

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078948.D
 Acq On : 16 May 2024 16:23
 Operator : RP/MD
 Sample : P2486-05
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WCS-TPL

Quant Time: May 17 06:11:06 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)

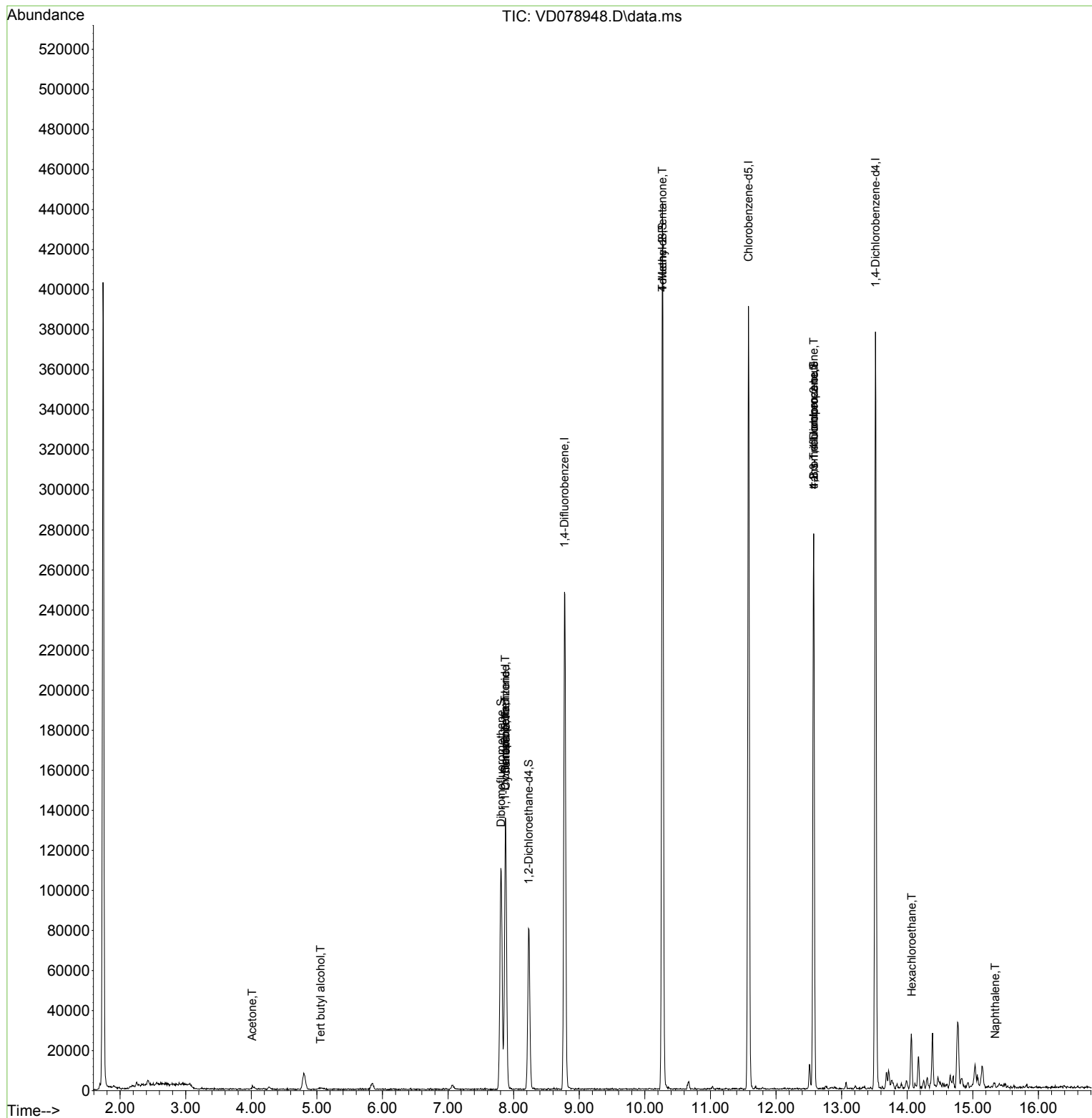
Internal Standards						
1) Pentafluorobenzene	7.875	168	104779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	240546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60163	61.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.420%	
35) Dibromofluoromethane	7.810	113	82626	51.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.269	98	309087	51.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.575	95	82612	48.989	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.980%	
Target Compounds						
						Qvalue
3) Chloromethane	2.246	50	54	Below Cal	#	40
5) Bromomethane	2.687	94	75	Below Cal	#	1
11) Tert butyl alcohol	5.057	59	1053	20.546	ug/l #	86
16) Acetone	4.016	43	1651	10.536	ug/l	97
17) Carbon Disulfide	4.281	76	1964	Below Cal	#	76
20) Methylene Chloride	4.804	84	7068	Below Cal		90
31) Cyclohexane	7.881	56	2133	1.485	ug/l #	3
36) 1,1-Dichloropropene	7.869	75	7871	3.950	ug/l #	50
38) Carbon Tetrachloride	7.875	117	10333	4.431	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	778	1.212	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	42292	56.692	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	42292	112.421	ug/l #	19
90) Hexachloroethane	14.069	117	1972	1.548	ug/l #	13
95) Naphthalene	15.339	128	3298	1.120	ug/l #	70

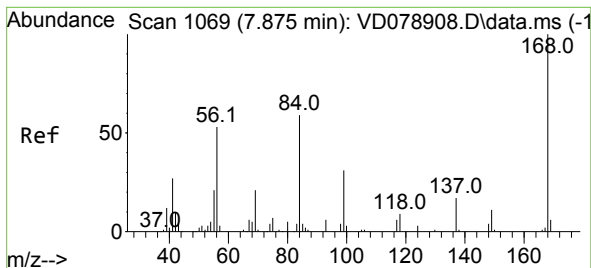
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
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# 110

Delta R.T. -0.000 min

Lab File: VD078948.D

Acq: 16 May 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

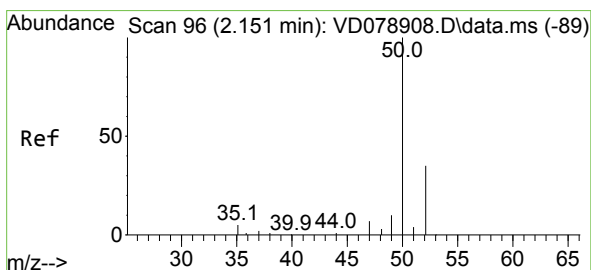
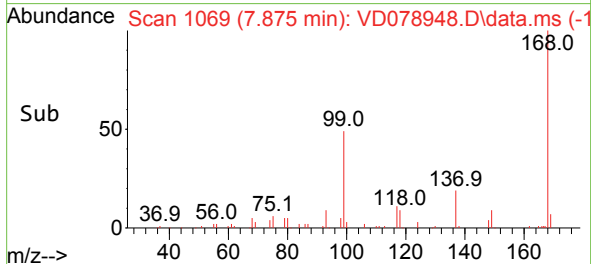
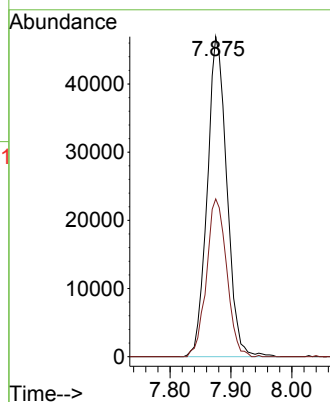
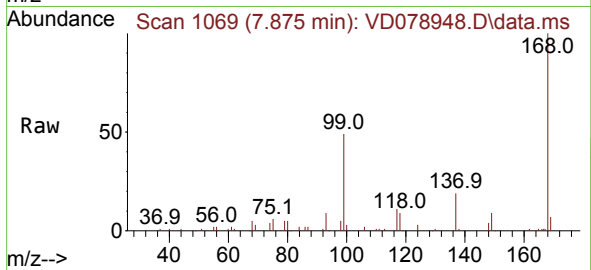
WCS-TPL

Tgt Ion:168 Resp: 104779

Ion Ratio Lower Upper

168 100

99 49.3 41.1 61.7



#3

Chloromethane

Concen: Below Cal

RT: 2.246 min Scan# 112

Delta R.T. 0.095 min

Lab File: VD078948.D

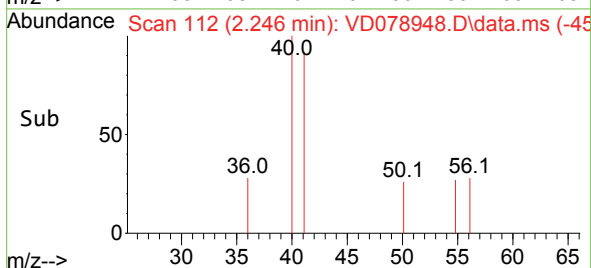
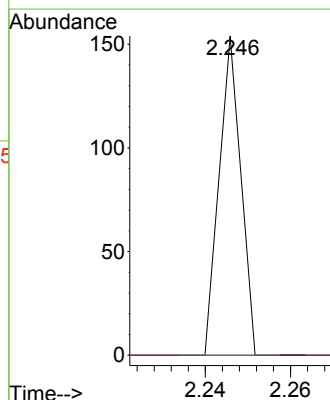
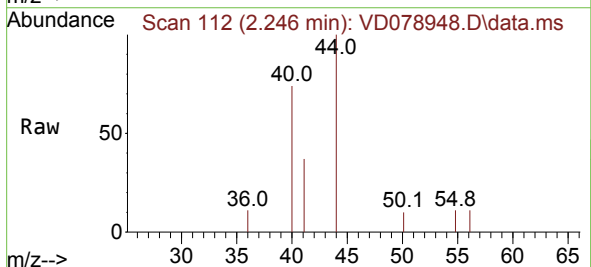
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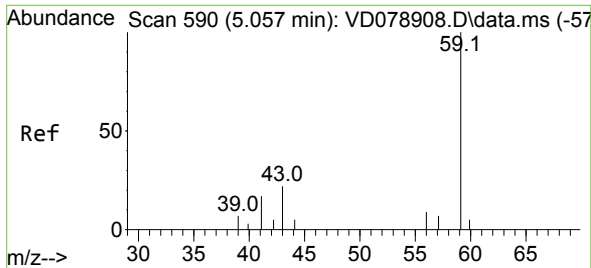
Tgt Ion: 50 Resp: 54

Ion Ratio Lower Upper

50 100

52 0.0 28.2 42.2#

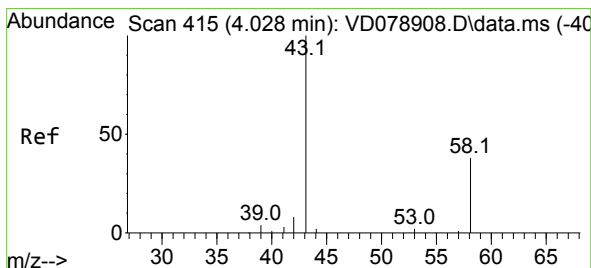
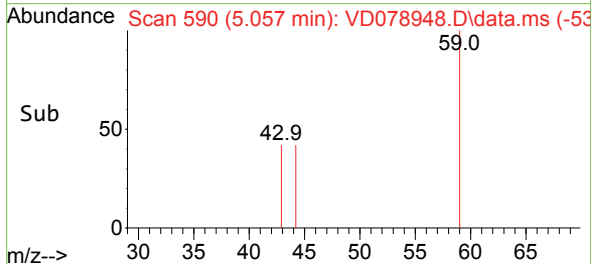
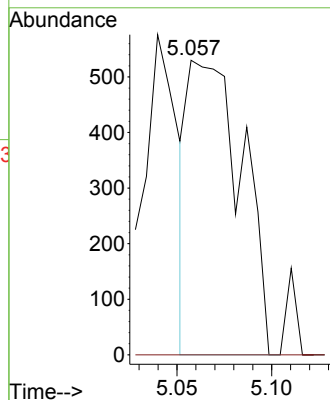
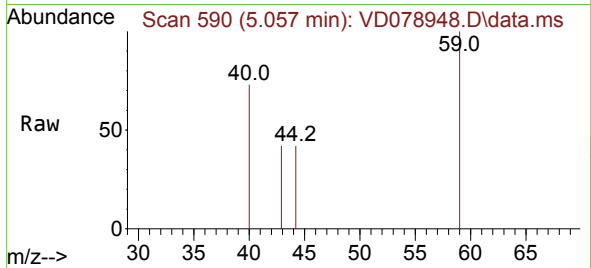




#11
Tert butyl alcohol
Concen: 20.546 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

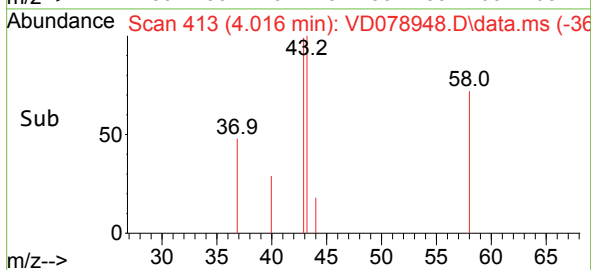
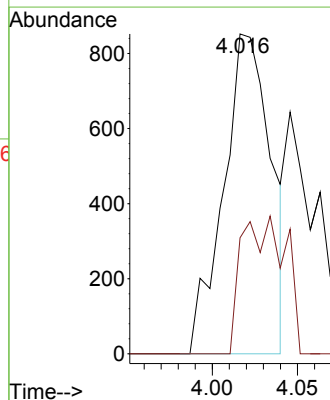
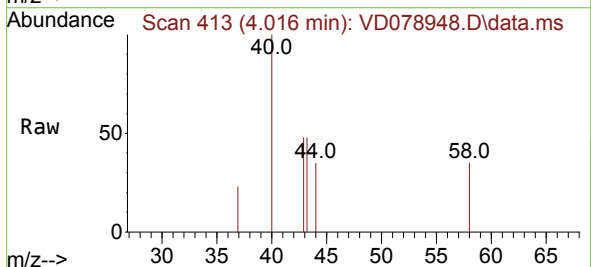
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL

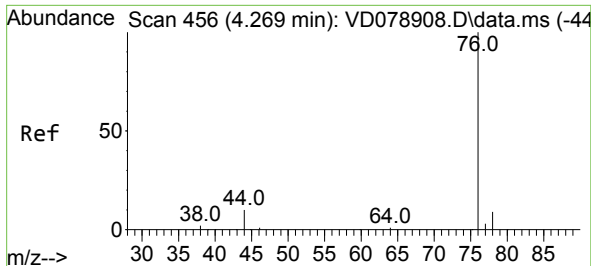
Tgt Ion: 59 Resp: 1053
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#16
Acetone
Concen: 10.536 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.012 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 36.3 30.4 45.6

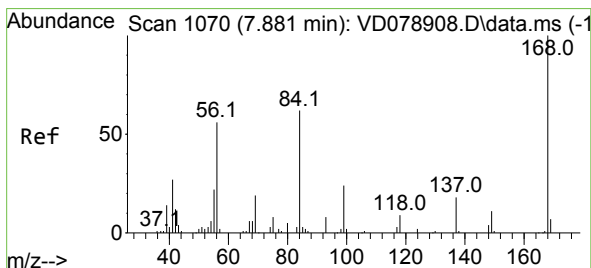
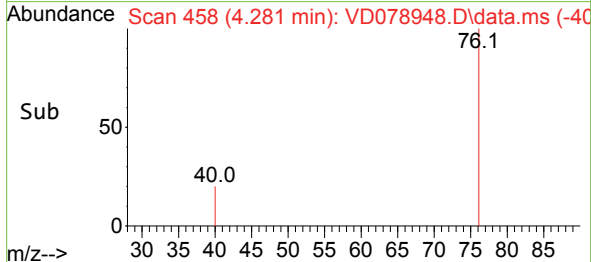
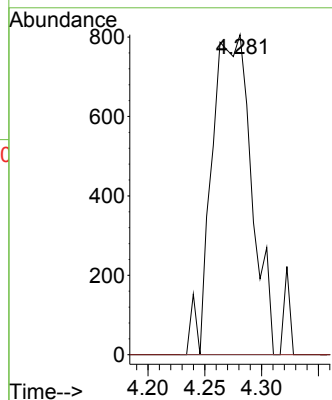
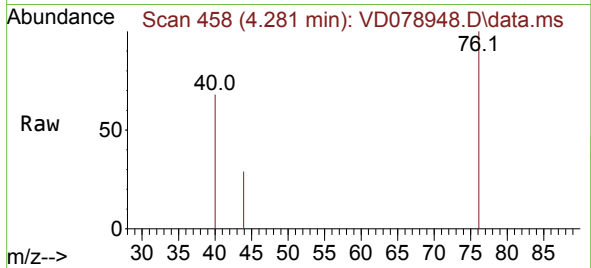




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.281 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

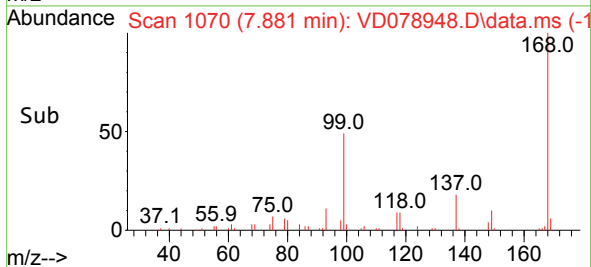
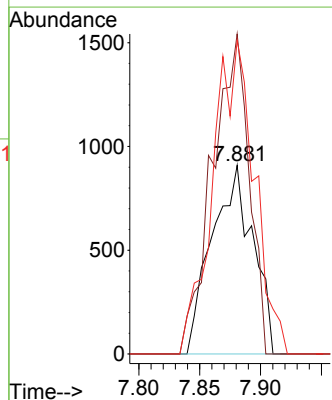
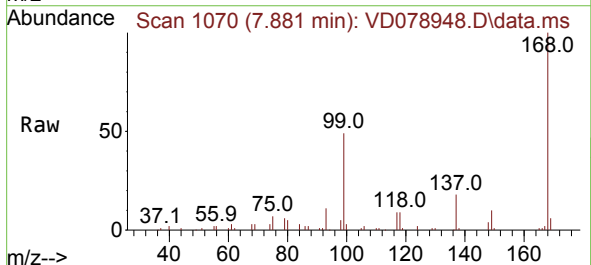
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL

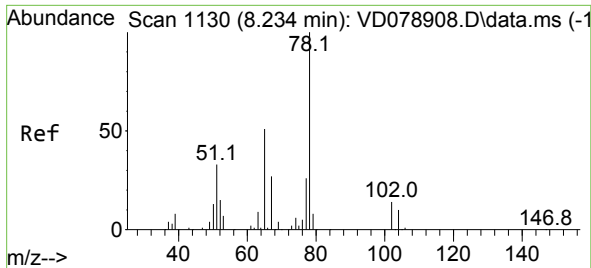
Tgt Ion: 76 Resp: 1964
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#31
Cyclohexane
Concen: 1.485 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Tgt Ion: 56 Resp: 2133
Ion Ratio Lower Upper
56 100
69 169.6 28.0 42.0#
84 166.3 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 61.214 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078948.D

Acq: 16 May 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

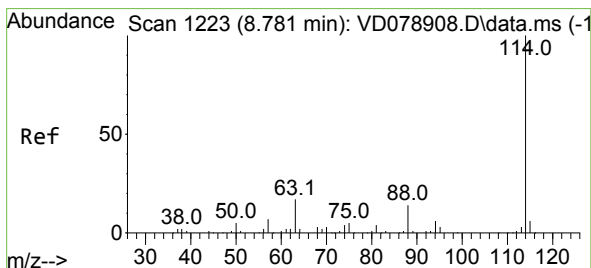
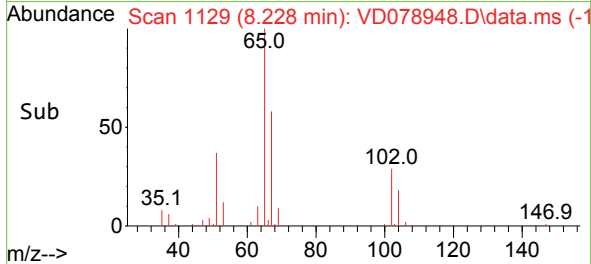
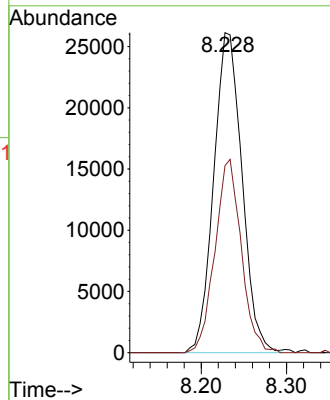
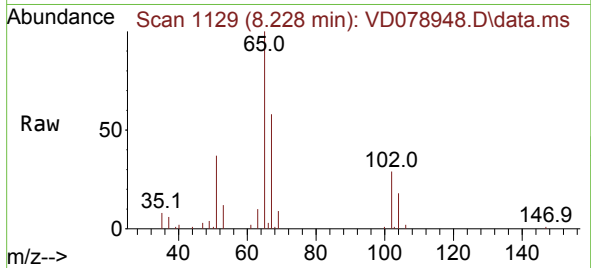
WCS-TPL

Tgt Ion: 65 Resp: 60163

Ion Ratio Lower Upper

65 100

67 56.3 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: VD078948.D

Acq: 16 May 2024 16:23

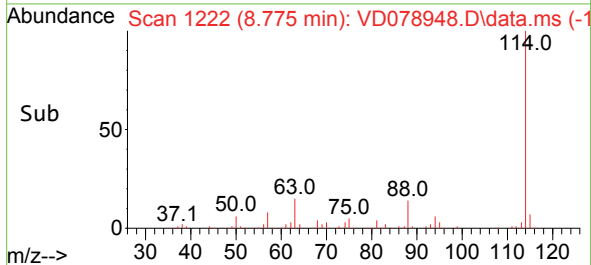
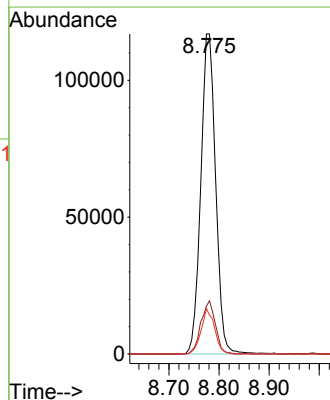
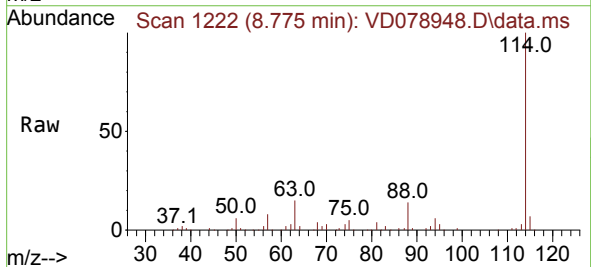
Tgt Ion: 114 Resp: 240546

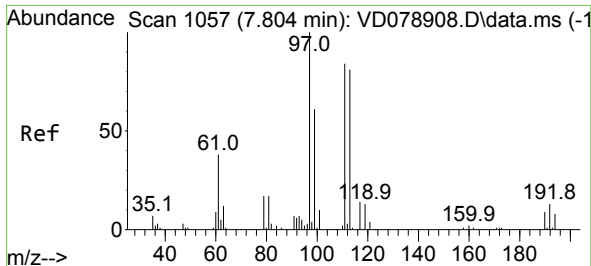
Ion Ratio Lower Upper

114 100

63 15.0 0.0 34.0

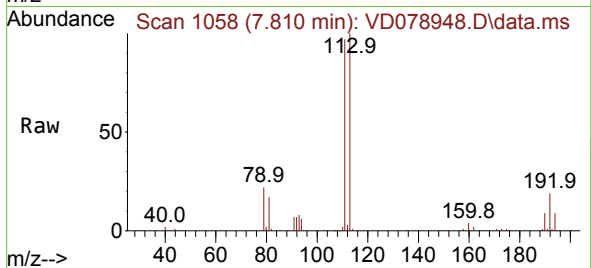
88 14.2 0.0 27.2



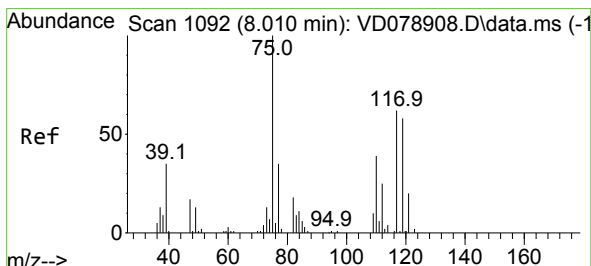
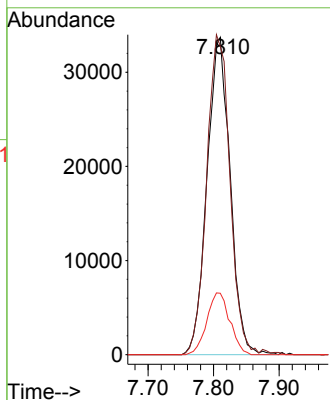
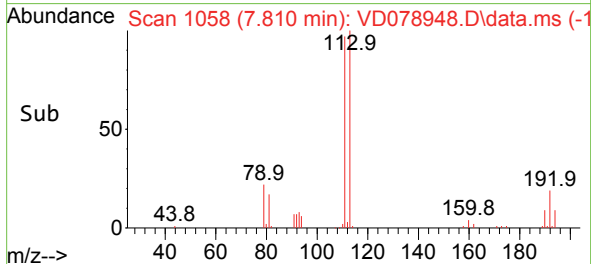


#35
Dibromofluoromethane
Concen: 51.601 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL

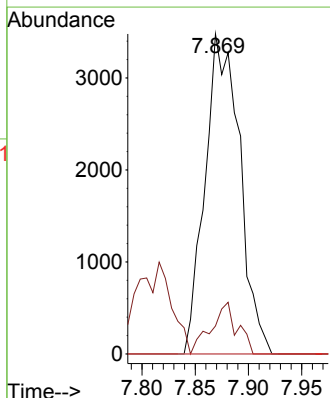
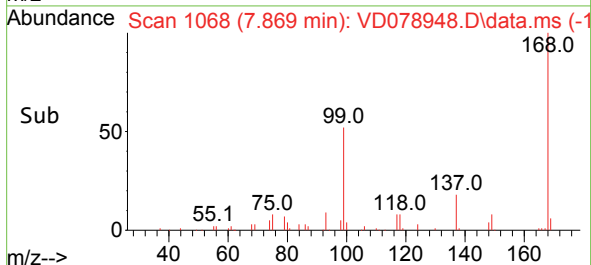
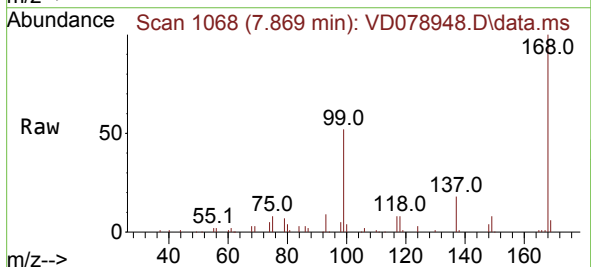


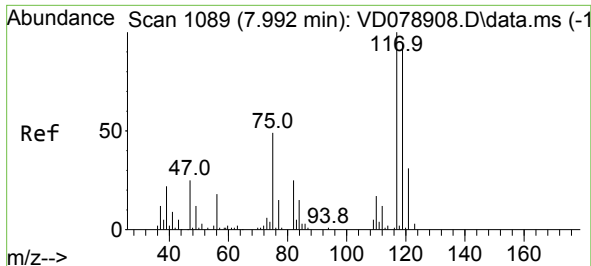
Tgt Ion:113 Resp: 82626
Ion Ratio Lower Upper
113 100
111 101.1 84.0 126.0
192 19.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.950 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

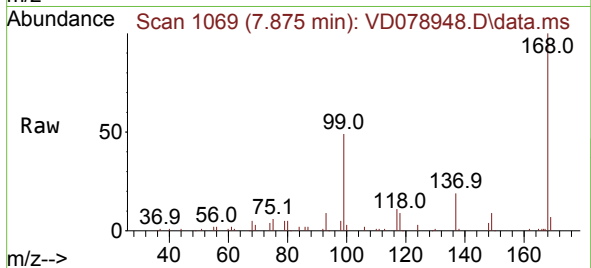
Tgt Ion: 75 Resp: 7871
Ion Ratio Lower Upper
75 100
110 12.2 19.6 58.7#
77 0.0 26.1 39.1#



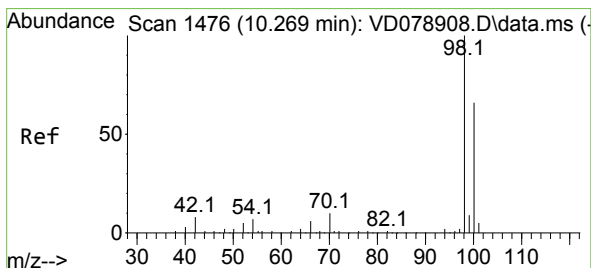
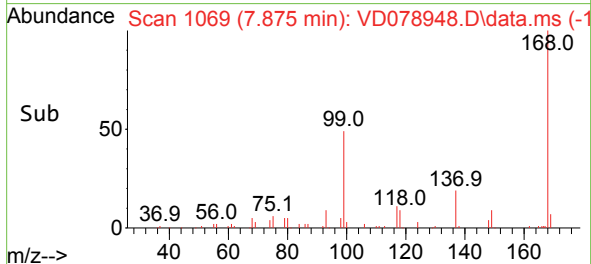
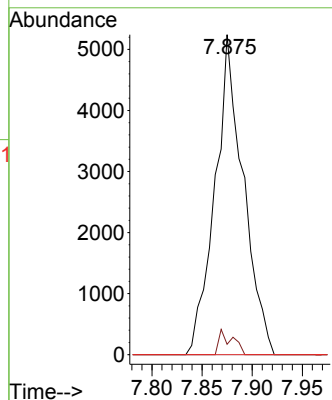


#38
Carbon Tetrachloride
Concen: 4.431 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL

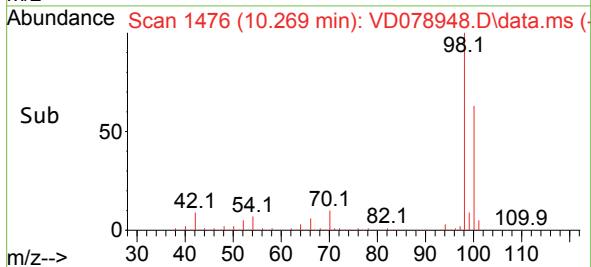
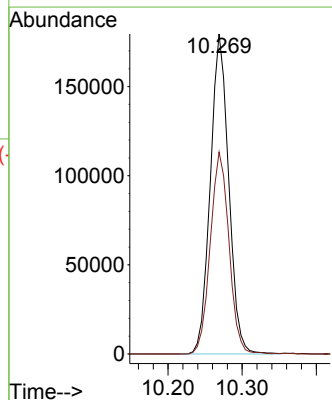
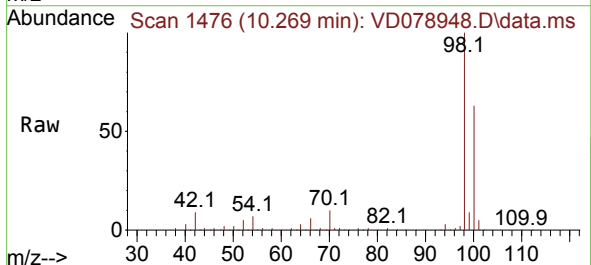


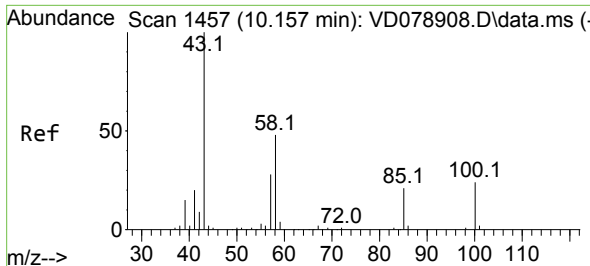
Tgt Ion:117 Resp: 10333
Ion Ratio Lower Upper
117 100
119 3.2 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.491 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Tgt Ion: 98 Resp: 309087
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.212 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD078948.D

Acq: 16 May 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

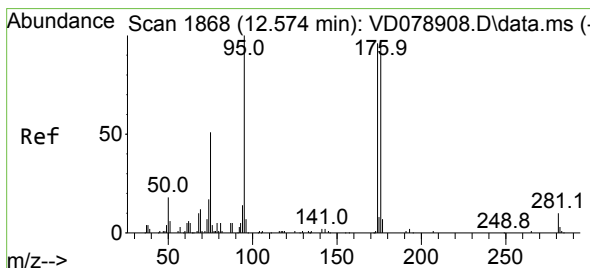
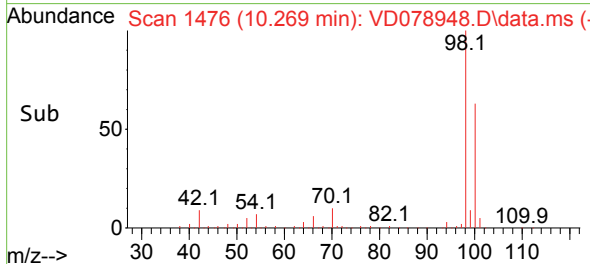
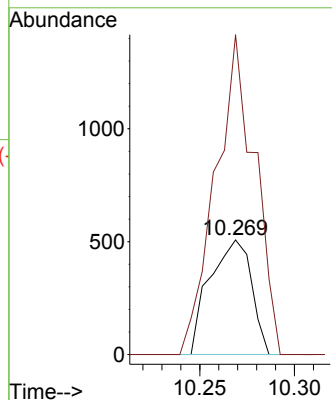
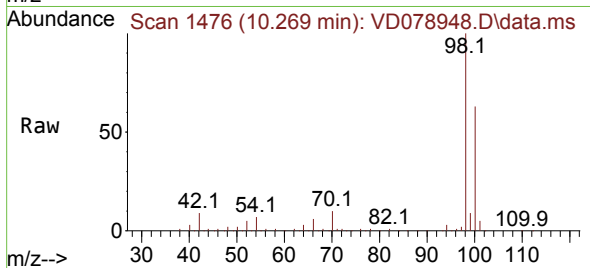
WCS-TPL

Tgt Ion: 43 Resp: 778

Ion Ratio Lower Upper

43 100

58 262.5 36.6 55.0#



#62

4-Bromofluorobenzene

Concen: 48.989 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078948.D

Acq: 16 May 2024 16:23

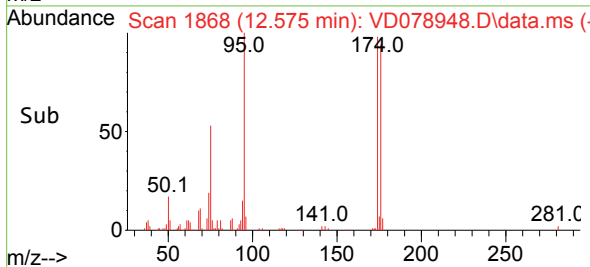
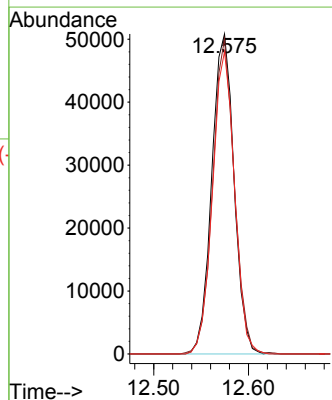
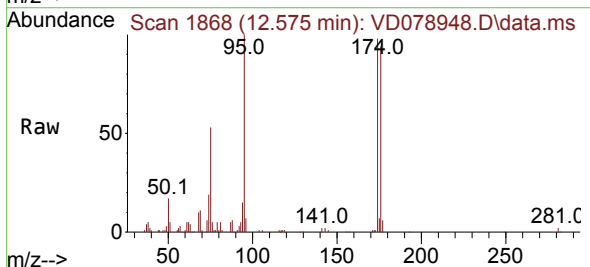
Tgt Ion: 95 Resp: 82612

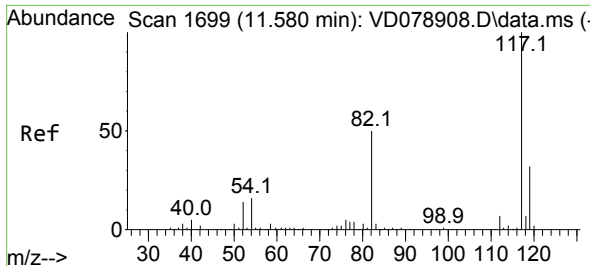
Ion Ratio Lower Upper

95 100

174 96.1 0.0 195.4

176 93.5 0.0 192.6

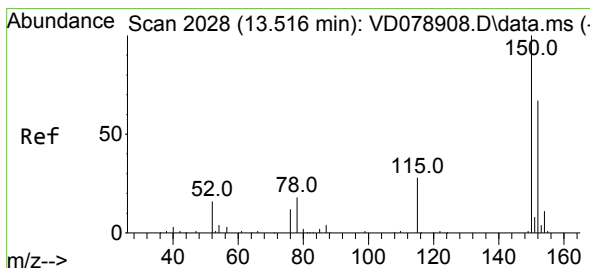
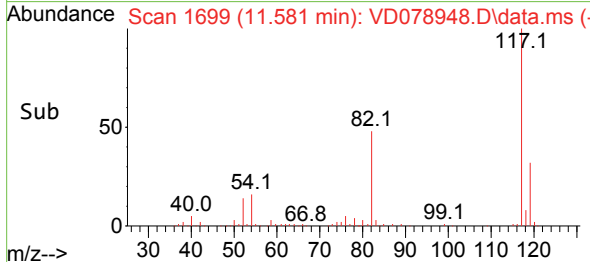
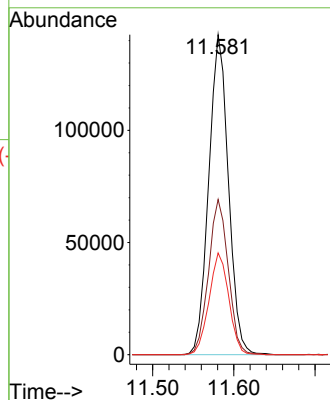
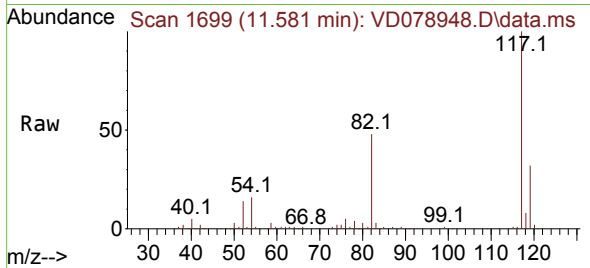




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

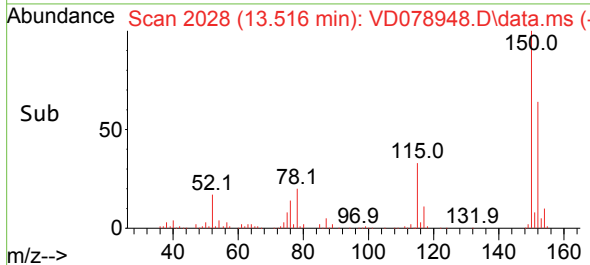
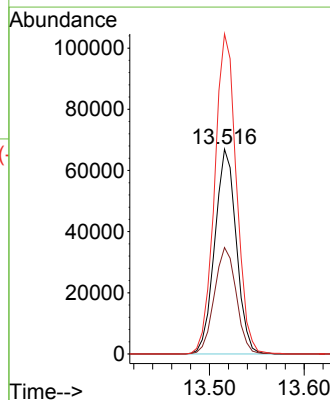
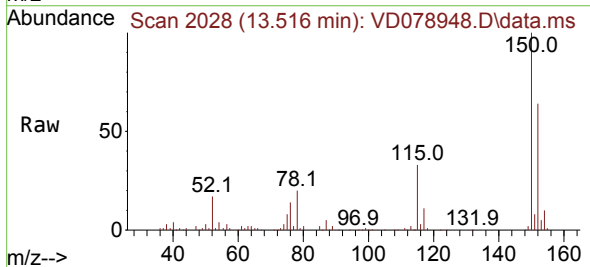
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL

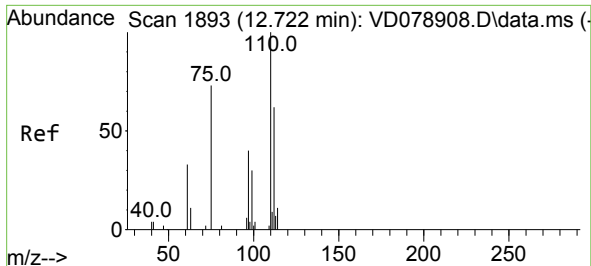
Tgt Ion:117 Resp: 239881
Ion Ratio Lower Upper
117 100
82 48.5 39.8 59.6
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Tgt Ion:152 Resp: 105965
Ion Ratio Lower Upper
152 100
115 52.9 26.5 79.5
150 157.6 0.0 341.6

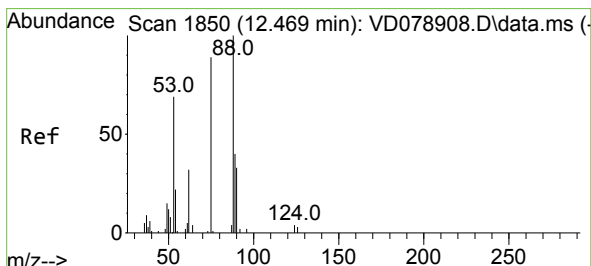
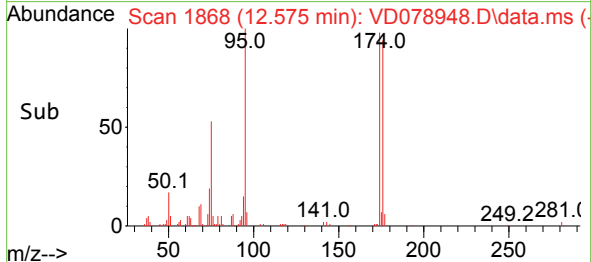
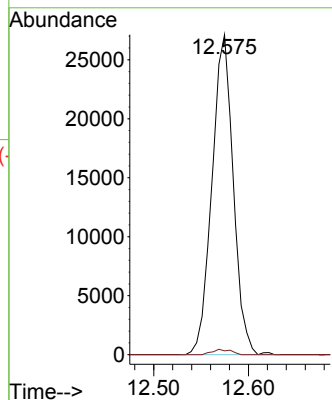
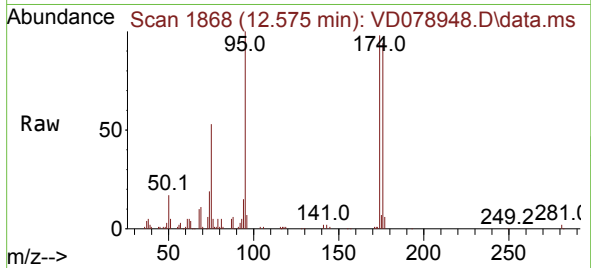




#76
1,2,3-Trichloropropane
Concen: 56.692 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

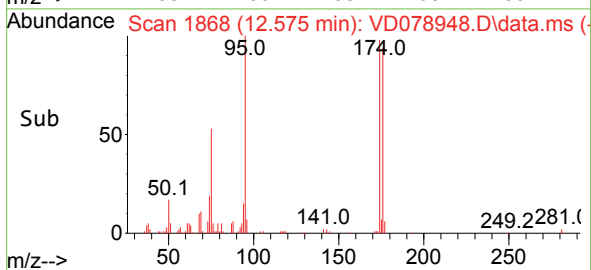
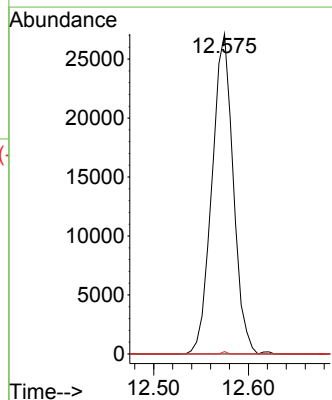
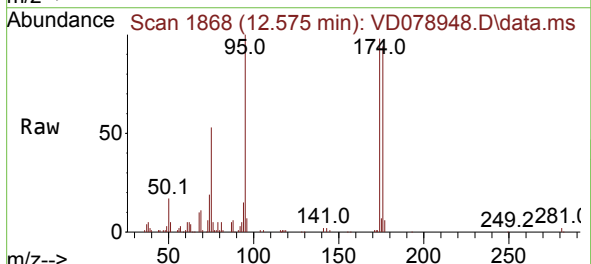
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL

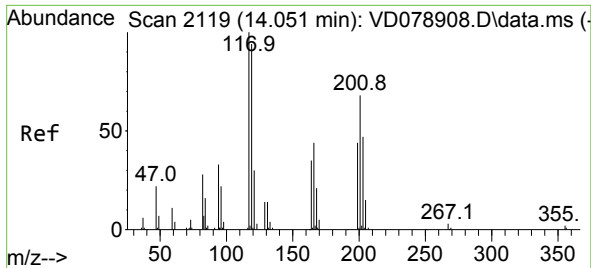
Tgt Ion: 75 Resp: 42292
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.421 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Tgt Ion: 75 Resp: 42292
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.2 35.4 53.0#

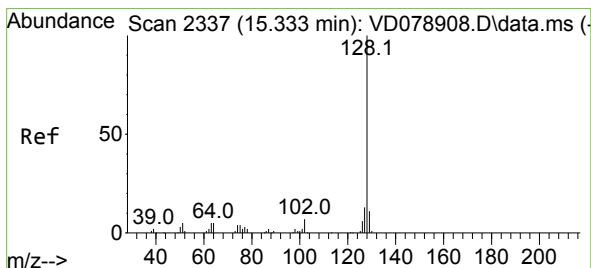
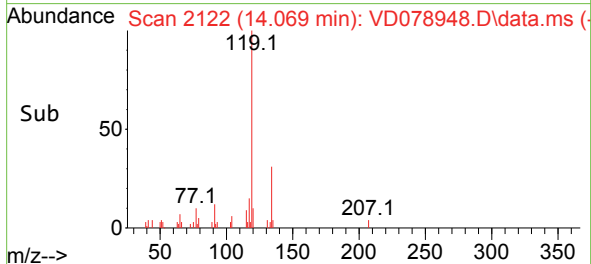
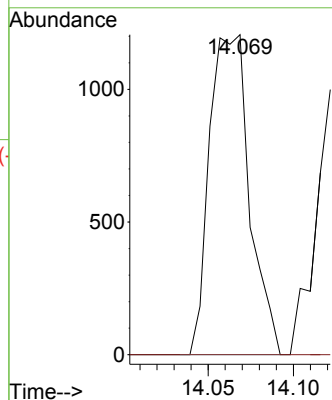
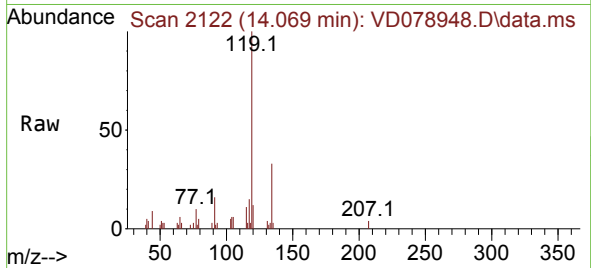




#90
Hexachloroethane
Concen: 1.548 ug/l
RT: 14.069 min Scan# 2119
Delta R.T. 0.018 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPL

Tgt Ion:117 Resp: 1972
Ion Ratio Lower Upper
117 100
201 0.0 36.3 108.9#



#95
Naphthalene
Concen: 1.120 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD078948.D
Acq: 16 May 2024 16:23

Tgt Ion:128 Resp: 3298
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.5 12.7#

