

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078944.D
 Acq On : 16 May 2024 13:39
 Operator : RP/MD
 Sample : P2490-01
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

Quant Time: May 17 06:09:38 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)

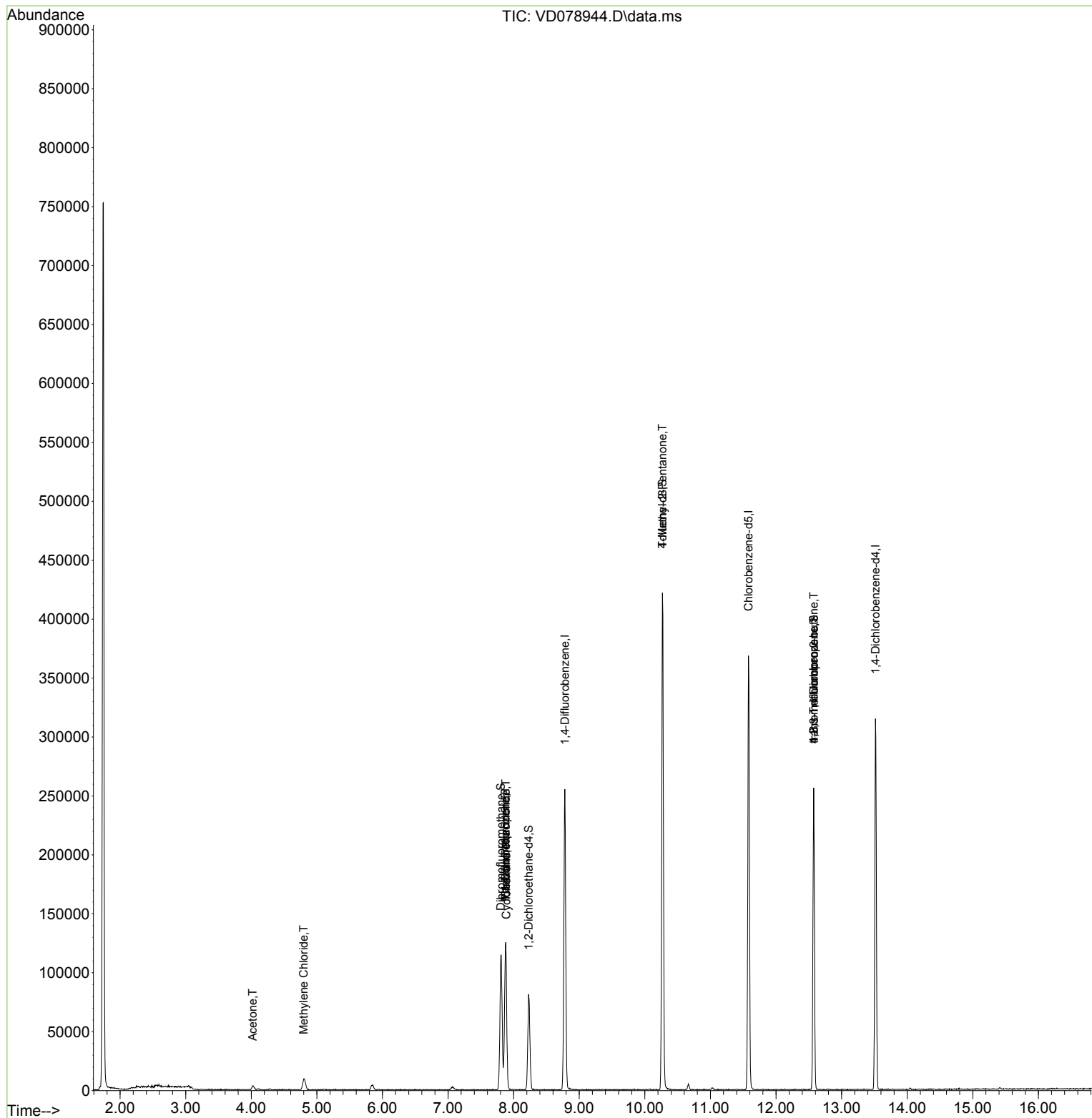
Internal Standards						
1) Pentafluorobenzene	7.875	168	100465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	236710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63475	67.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.720%
35) Dibromofluoromethane	7.804	113	82789	52.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.269	98	299986	50.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.575	95	75174	45.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	66	Below Cal	#	40
5) Bromomethane	2.734	94	70	Below Cal	#	1
16) Acetone	4.022	43	5451	36.278	ug/l	99
17) Carbon Disulfide	4.269	76	982	Below Cal	#	76
20) Methylene Chloride	4.799	84	9107	2.011	ug/l	92
31) Cyclohexane	7.887	56	2060	1.496	ug/l	# 51
36) 1,1-Dichloropropene	7.875	75	7503	3.826	ug/l	# 45
38) Carbon Tetrachloride	7.881	117	9619	4.192	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.269	43	1105	1.750	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	38545	60.281	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	38545	119.538	ug/l	# 19

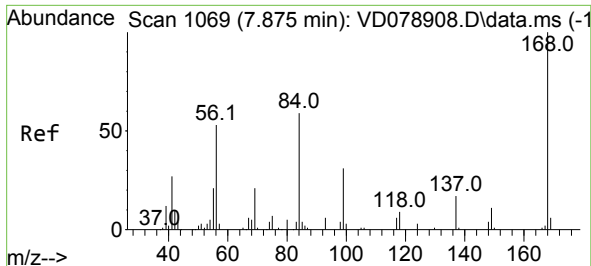
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

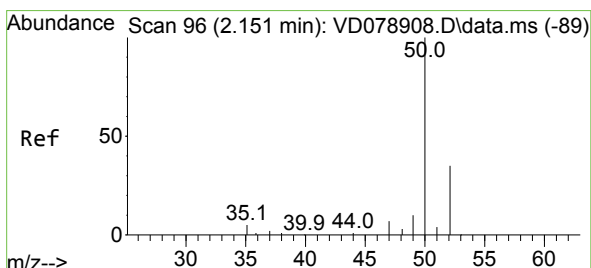
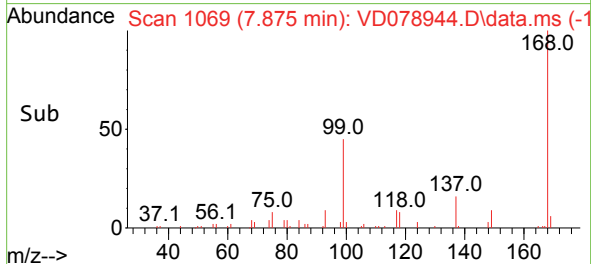
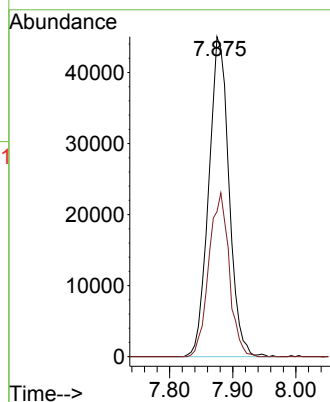
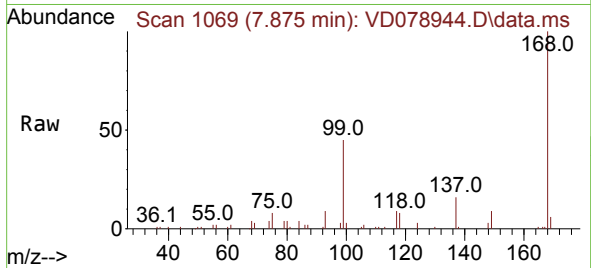




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

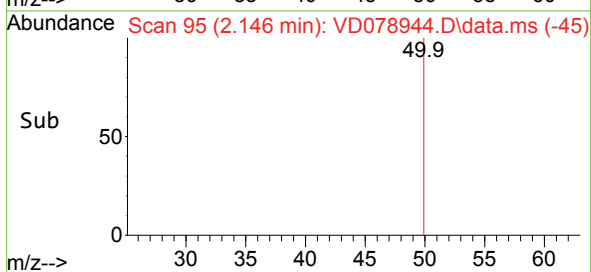
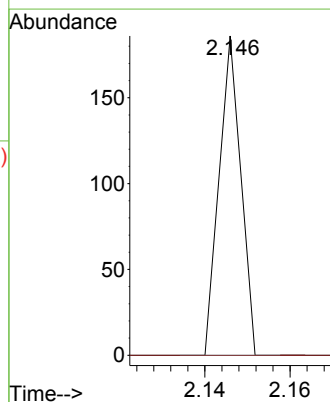
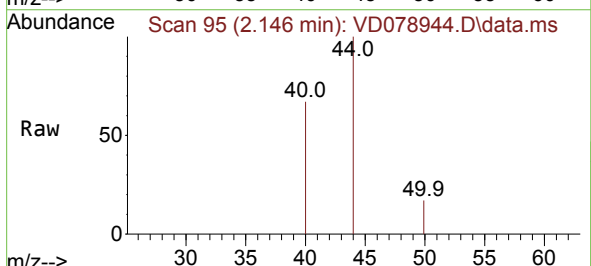
Instrument :
MSVOA_D
ClientSampleId :
72-11978

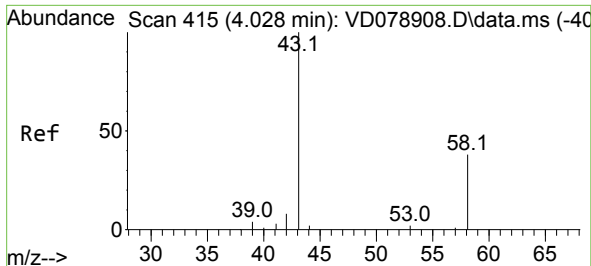
Tgt Ion:168 Resp: 100465
Ion Ratio Lower Upper
168 100
99 45.4 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Tgt Ion: 50 Resp: 66
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#





#16

Acetone

Concen: 36.278 ug/l

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078944.D

Acq: 16 May 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

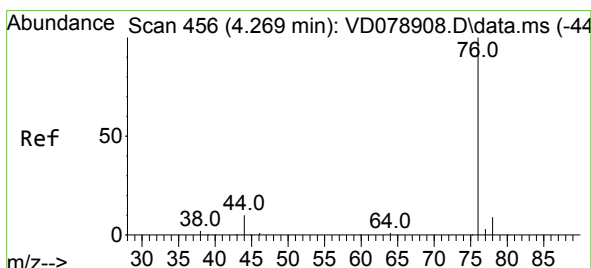
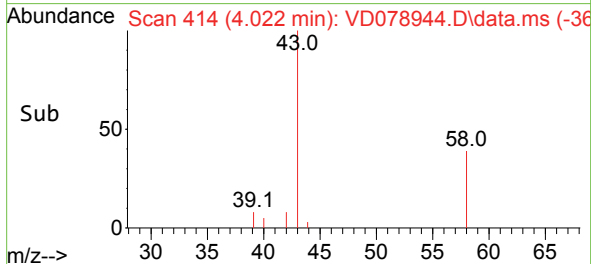
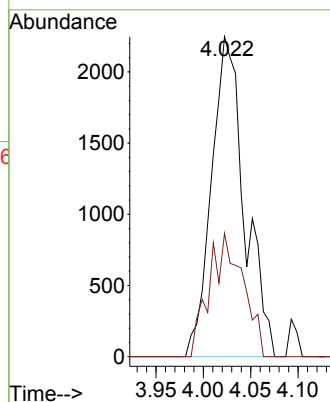
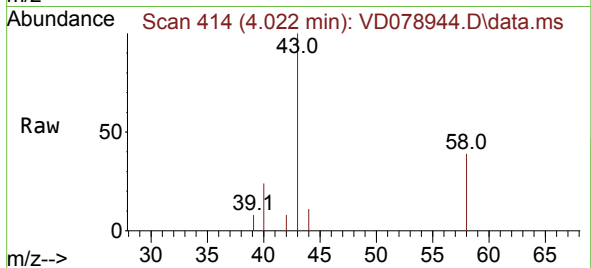
72-11978

Tgt Ion: 43 Resp: 5451

Ion Ratio Lower Upper

43 100

58 38.6 30.4 45.6



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD078944.D

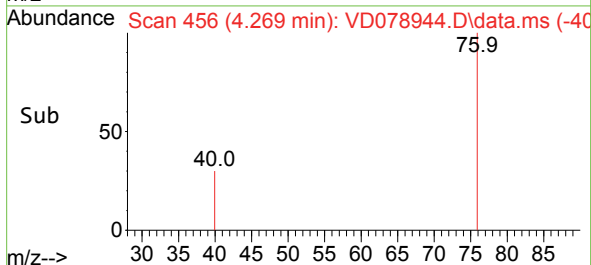
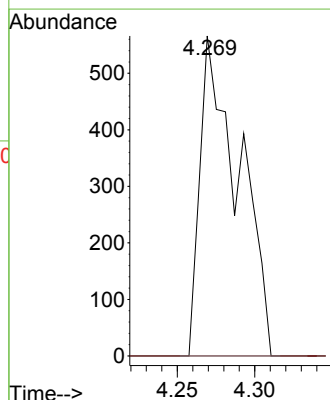
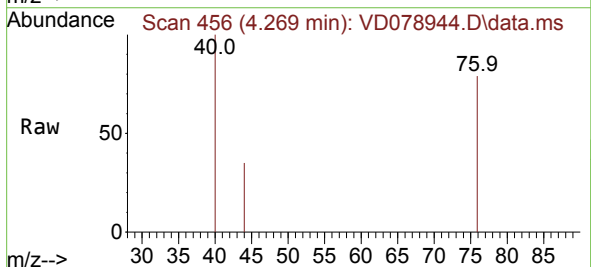
Acq: 16 May 2024 13:39

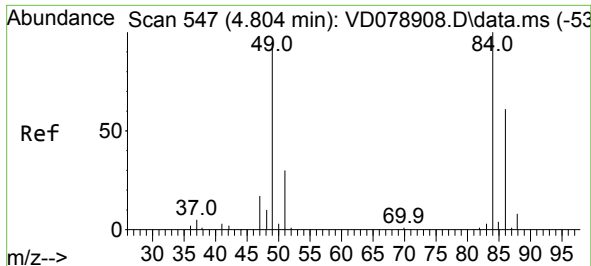
Tgt Ion: 76 Resp: 982

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#



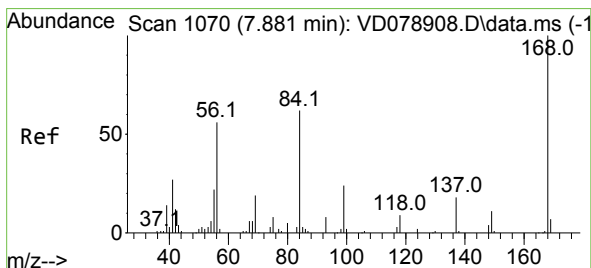
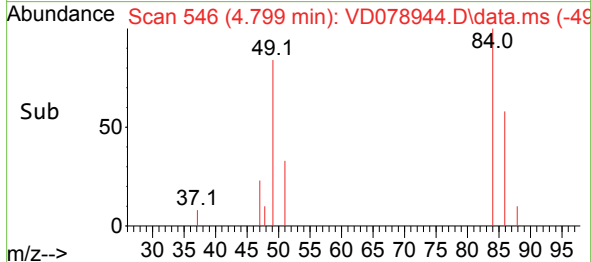
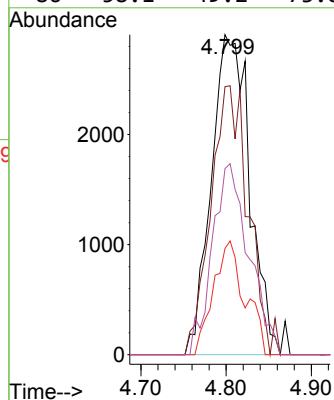
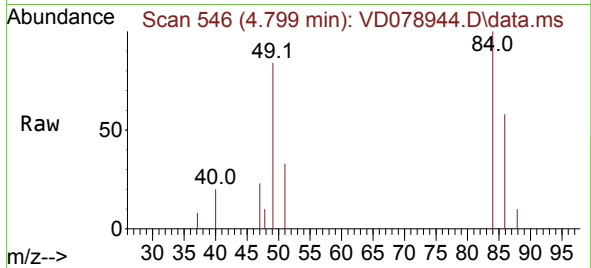


#20
Methylene Chloride
Concen: 2.011 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Instrument :
MSVOA_D
ClientSampleId :
72-11978

Tgt Ion: 84 Resp: 9107

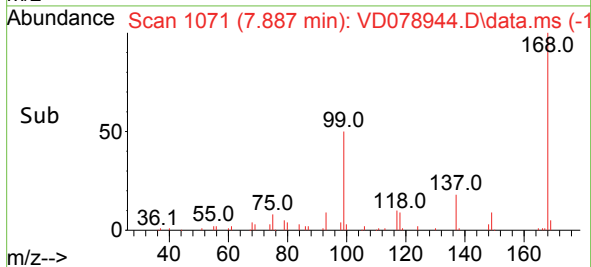
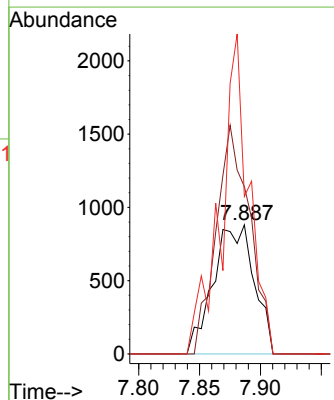
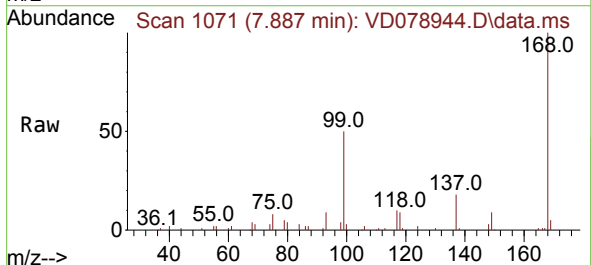
Ion	Ratio	Lower	Upper
84	100		
49	83.7	75.6	113.4
51	33.2	24.2	36.2
86	58.1	49.2	73.8

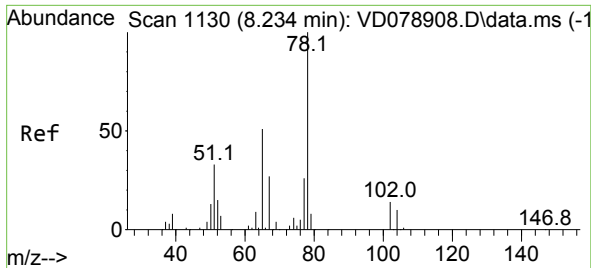


#31
Cyclohexane
Concen: 1.496 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Tgt Ion: 56 Resp: 2060

Ion	Ratio	Lower	Upper
56	100		
69	129.6	28.0	42.0#
84	121.9	87.4	131.0





#33

1,2-Dichloroethane-d4

Concen: 67.357 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078944.D

Acq: 16 May 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

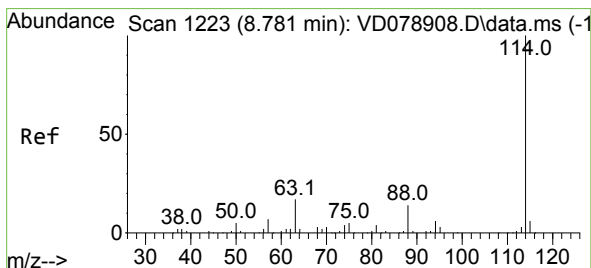
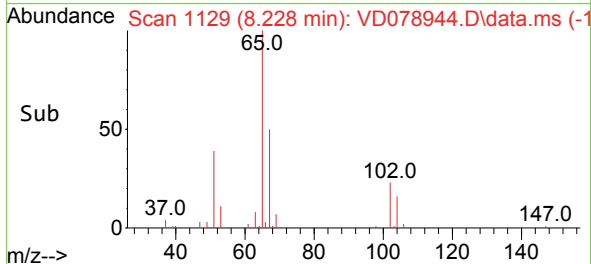
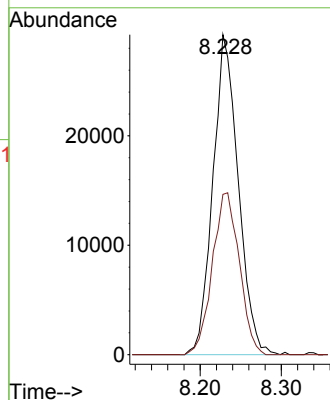
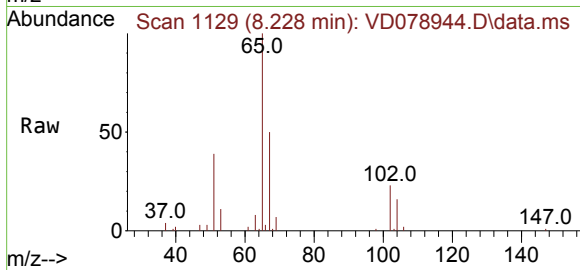
72-11978

Tgt Ion: 65 Resp: 63475

Ion Ratio Lower Upper

65 100

67 53.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078944.D

Acq: 16 May 2024 13:39

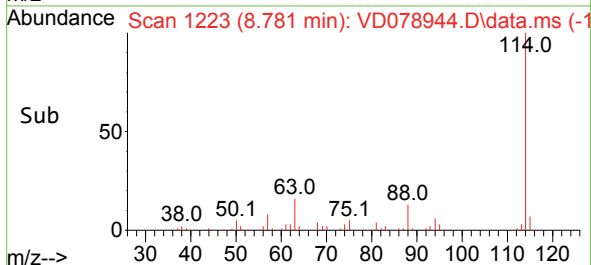
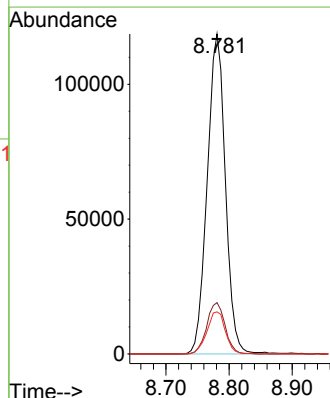
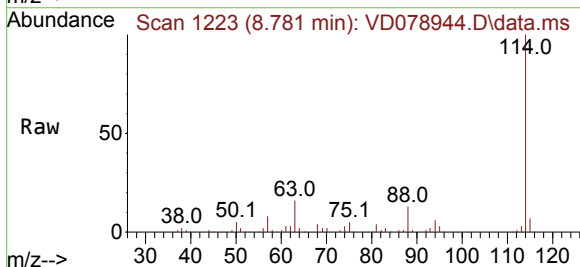
Tgt Ion: 114 Resp: 236710

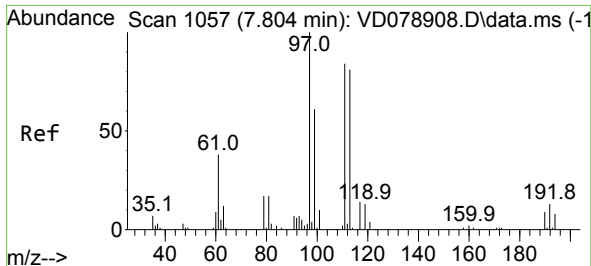
Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.0

88 13.2 0.0 27.2

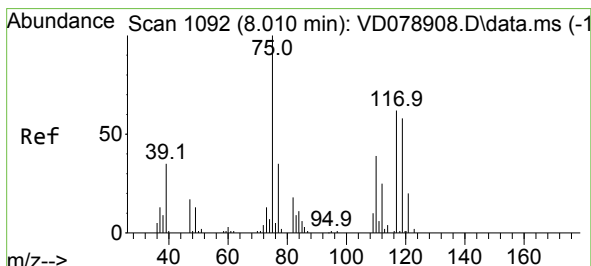
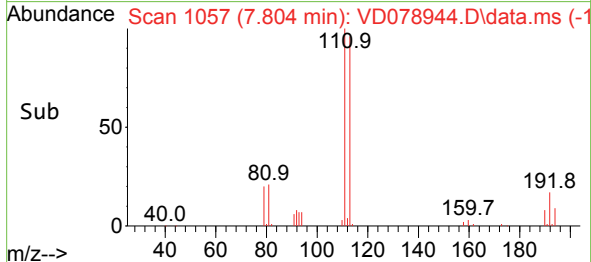
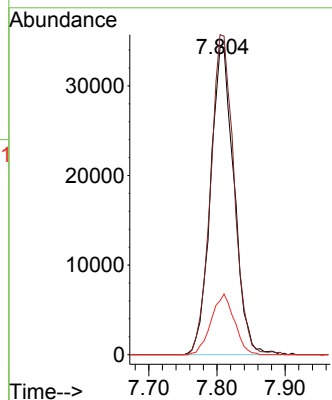
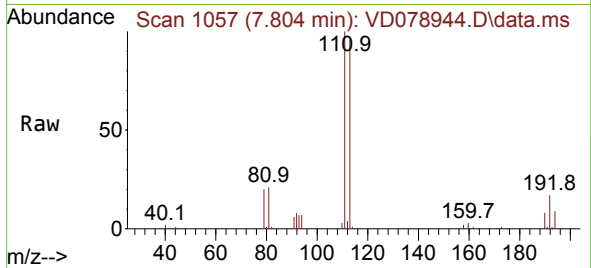




#35
Dibromofluoromethane
Concen: 52.541 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

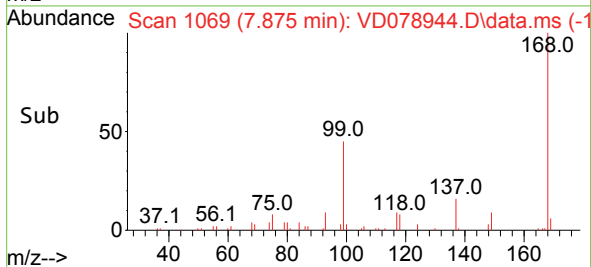
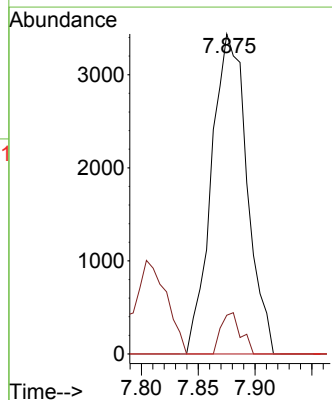
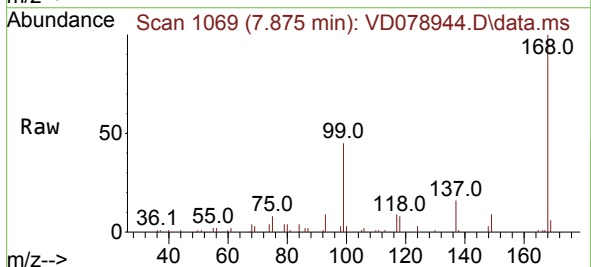
Instrument :
MSVOA_D
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72-11978

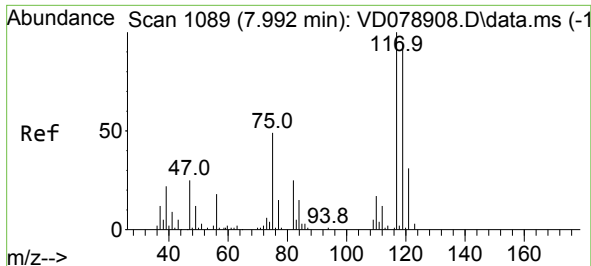
Tgt Ion:113 Resp: 82789
Ion Ratio Lower Upper
113 100
111 103.3 84.0 126.0
192 19.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.826 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

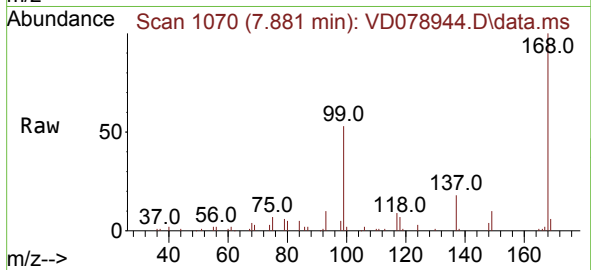
Tgt Ion: 75 Resp: 7503
Ion Ratio Lower Upper
75 100
110 7.2 19.6 58.7#
77 0.0 26.1 39.1#



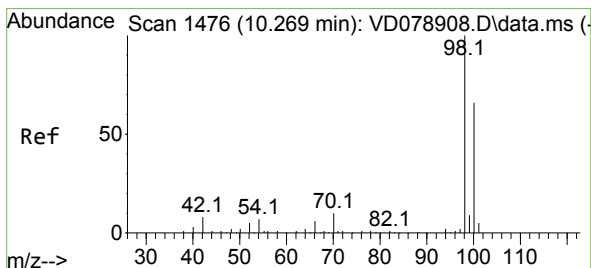
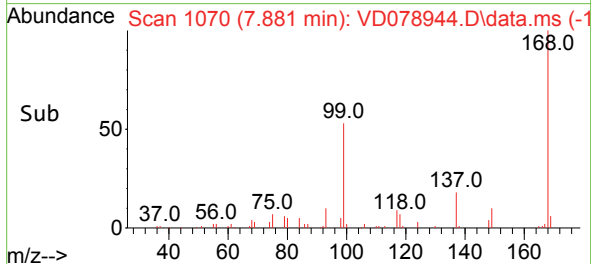
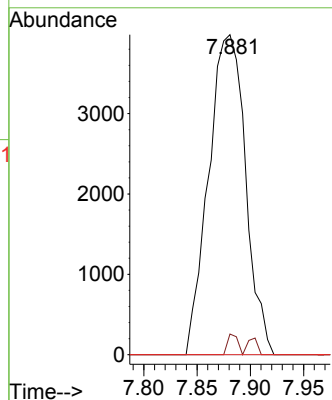


#38
Carbon Tetrachloride
Concen: 4.192 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.111 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Instrument :
MSVOA_D
ClientSampleId :
72-11978

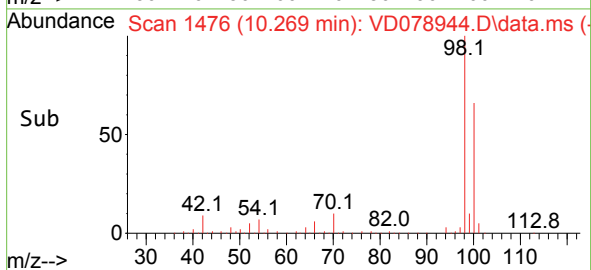
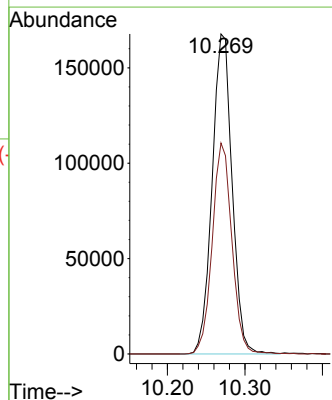
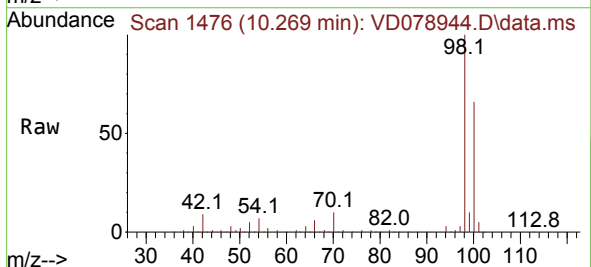


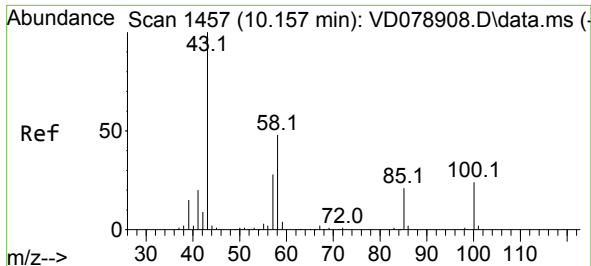
Tgt Ion:117 Resp: 9619
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.784 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Tgt Ion: 98 Resp: 299986
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4

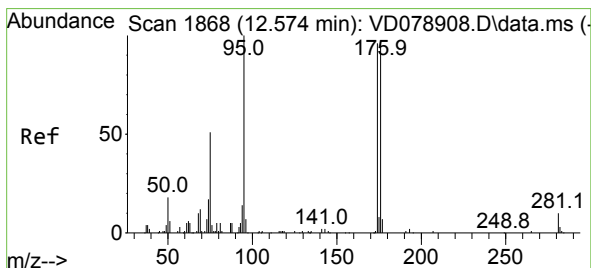
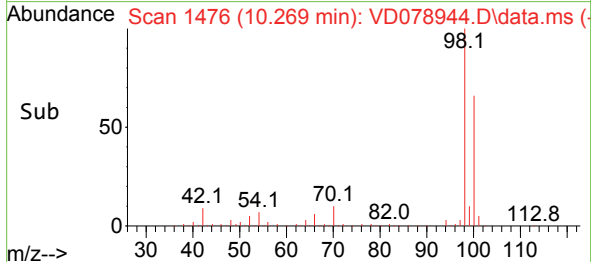
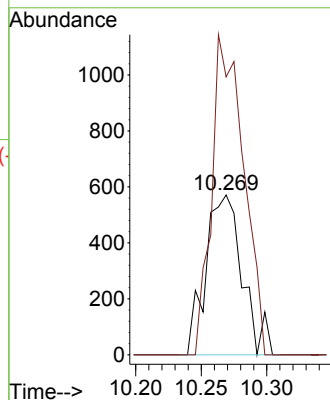
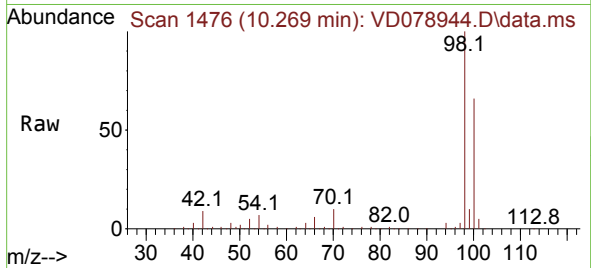




#51
4-Methyl-2-Pentanone
Concen: 1.750 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

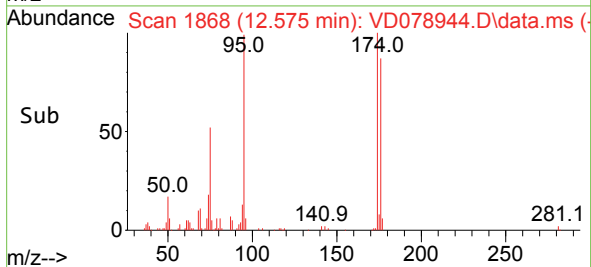
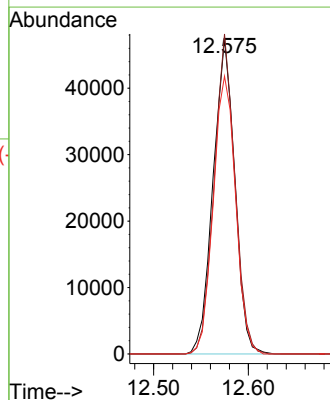
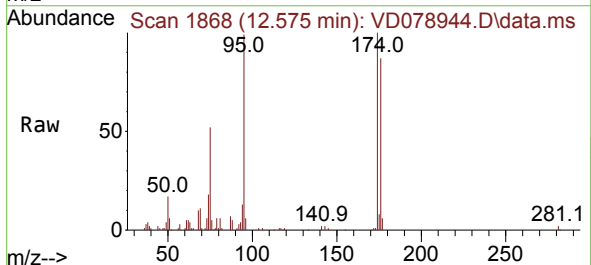
Instrument :
MSVOA_D
ClientSampleId :
72-11978

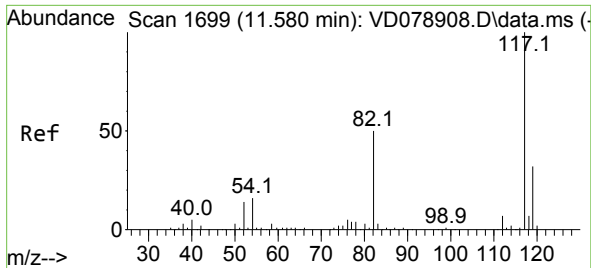
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 174.8 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 45.301 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Tgt Ion: 95 Resp: 75174
Ion Ratio Lower Upper
95 100
174 98.0 0.0 195.4
176 91.1 0.0 192.6

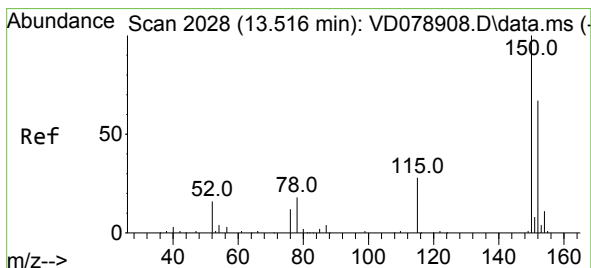
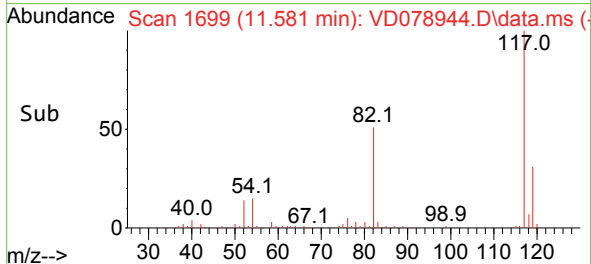
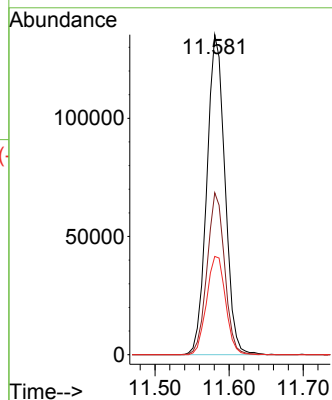
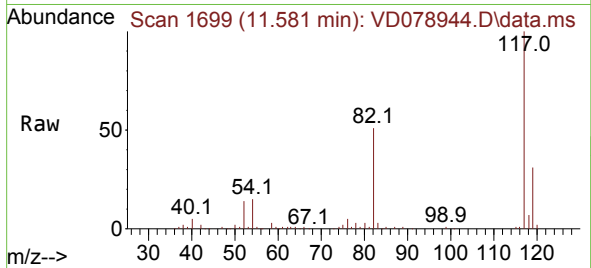




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

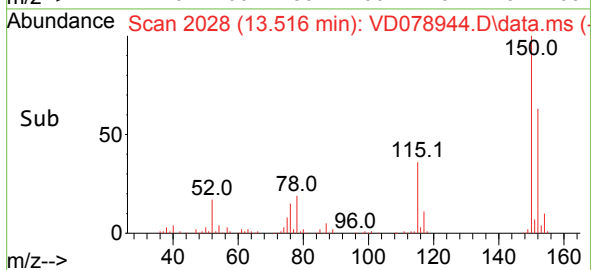
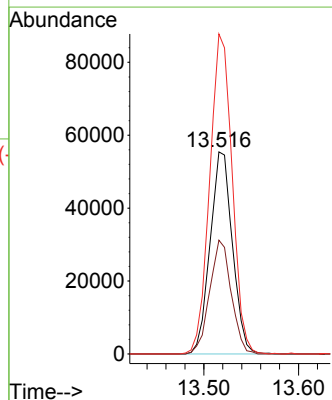
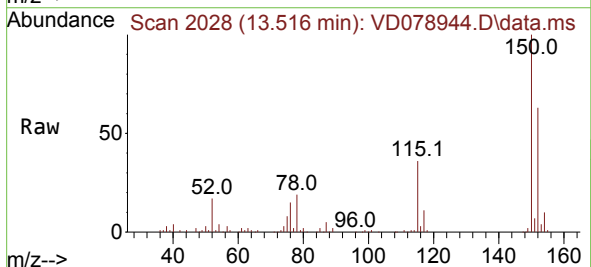
Instrument :
MSVOA_D
ClientSampleId :
72-11978

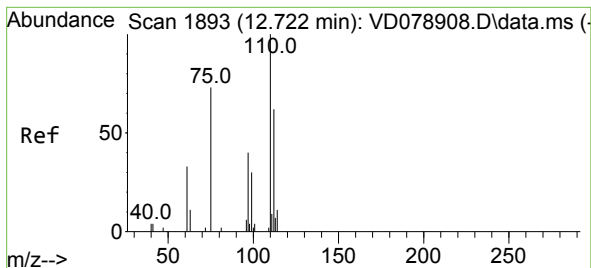
Tgt Ion:117 Resp: 229707
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 30.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078944.D
Acq: 16 May 2024 13:39

Tgt Ion:152 Resp: 90827
Ion Ratio Lower Upper
152 100
115 54.3 26.5 79.5
150 158.8 0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 60.281 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078944.D

Acq: 16 May 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

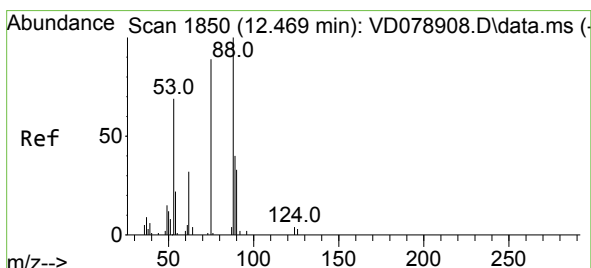
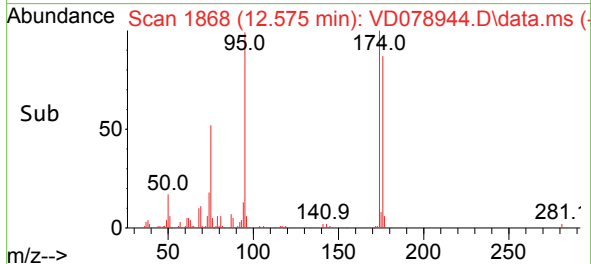
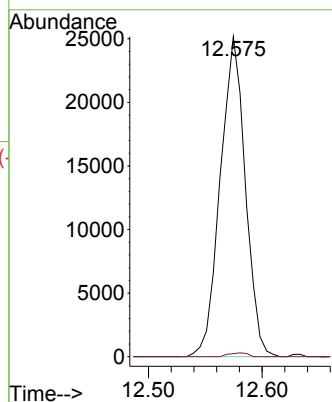
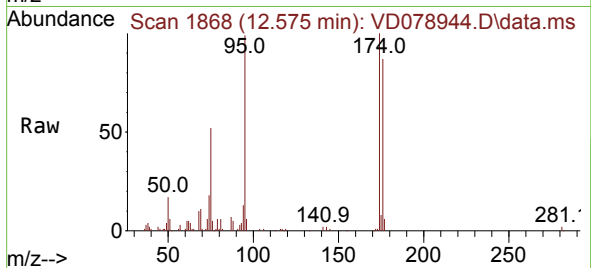
72-11978

Tgt Ion: 75 Resp: 38545

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.538 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD078944.D

Acq: 16 May 2024 13:39

Tgt Ion: 75 Resp: 38545

Ion Ratio Lower Upper

75 100

53 0.0 61.4 92.2#

89 0.0 35.4 53.0#

