

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078981.D
 Acq On : 22 May 2024 15:59
 Operator : RP/MD
 Sample : P2525-03
 Misc : 4.57G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:05:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

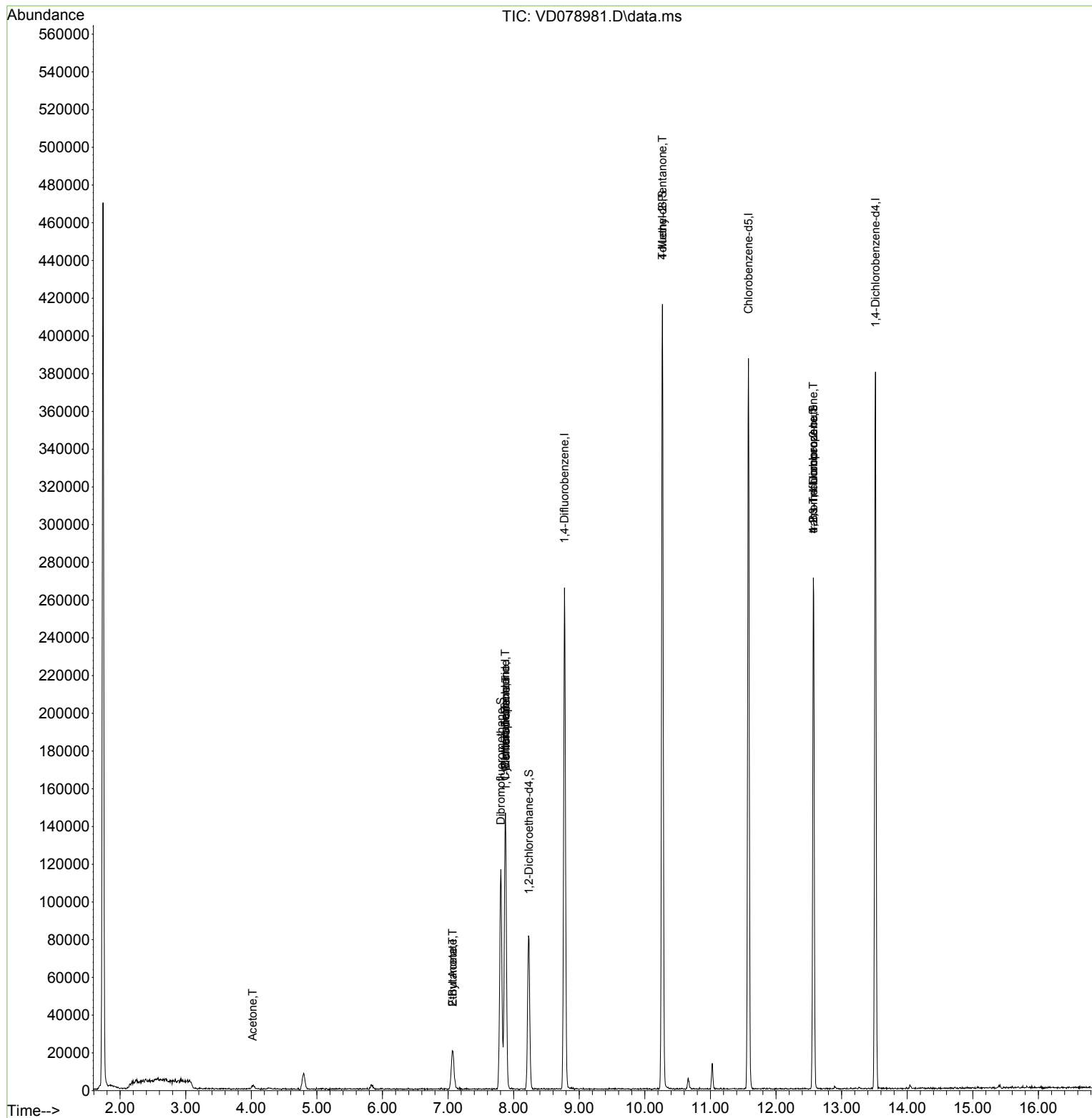
Internal Standards						
1) Pentafluorobenzene	7.875	168	119271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	247794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64054	57.254	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.500%			
35) Dibromofluoromethane	7.804	113	83441	50.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.180%			
50) Toluene-d8	10.269	98	300961	48.670	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.340%			
62) 4-Bromofluorobenzene	12.569	95	82080	47.250	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.500%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	264	Below Cal	#	40
11) Tert butyl alcohol	5.040	59	67	Below Cal	#	86
16) Acetone	4.022	43	3264	18.298	ug/l	98
17) Carbon Disulfide	4.263	76	888	Below Cal	#	76
20) Methylene Chloride	4.787	84	7247	Below Cal	#	84
25) 2-Butanone	7.069	43	730	3.060	ug/l	# 42
31) Cyclohexane	7.869	56	2417	1.479	ug/l	# 48
36) 1,1-Dichloropropene	7.881	75	8920	4.346	ug/l	# 46
37) Ethyl Acetate	7.069	43	730	1.044	ug/l	# 1
38) Carbon Tetrachloride	7.875	117	11766	4.898	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.269	43	964	1.458	ug/l	# 1
76) 1,2,3-Trichloropropane	12.569	75	40920	54.417	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	40920	107.910	ug/l	# 19

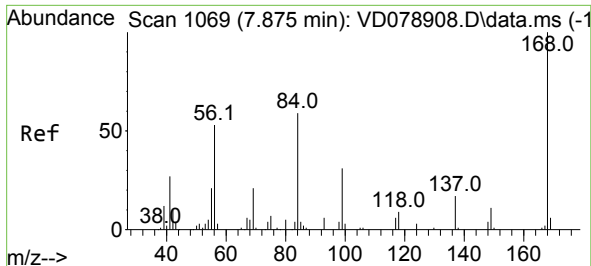
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078981.D
Acq On : 22 May 2024 15:59
Operator : RP/MD
Sample : P2525-03
Misc : 4.57G/5ml/MSVOA_D/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

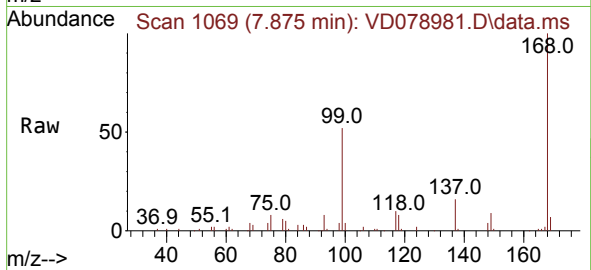
Quant Time: May 23 06:05:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration



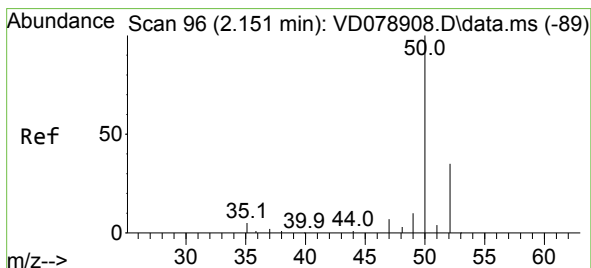
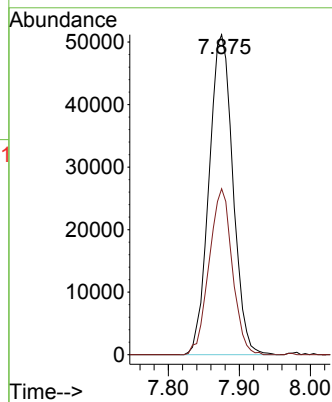
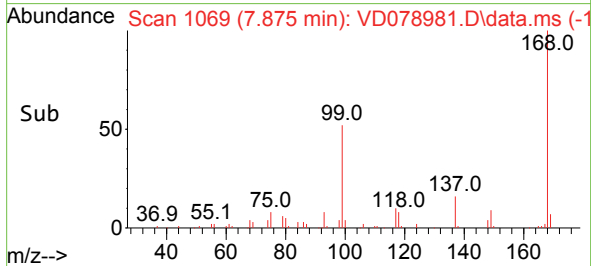


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

Instrument :
MSVOA_D
ClientSampleId :

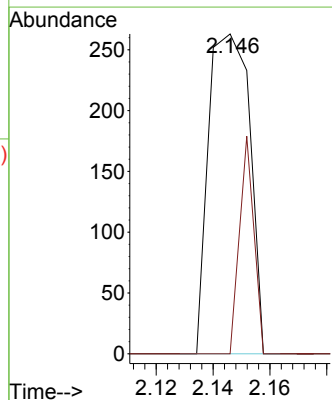
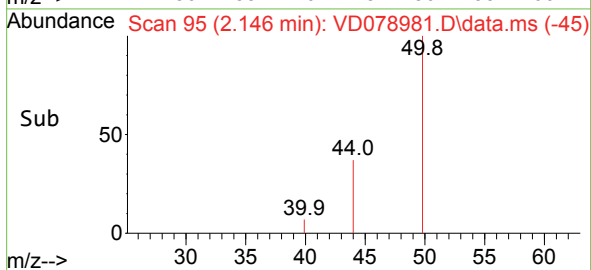
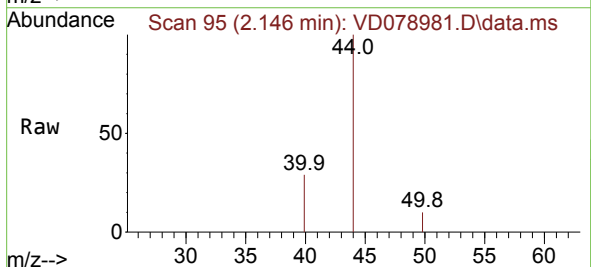


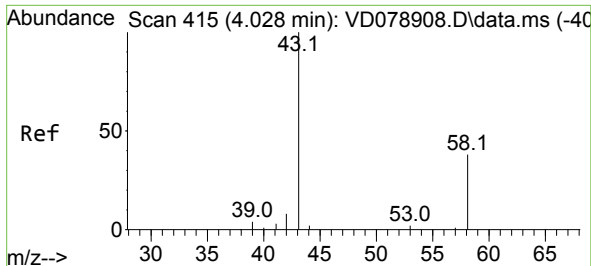
Tgt Ion:168 Resp: 119271
Ion Ratio Lower Upper
168 100
99 51.8 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

Tgt Ion: 50 Resp: 264
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#

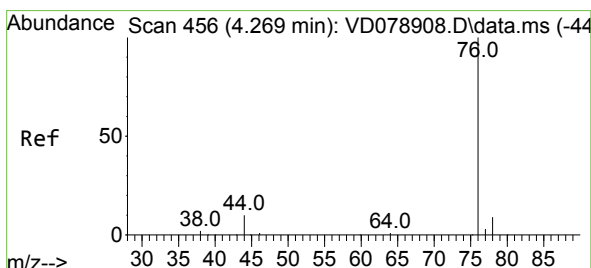
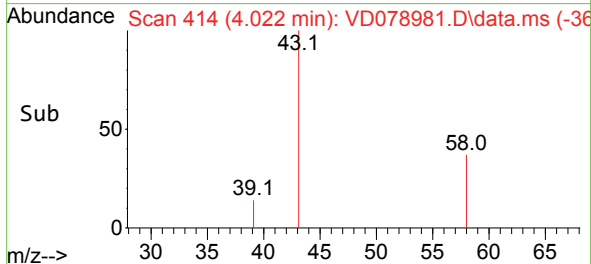
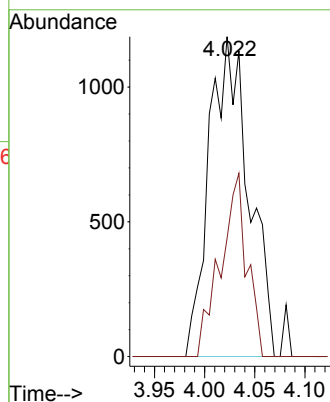
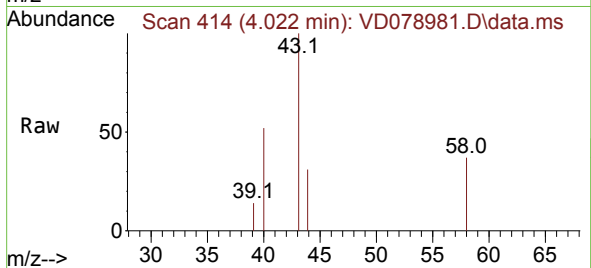




#16
Acetone
Concen: 18.298 ug/l
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

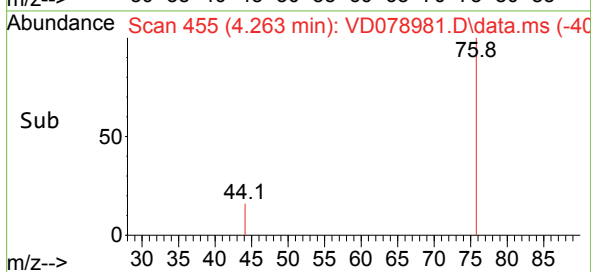
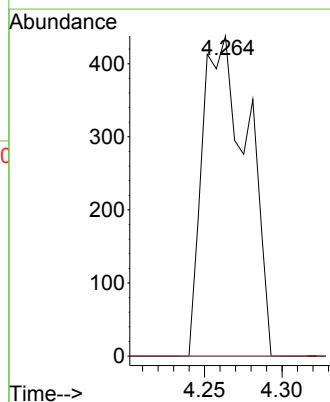
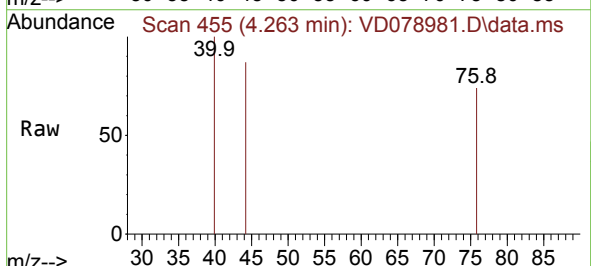
Instrument :
MSVOA_D
ClientSampleId :

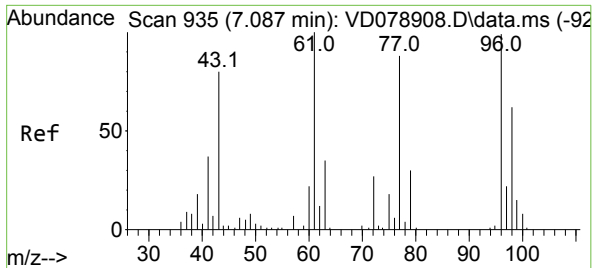
Tgt Ion: 43 Resp: 3264
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

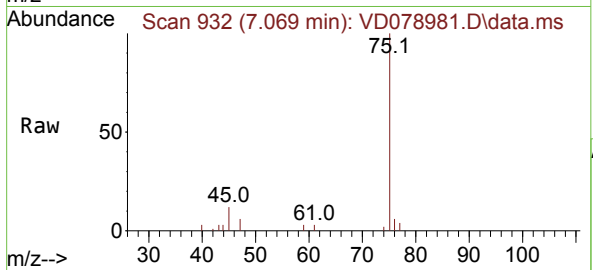
Tgt Ion: 76 Resp: 888
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



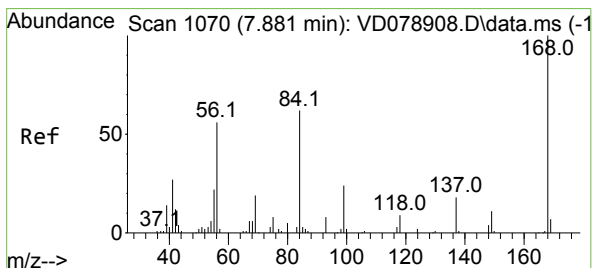
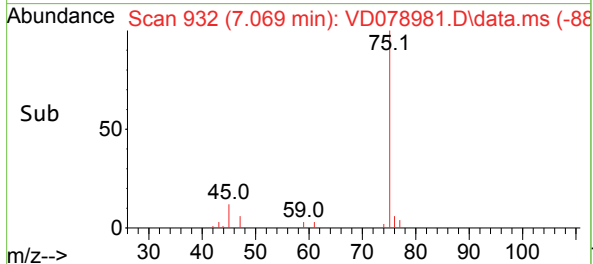
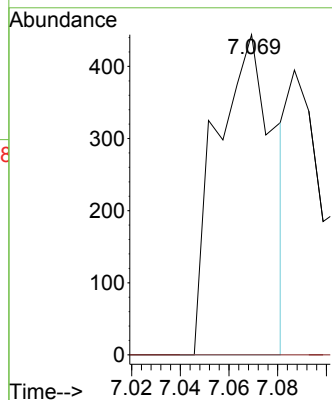


#25
2-Butanone
Concen: 3.060 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.017 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

Instrument :
MSVOA_D
ClientSampleId :

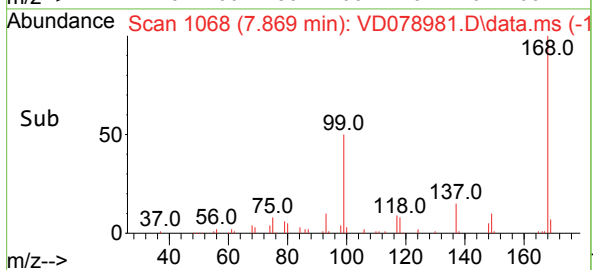
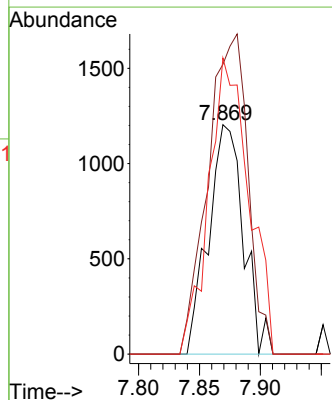
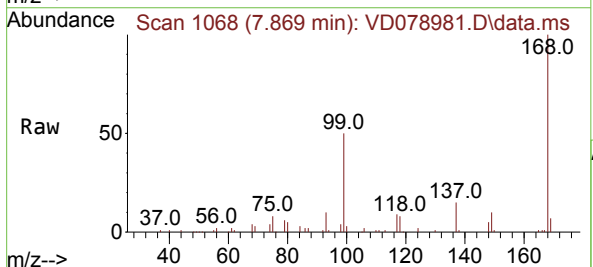


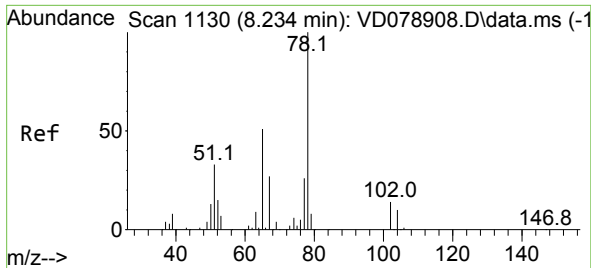
Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.479 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

Tgt Ion: 56 Resp: 2417
Ion Ratio Lower Upper
56 100
69 126.2 28.0 42.0#
84 129.0 87.4 131.0

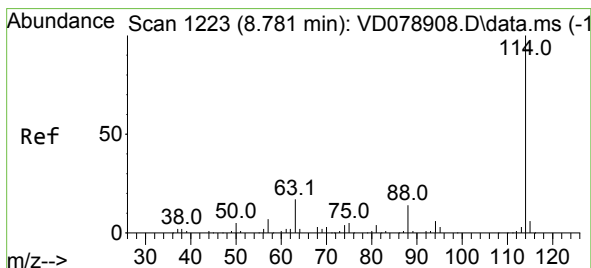
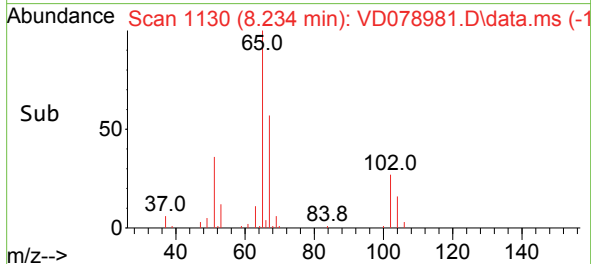
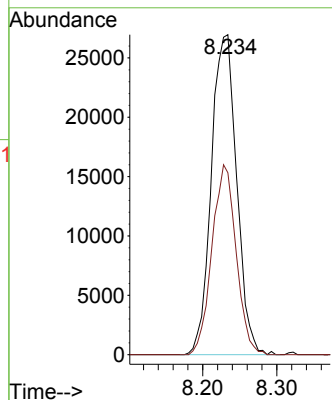
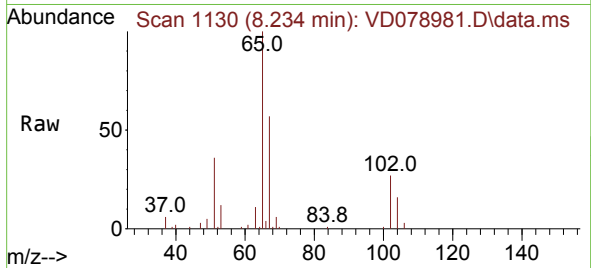




#33
 1,2-Dichloroethane-d4
 Concen: 57.254 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078981.D
 Acq: 22 May 2024 15:59

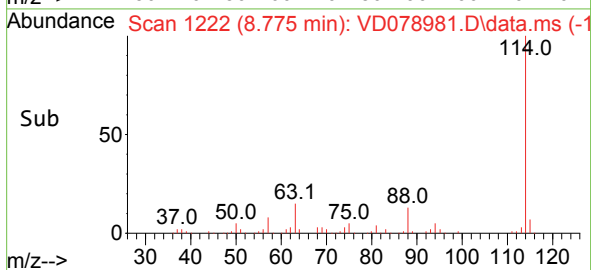
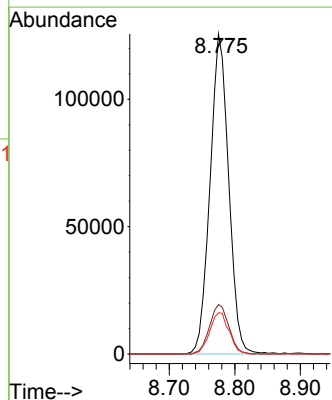
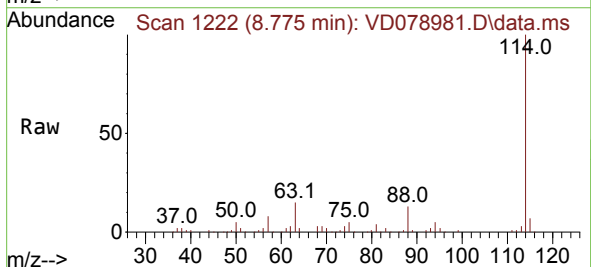
Instrument :
 MSVOA_D
 ClientSampleId :

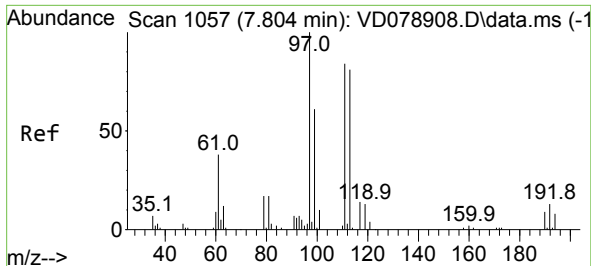
Tgt Ion: 65 Resp: 64054
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD078981.D
 Acq: 22 May 2024 15:59

Tgt Ion: 114 Resp: 247794
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 34.0
 88 12.9 0.0 27.2

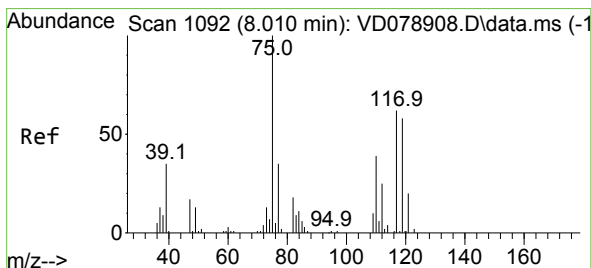
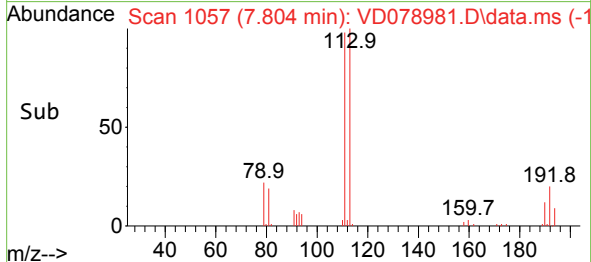
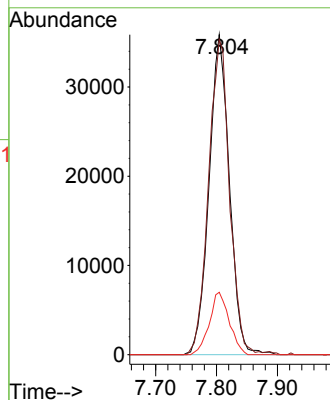
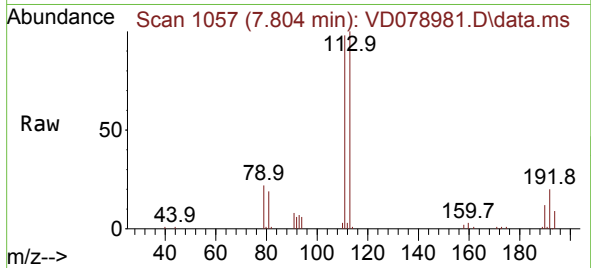




#35
Dibromofluoromethane
Concen: 50.586 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

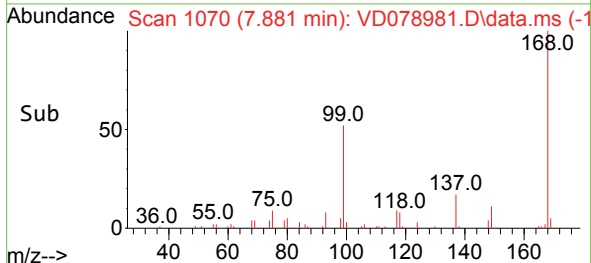
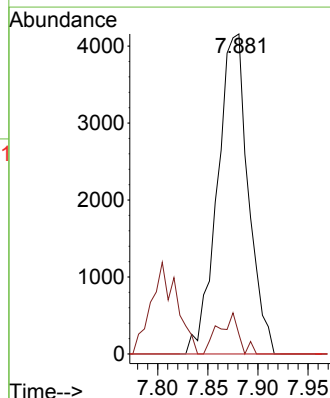
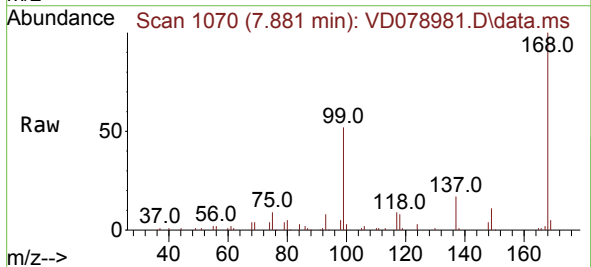
Instrument :
MSVOA_D
ClientSampleId :

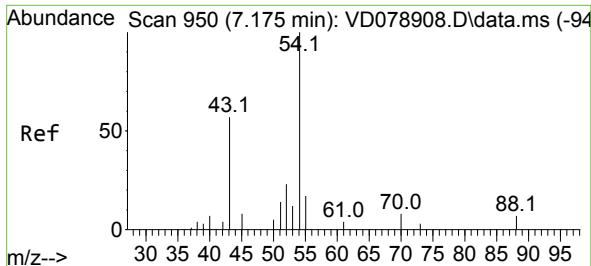
Tgt Ion:113 Resp: 83441
Ion Ratio Lower Upper
113 100
111 101.2 84.0 126.0
192 19.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.346 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

Tgt Ion: 75 Resp: 8920
Ion Ratio Lower Upper
75 100
110 8.4 19.6 58.7#
77 0.0 26.1 39.1#





#37

Ethyl Acetate

Concen: 1.044 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.106 min

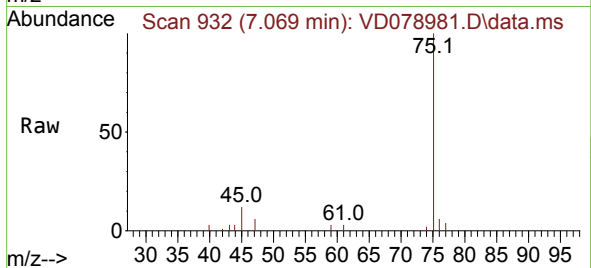
Lab File: VD078981.D

Acq: 22 May 2024 15:59

Instrument :

MSVOA_D

ClientSampleId :



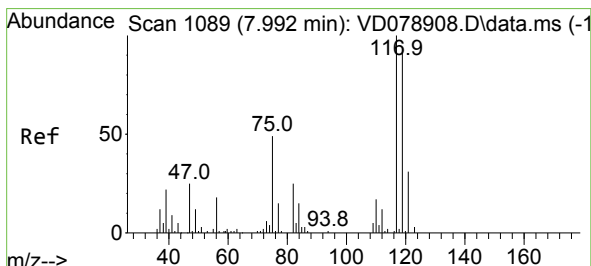
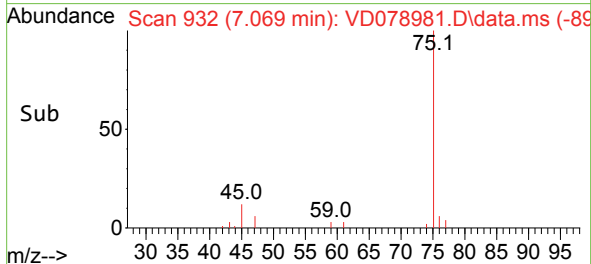
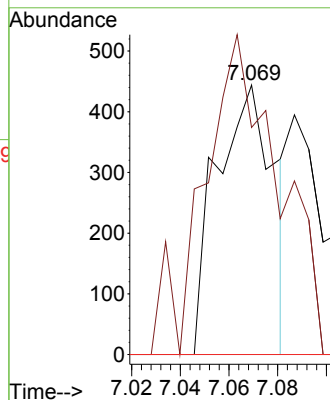
Tgt Ion: 43 Resp: 730

Ion Ratio Lower Upper

43 100

61 154.7 13.9 20.9#

70 0.0 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 4.898 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

Lab File: VD078981.D

Acq: 22 May 2024 15:59

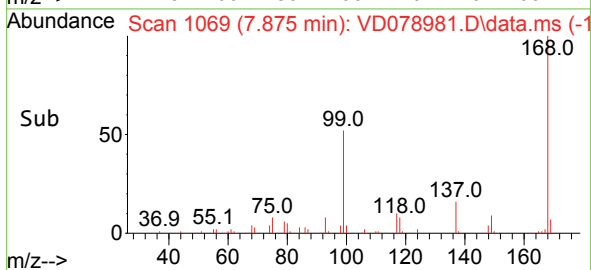
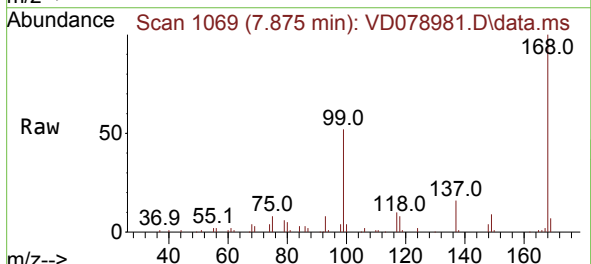
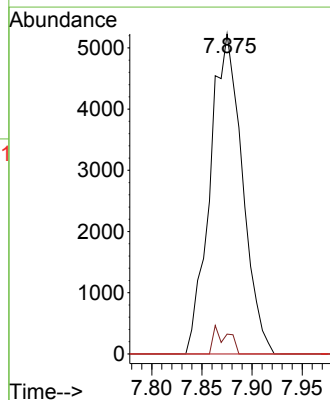
Tgt Ion: 117 Resp: 11766

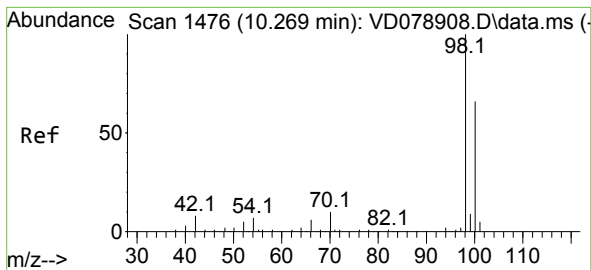
Ion Ratio Lower Upper

117 100

119 6.2 75.4 113.0#

121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 48.670 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078981.D

Acq: 22 May 2024 15:59

Instrument :

MSVOA_D

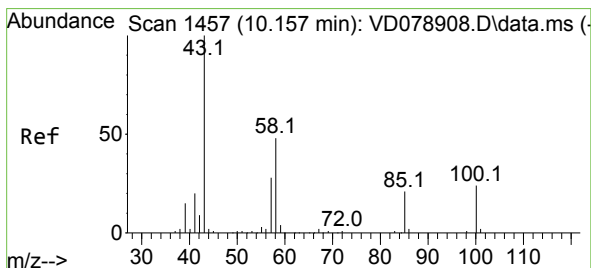
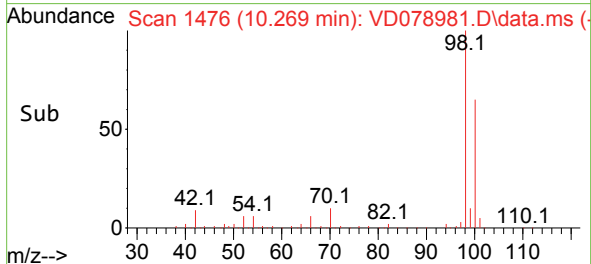
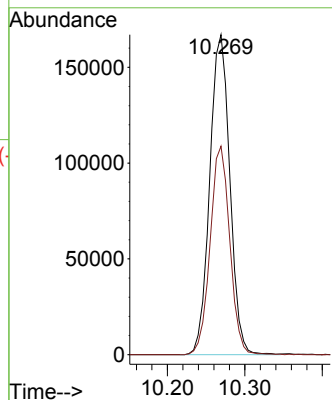
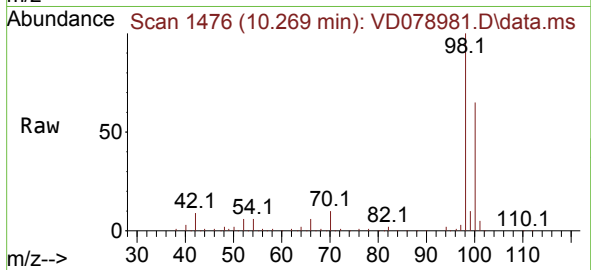
ClientSampleId :

Tgt Ion: 98 Resp: 300961

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.458 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.112 min

Lab File: VD078981.D

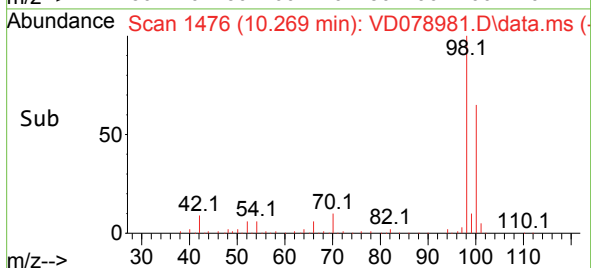
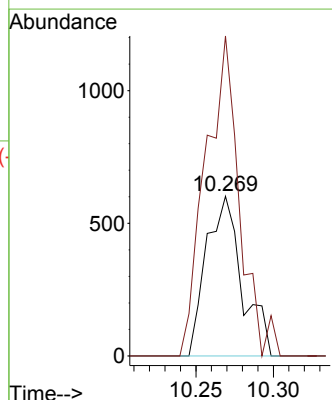
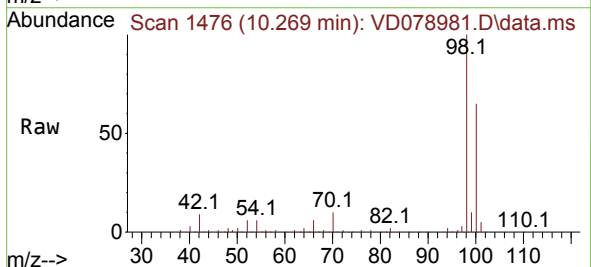
Acq: 22 May 2024 15:59

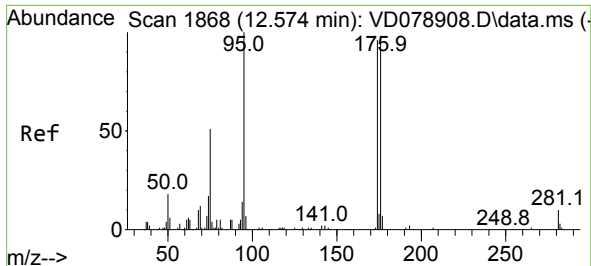
Tgt Ion: 43 Resp: 964

Ion Ratio Lower Upper

43 100

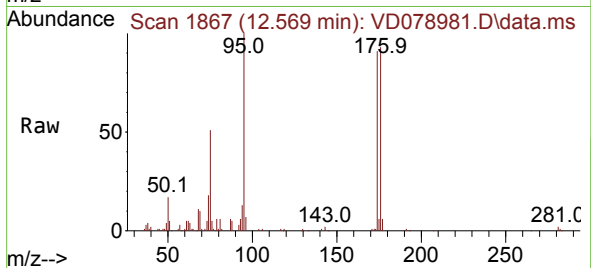
58 189.4 36.6 55.0#



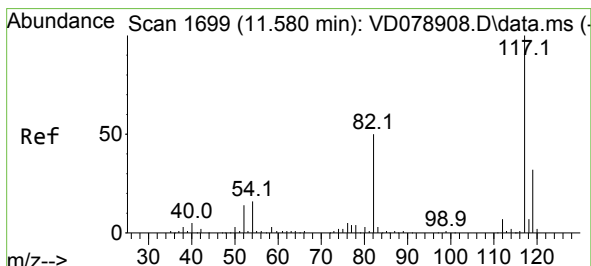
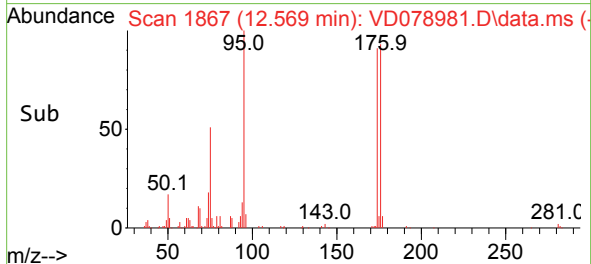
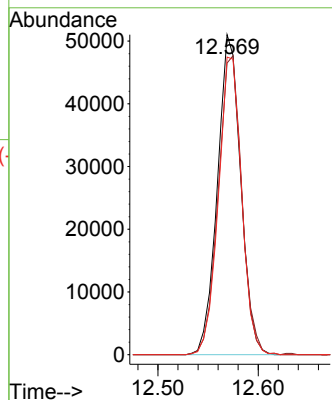


#62
4-Bromofluorobenzene
Concen: 47.250 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

Instrument :
MSVOA_D
ClientSampleId :

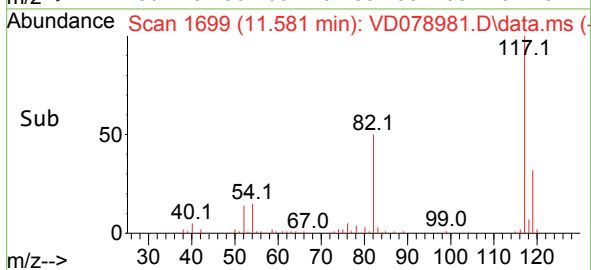
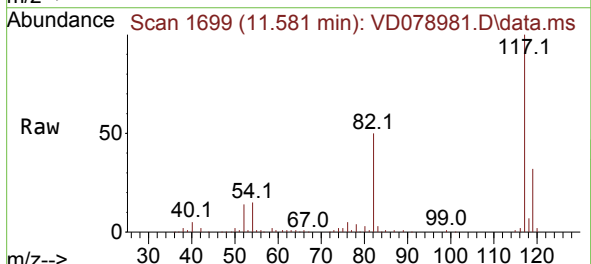
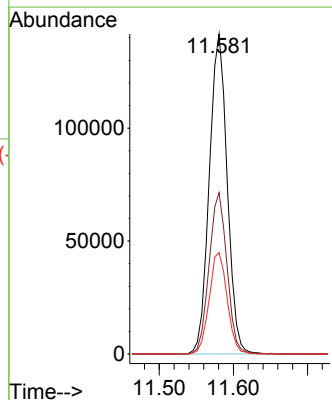


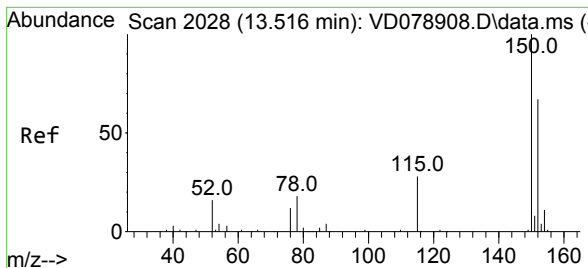
Tgt Ion: 95 Resp: 82080
Ion Ratio Lower Upper
95 100
174 95.0 0.0 195.4
176 92.8 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078981.D
Acq: 22 May 2024 15:59

Tgt Ion: 117 Resp: 237847
Ion Ratio Lower Upper
117 100
82 50.4 39.8 59.6
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078981.D

Acq: 22 May 2024 15:59

Instrument :

MSVOA_D

ClientSampleId :

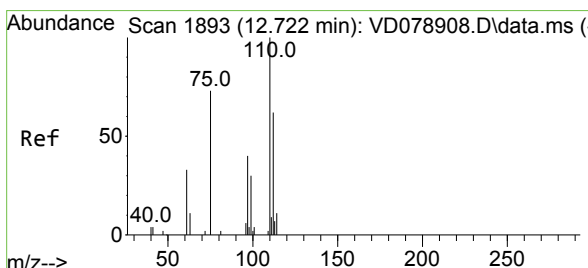
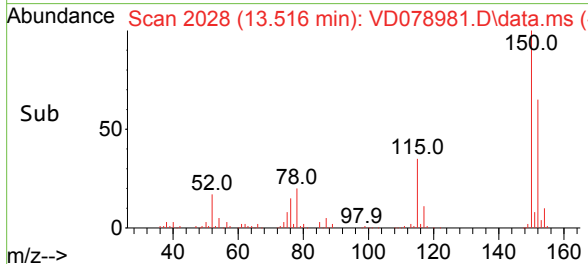
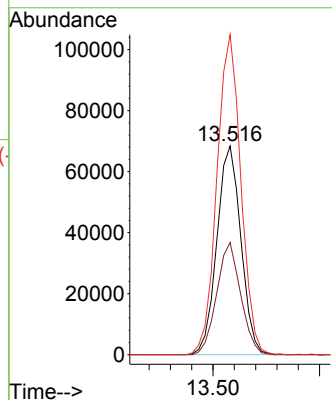
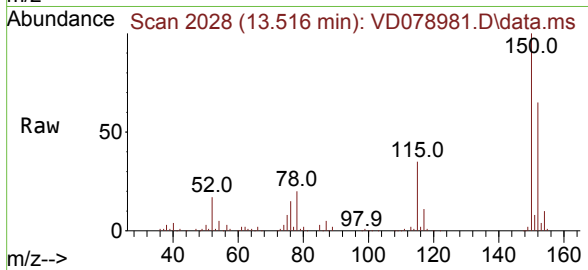
Tgt Ion:152 Resp: 106814

Ion Ratio Lower Upper

152 100

115 53.6 26.5 79.5

150 153.0 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 54.417 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078981.D

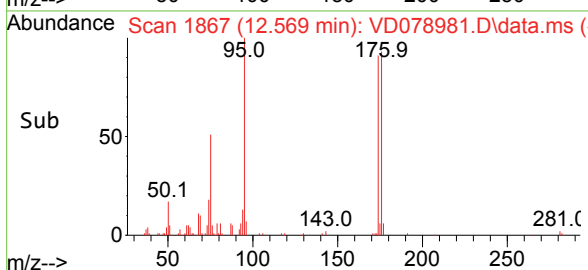
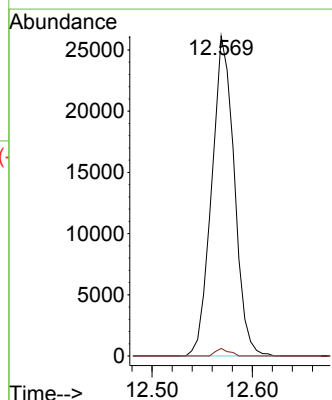
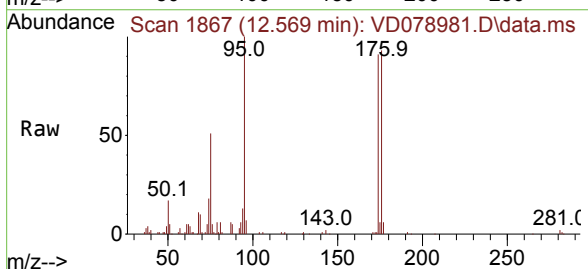
Acq: 22 May 2024 15:59

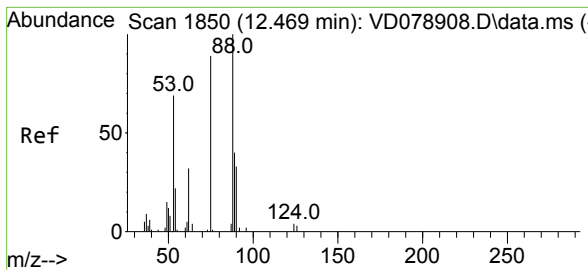
Tgt Ion: 75 Resp: 40920

Ion Ratio Lower Upper

75 100

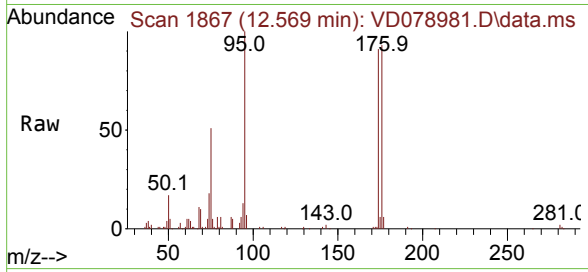
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.910 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078981.D
 Acq: 22 May 2024 15:59

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	40920
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

