

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078950.D
 Acq On : 16 May 2024 17:16
 Operator : RP/MD
 Sample : P2498-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-051524

Quant Time: May 17 06:11:48 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)

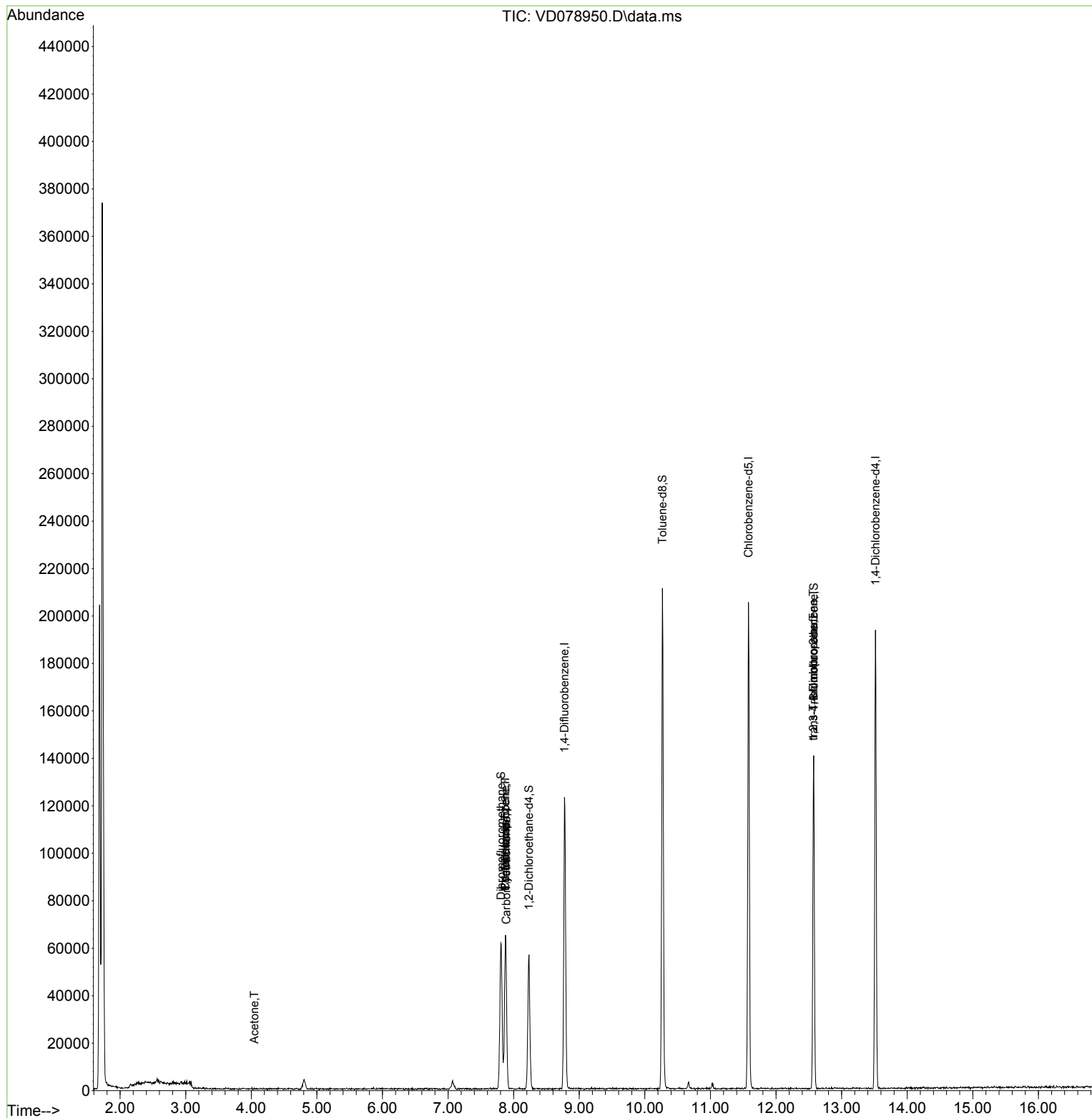
Internal Standards						
1) Pentafluorobenzene	7.875	168	51886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	113662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	41879	86.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.100%#	
35) Dibromofluoromethane	7.810	113	46076	60.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.800%	
50) Toluene-d8	10.269	98	146392	51.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.575	95	42335	53.130	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.046	43	85	1.095	ug/l #	37
17) Carbon Disulfide	4.258	76	64	Below Cal	#	76
20) Methylene Chloride	4.799	84	3201	Below Cal	#	81
31) Cyclohexane	7.875	56	798	1.122	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	3971	4.218	ug/l #	40
38) Carbon Tetrachloride	7.887	117	5234	4.750	ug/l #	13
76) 1,2,3-Trichloropropane	12.569	75	21529	53.510	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	21529	106.111	ug/l #	19

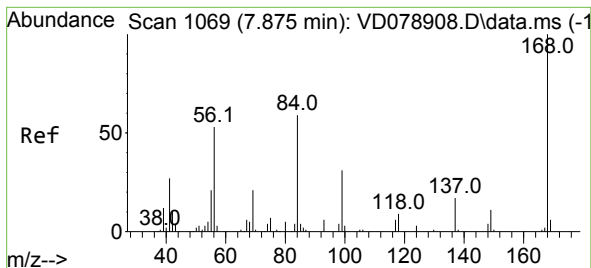
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
Data File : VD078950.D
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ClientSampleId :
OK-01-051524

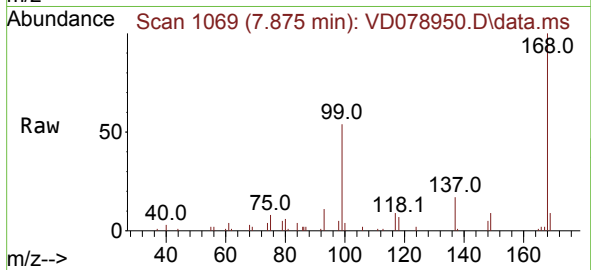
Quant Time: May 17 06:11:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration



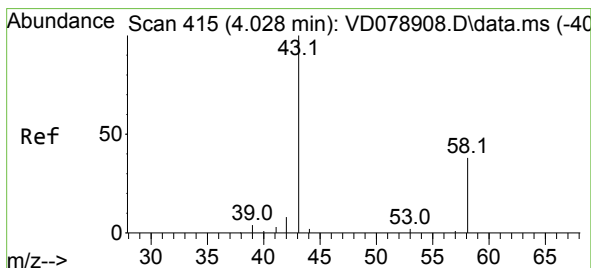
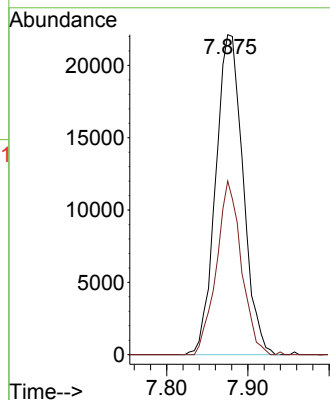
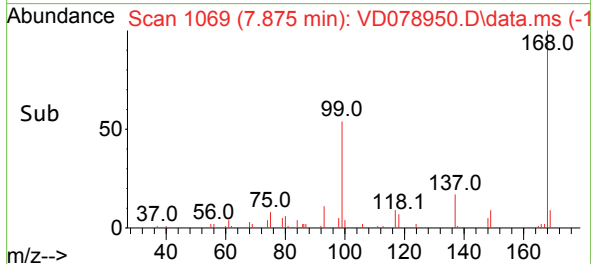


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

Instrument :
MSVOA_D
ClientSampleId :
OK-01-051524

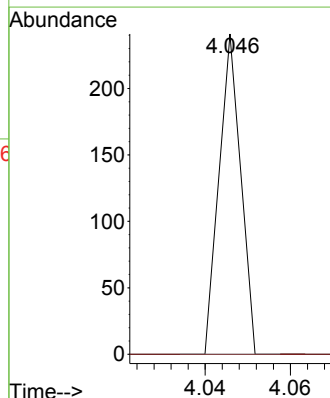
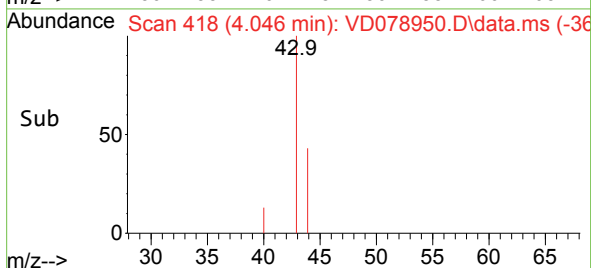
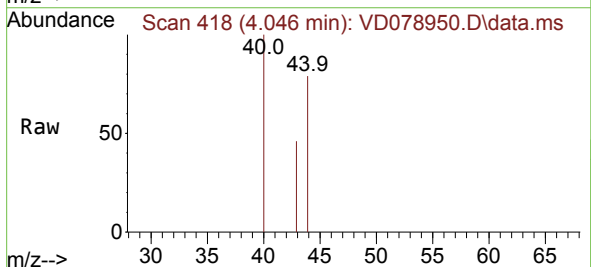


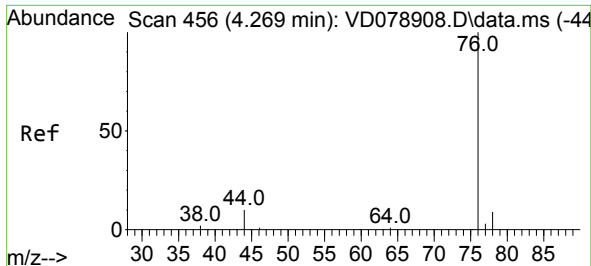
Tgt Ion:168 Resp: 51886
Ion Ratio Lower Upper
168 100
99 54.3 41.1 61.7



#16
Acetone
Concen: 1.095 ug/l
RT: 4.046 min Scan# 418
Delta R.T. 0.018 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

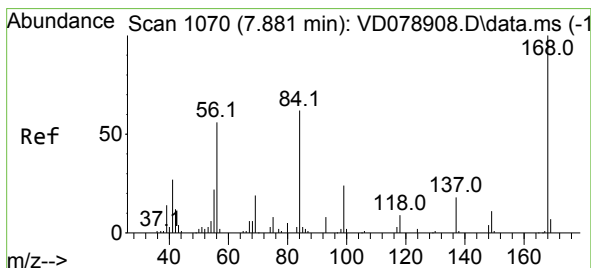
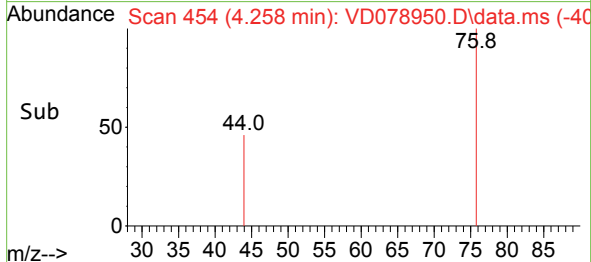
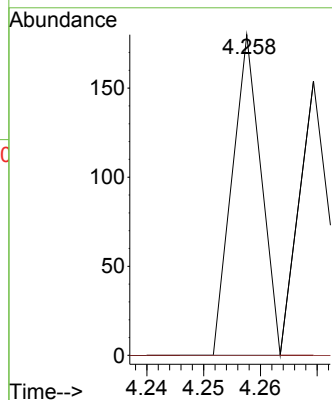
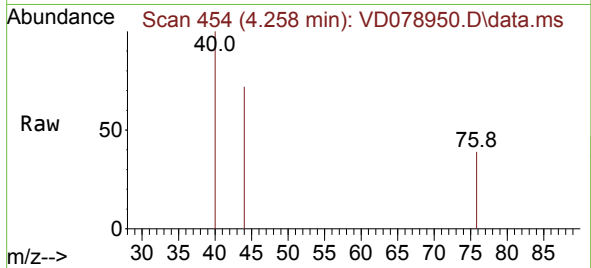




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

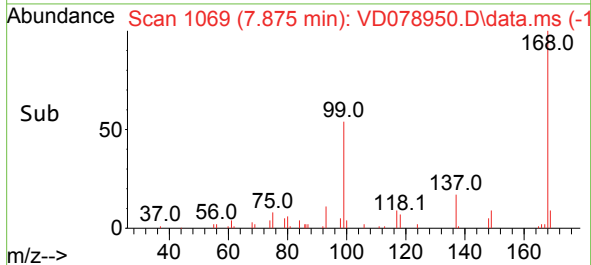
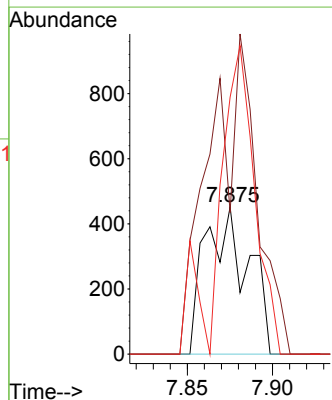
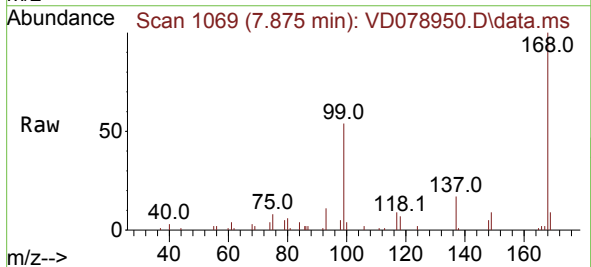
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051524

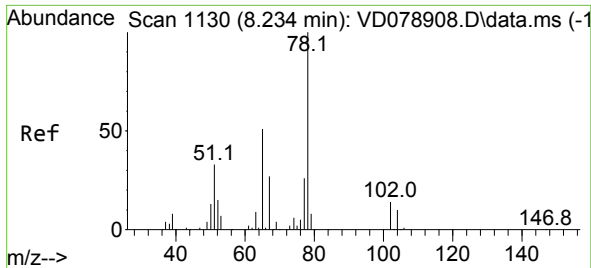
Tgt Ion: 76 Resp: 64
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

Tgt Ion: 56 Resp: 798
Ion Ratio Lower Upper
56 100
69 96.2 28.0 42.0#
84 174.6 87.4 131.0#

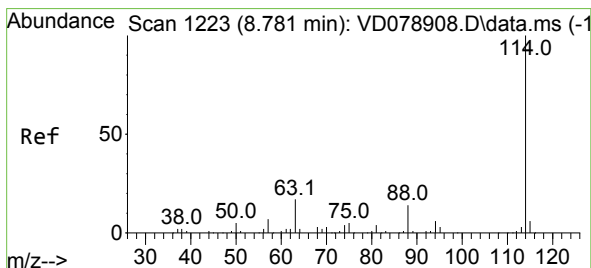
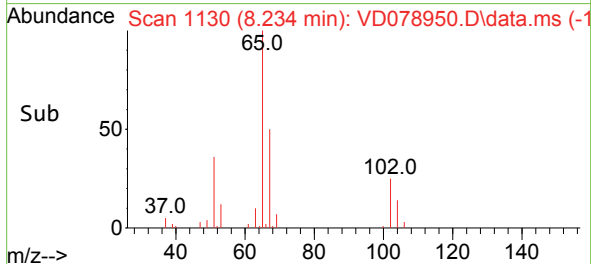
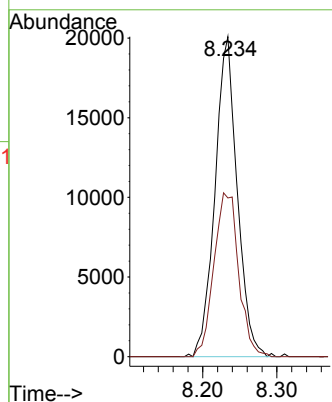
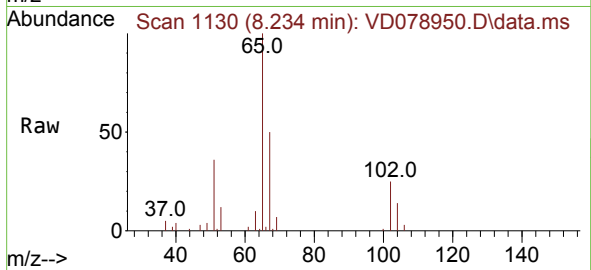




#33
1,2-Dichloroethane-d4
Concen: 86.049 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

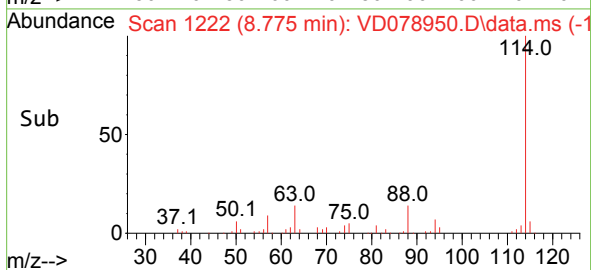
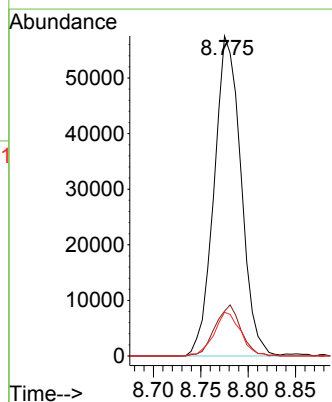
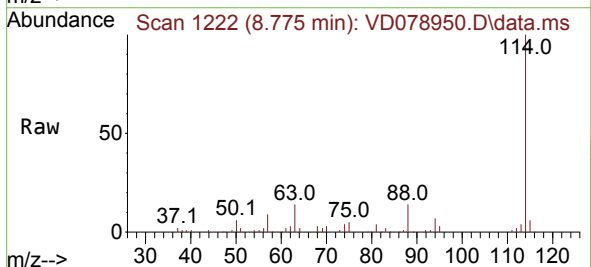
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051524

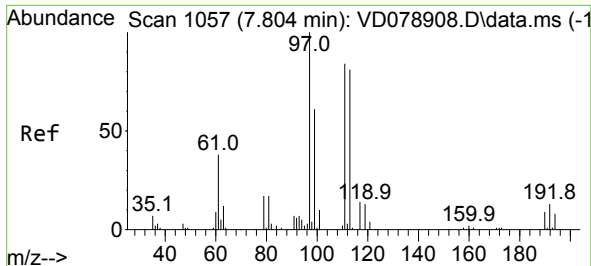
Tgt Ion: 65 Resp: 41879
Ion Ratio Lower Upper
65 100
67 57.0 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

Tgt Ion: 114 Resp: 113662
Ion Ratio Lower Upper
114 100
63 14.0 0.0 34.0
88 13.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 60.898 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078950.D

Acq: 16 May 2024 17:16

Instrument :

MSVOA_D

ClientSampleId :

OK-01-051524

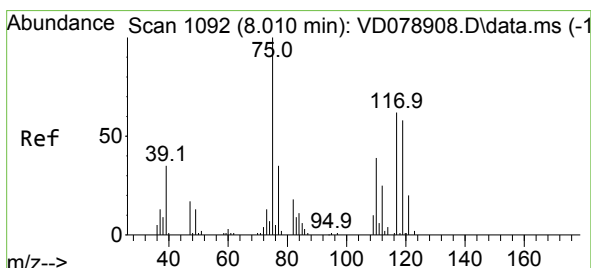
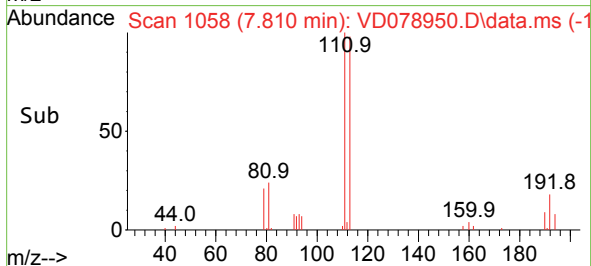
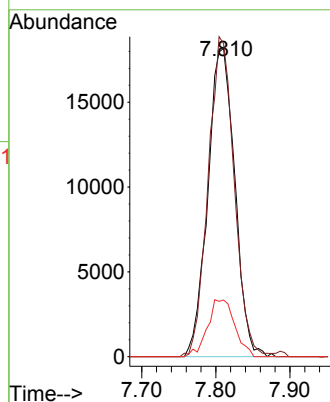
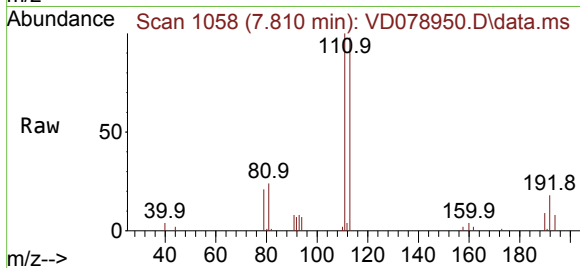
Tgt Ion:113 Resp: 46076

Ion Ratio Lower Upper

113 100

111 99.9 84.0 126.0

192 18.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.218 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078950.D

Acq: 16 May 2024 17:16

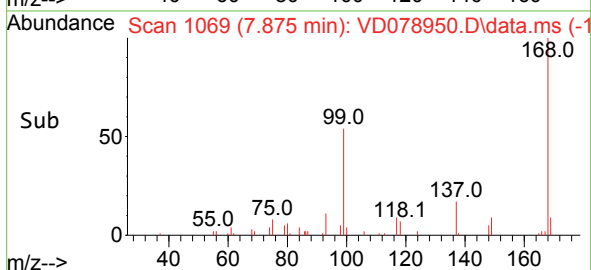
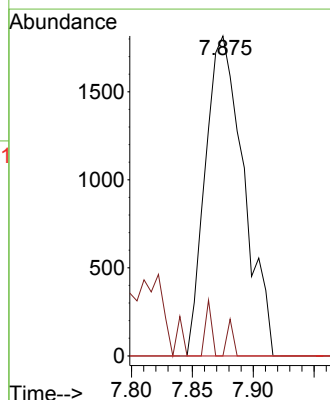
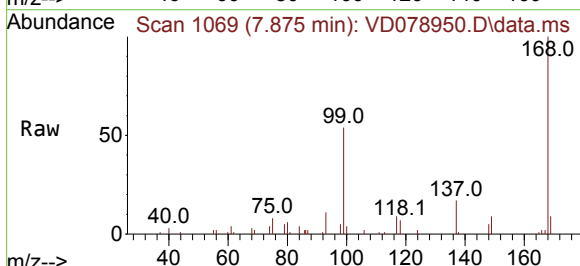
Tgt Ion: 75 Resp: 3971

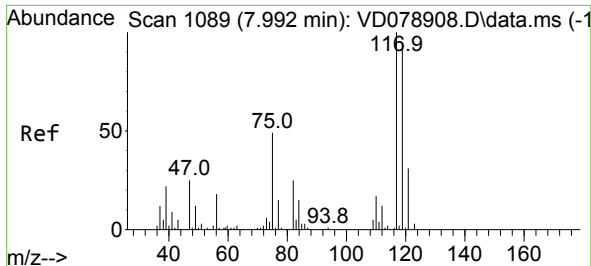
Ion Ratio Lower Upper

75 100

110 1.9 19.6 58.7#

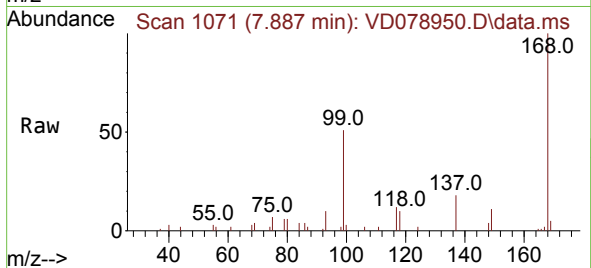
77 0.0 26.1 39.1#



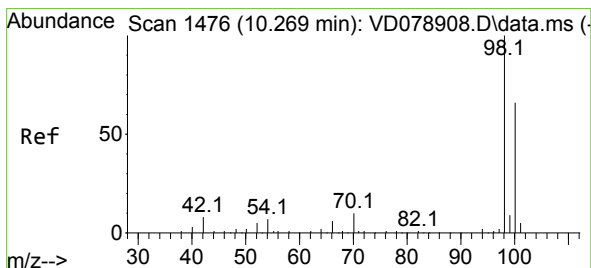
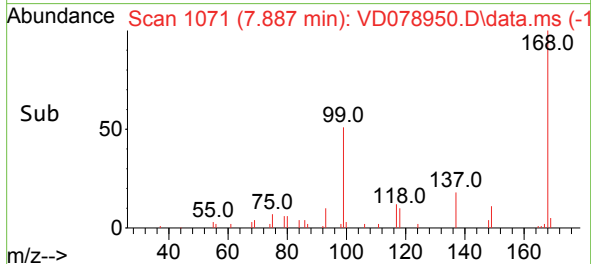
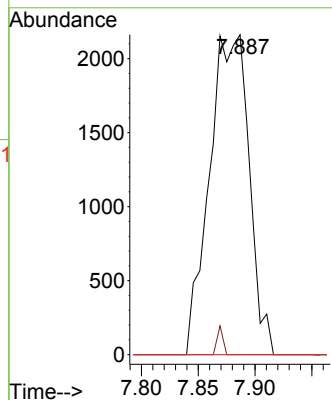


#38
Carbon Tetrachloride
Concen: 4.750 ug/l
RT: 7.887 min Scan# 1089
Delta R.T. -0.106 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

Instrument :
MSVOA_D
ClientSampleId :
OK-01-051524

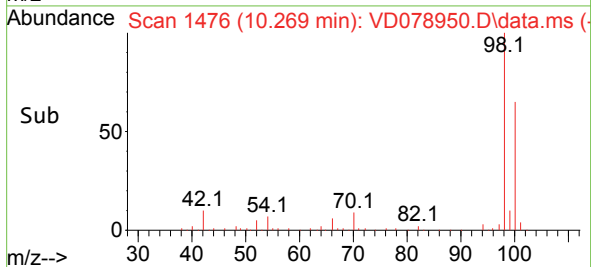
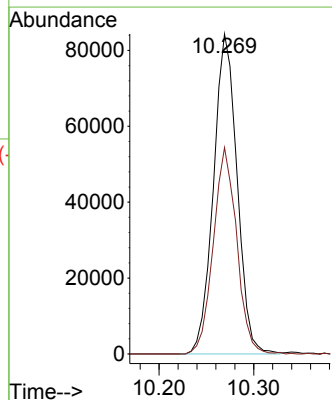
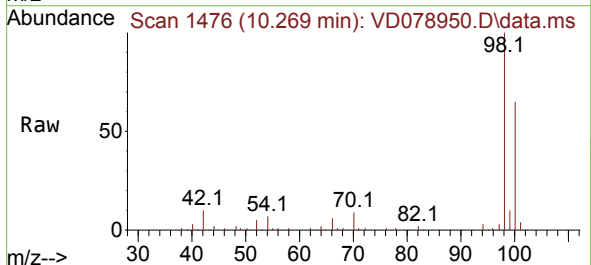


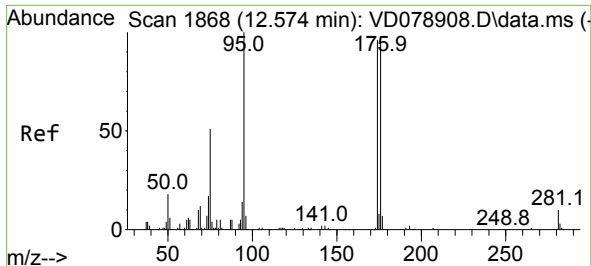
Tgt Ion:117 Resp: 5234
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.612 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

Tgt Ion: 98 Resp: 146392
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

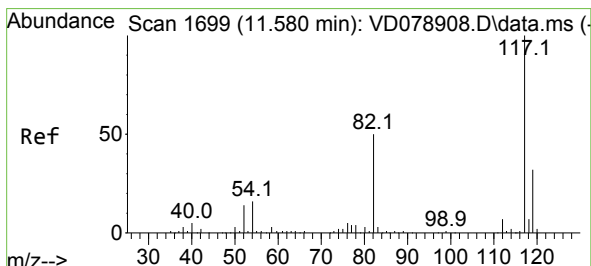
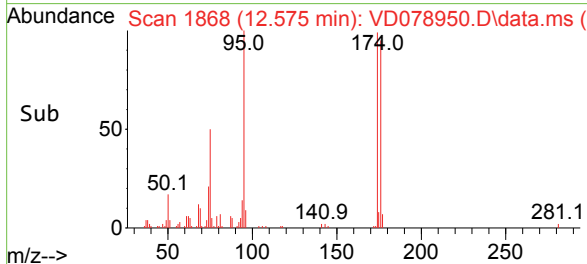
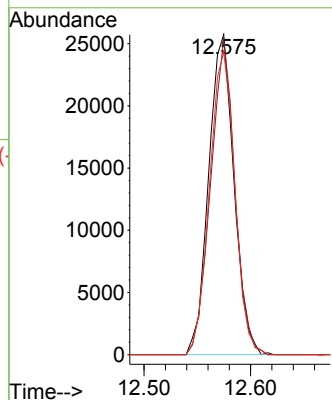
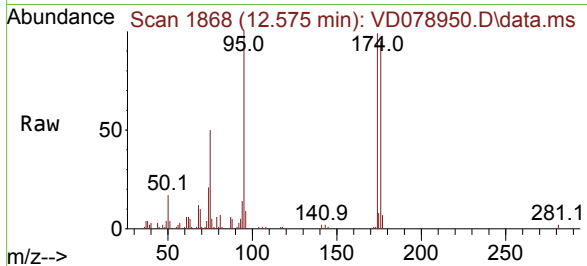




#62
4-Bromofluorobenzene
Concen: 53.130 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

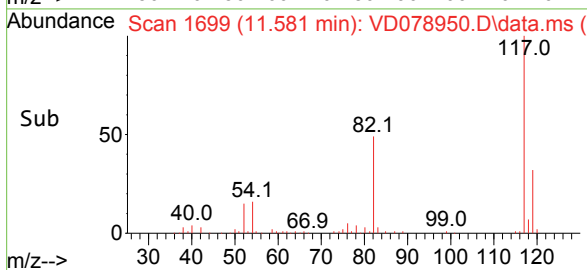
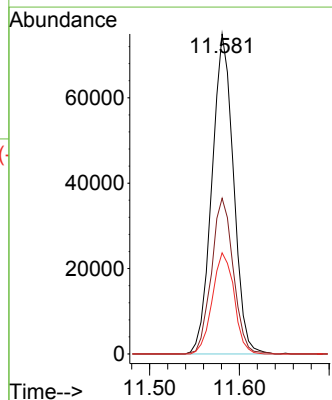
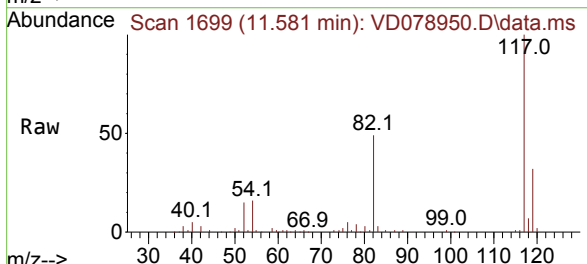
Instrument :
MSVOA_D
ClientSampleId :
OK-01-051524

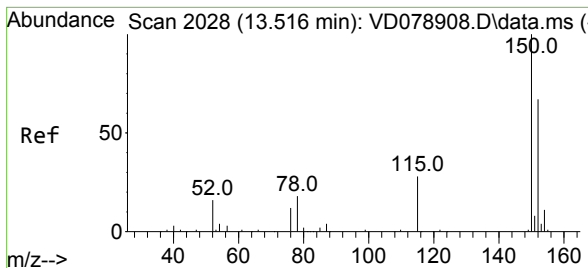
Tgt Ion: 95 Resp: 42335
Ion Ratio Lower Upper
95 100
174 94.3 0.0 195.4
176 94.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

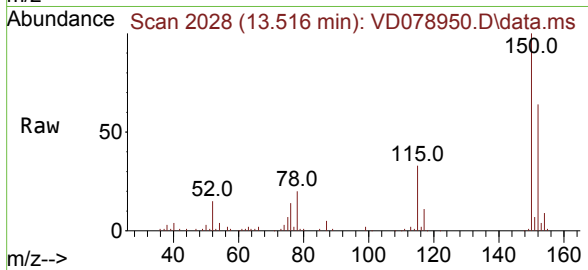
Tgt Ion: 117 Resp: 124945
Ion Ratio Lower Upper
117 100
82 48.7 39.8 59.6
119 31.6 25.7 38.5



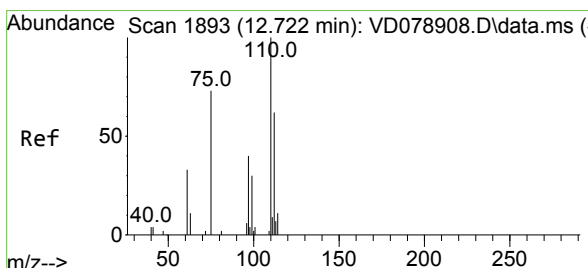
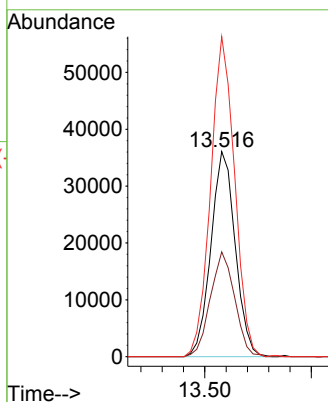
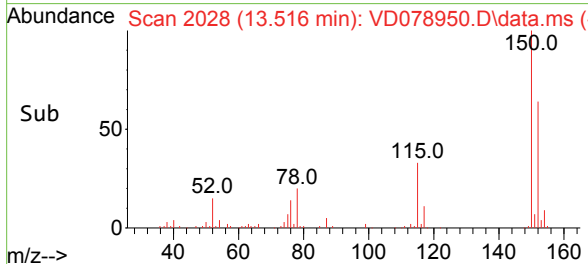


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

Instrument :
MSVOA_D
ClientSampleId :
OK-01-051524

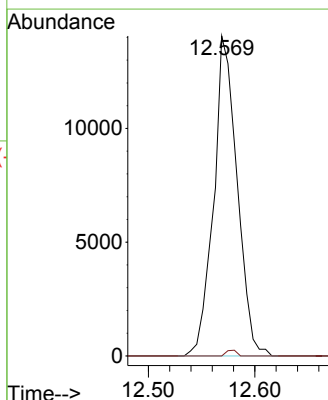
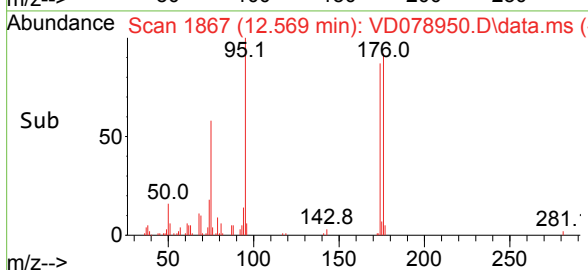
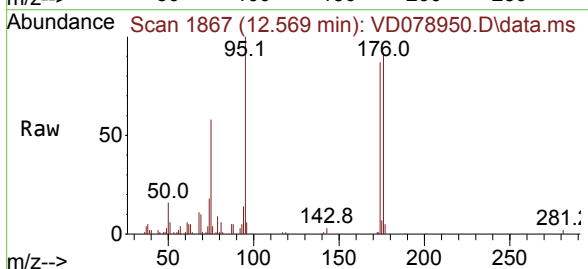


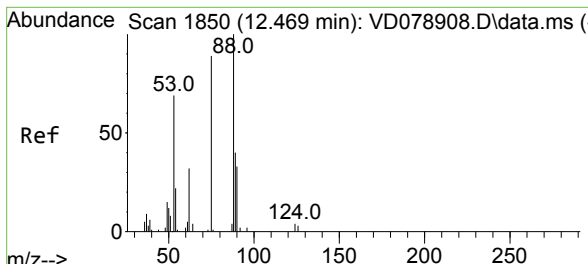
Tgt Ion:152 Resp: 57150
Ion Ratio Lower Upper
152 100
115 51.0 26.5 79.5
150 154.1 0.0 341.6



#76
1,2,3-Trichloropropane
Concen: 53.510 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078950.D
Acq: 16 May 2024 17:16

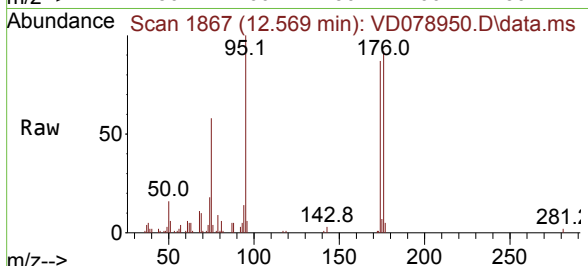
Tgt Ion: 75 Resp: 21529
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.111 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078950.D
 Acq: 16 May 2024 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-051524



Tgt Ion:	75	Resp:	21529
Ion	Ratio	Lower	Upper
75	100		
53	0.3	61.4	92.2#
89	0.0	35.4	53.0#

