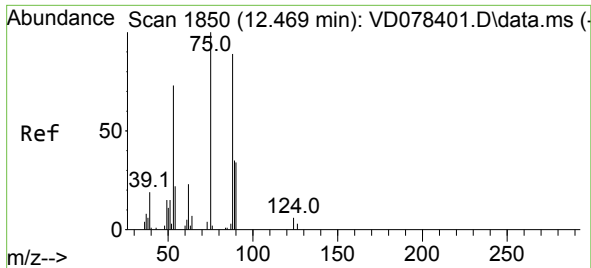
Tgt Ion: 75 Resp: 54118

Ion Ratio Lower Upper

75 100

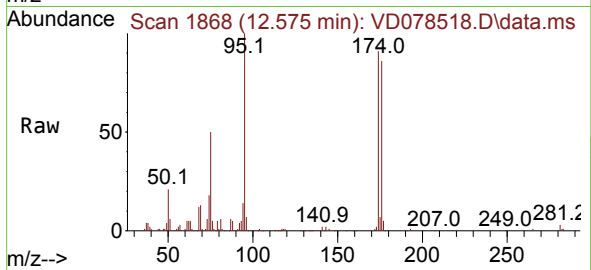
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 105.500 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078518.D
Acq: 22 Feb 2024 15:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	54118
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.0	37.9	56.9#

