

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080070.D
 Acq On : 18 Nov 2024 15:45
 Operator : RP/MD
 Sample : P4852-03
 Misc : 5.51G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:48:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

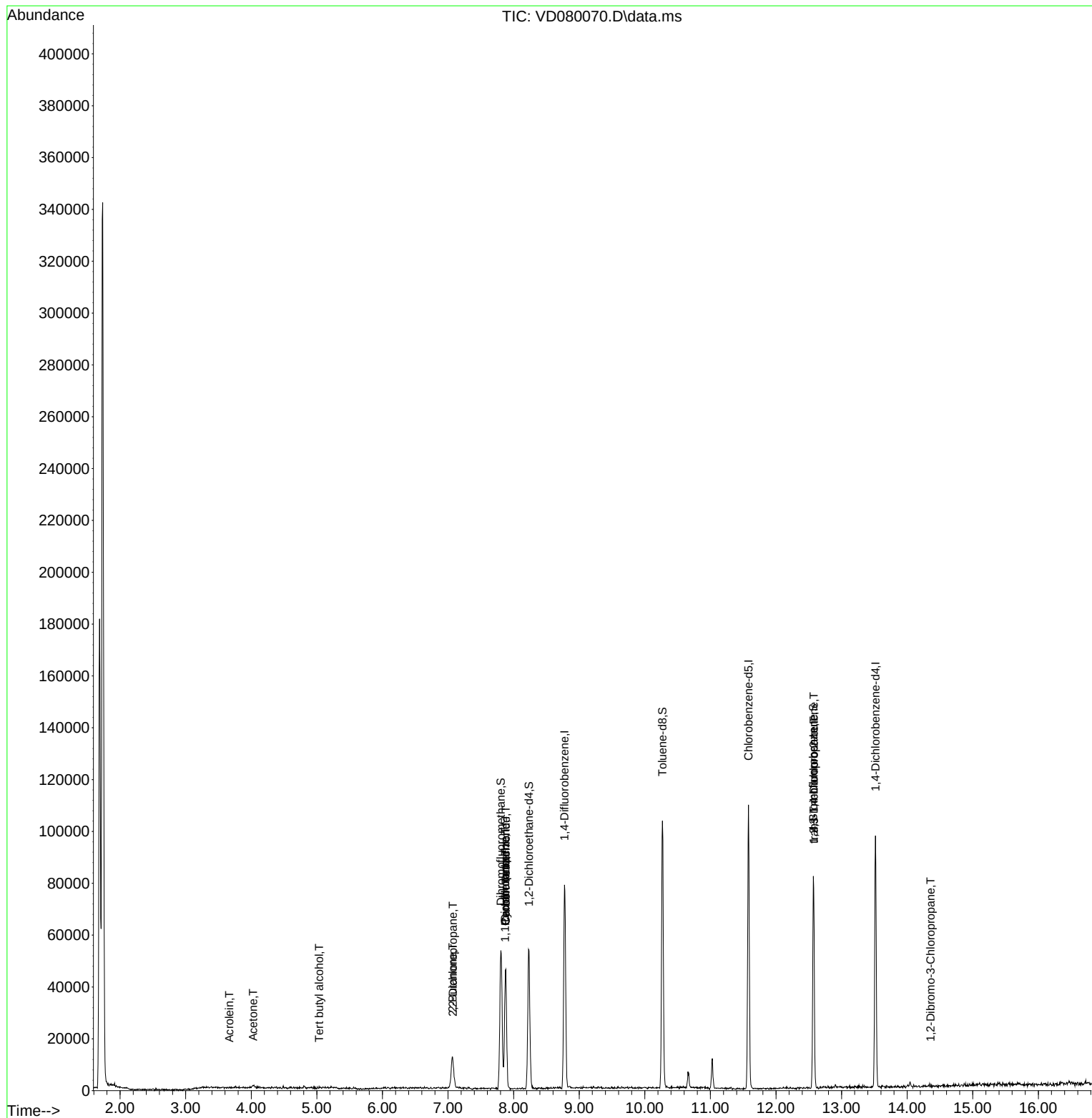
Internal Standards						
1) Pentafluorobenzene	7.875	168	39269	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	73361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	68861	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43037	106.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 212.880%#		
35) Dibromofluoromethane	7.805	113	39350	80.595	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 161.200%#		
50) Toluene-d8	10.269	98	76573	41.612	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 83.220%		
62) 4-Bromofluorobenzene	12.569	95	26451	43.812	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 87.620%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.034	59	113	5.371	ug/l #	82
13) Acrolein	3.664	56	65	1.610	ug/l #	13
16) Acetone	4.028	43	2237	25.500	ug/l	98
25) 2-Butanone	7.069	43	466	4.065	ug/l #	47
26) 2,2-Dichloropropane	7.075	77	921	1.364	ug/l #	51
31) Cyclohexane	7.875	56	692	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	2590	3.879	ug/l #	44
38) Carbon Tetrachloride	7.881	117	3700	5.073	ug/l #	24
76) 1,2,3-Trichloropropane	12.575	75	11857	49.329	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	11857	100.958	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.357	75	58	1.137	ug/l #	2

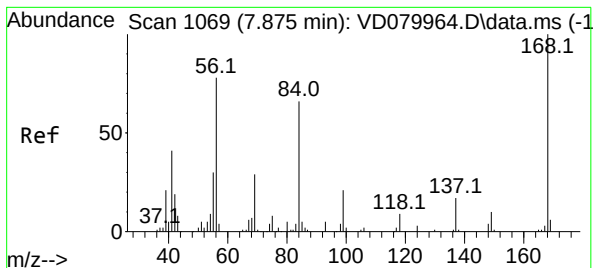
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 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: VD080070.D

Acq: 18 Nov 2024 15:45

Instrument :

MSVOA_D

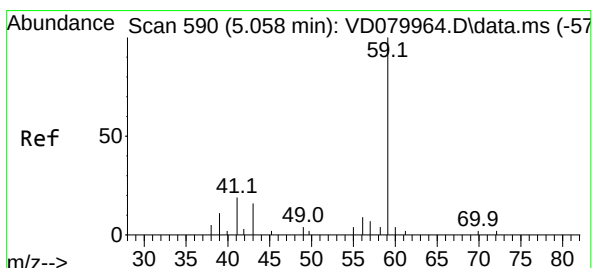
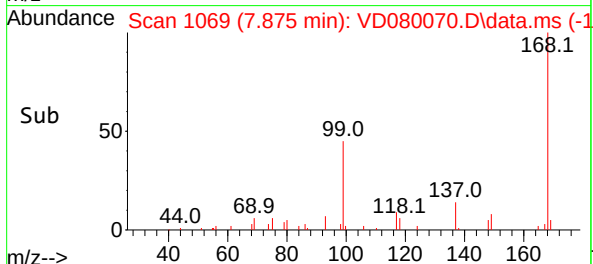
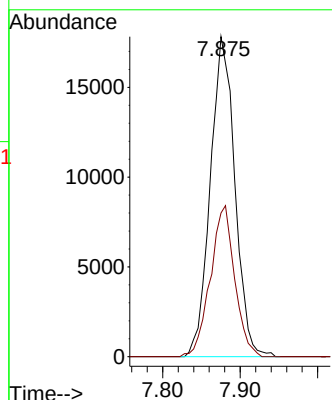
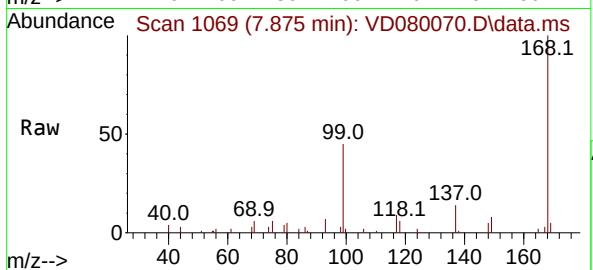
ClientSampleId :

Tgt Ion:168 Resp: 39269

Ion Ratio Lower Upper

168 100

99 44.9 46.0 69.0#



#11

Tert butyl alcohol

Concen: 5.371 ug/l

RT: 5.034 min Scan# 586

Delta R.T. -0.024 min

Lab File: VD080070.D

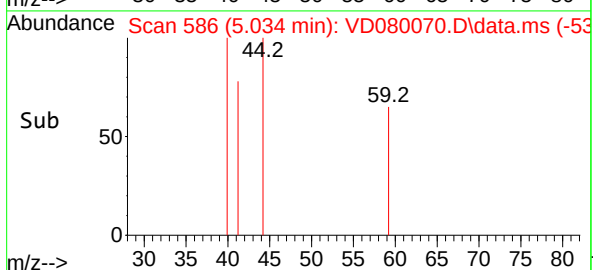
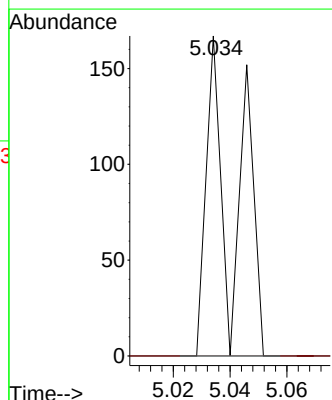
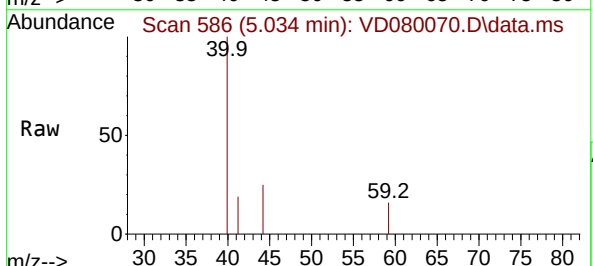
Acq: 18 Nov 2024 15:45

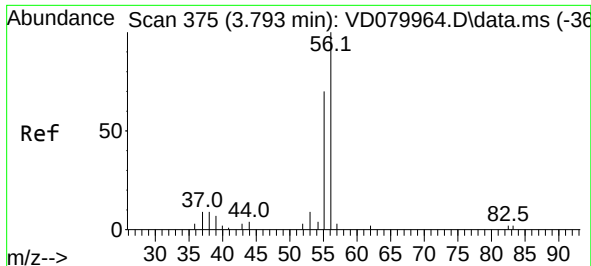
Tgt Ion: 59 Resp: 113

Ion Ratio Lower Upper

59 100

57 0.0 4.8 7.2#

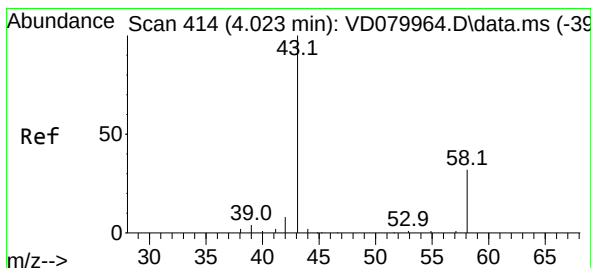
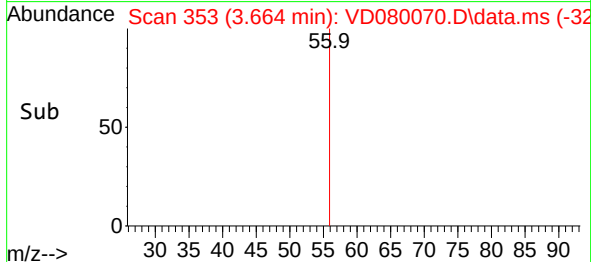
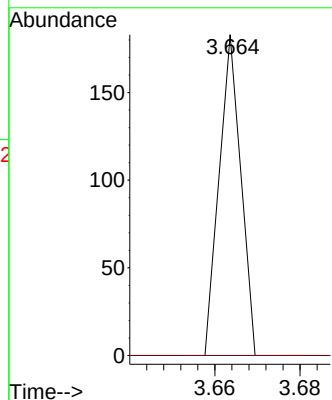
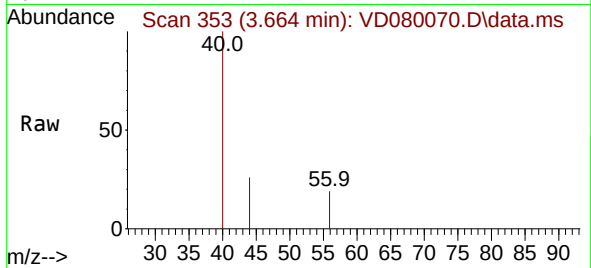




#13
Acrolein
Concen: 1.610 ug/l
RT: 3.664 min Scan# 31
Delta R.T. -0.129 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

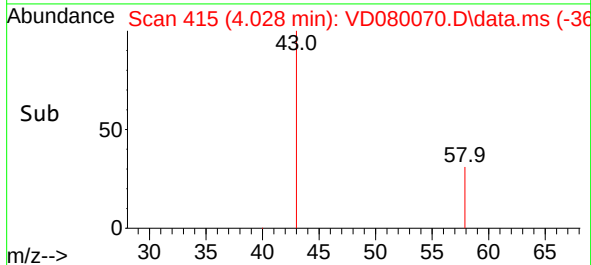
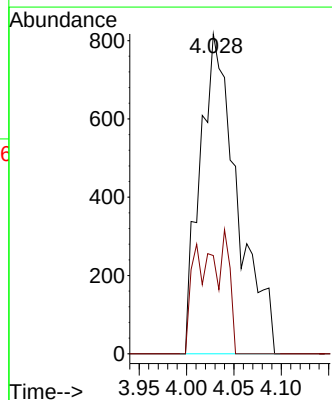
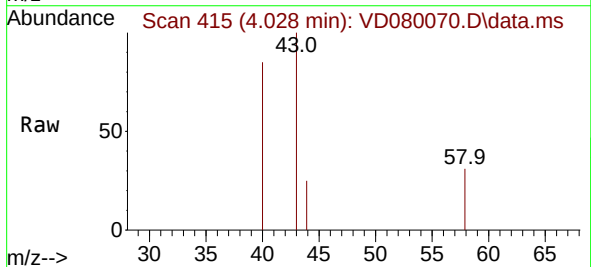
Instrument :
MSVOA_D
ClientSampleId :

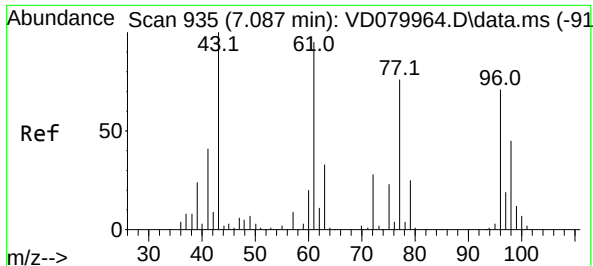
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#



#16
Acetone
Concen: 25.500 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

Tgt Ion: 43 Resp: 2237
Ion Ratio Lower Upper
43 100
58 30.7 25.4 38.2





#25

2-Butanone

Concen: 4.065 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.018 min

Lab File: VD080070.D

Acq: 18 Nov 2024 15:45

Instrument :

MSVOA_D

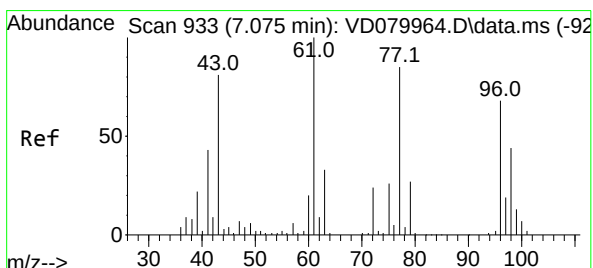
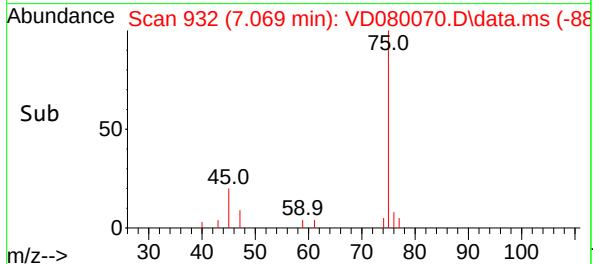
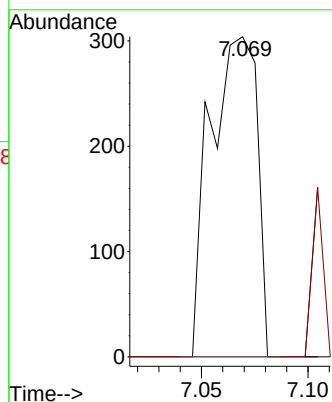
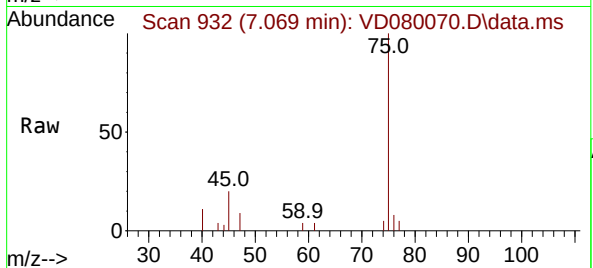
ClientSampleId :

Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

43 100

72 0.0 22.3 33.5#



#26

2,2-Dichloropropane

Concen: 1.364 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD080070.D

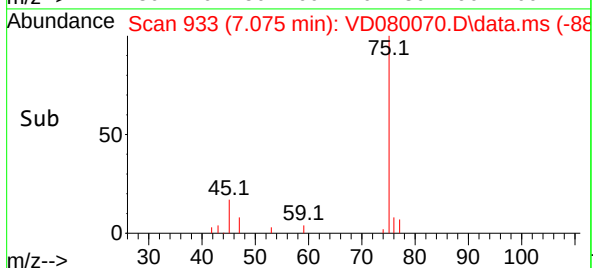
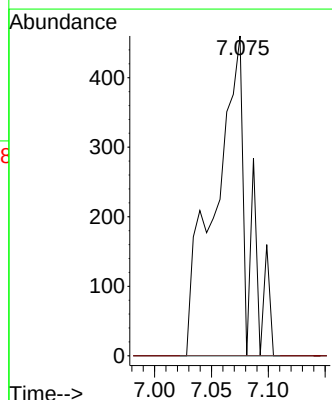
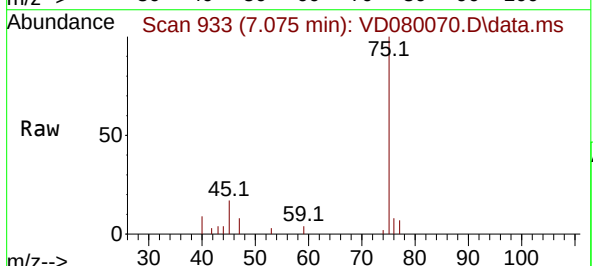
Acq: 18 Nov 2024 15:45

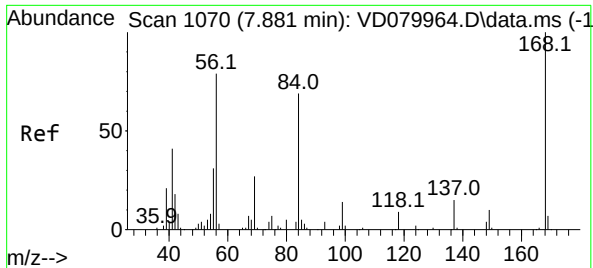
Tgt Ion: 77 Resp: 921

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.9#

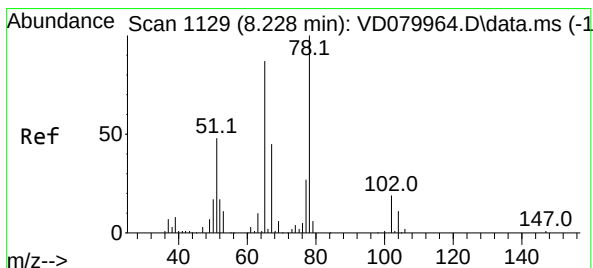
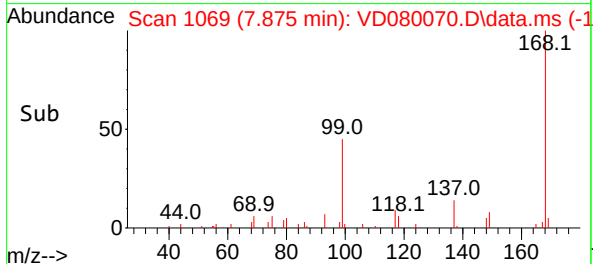
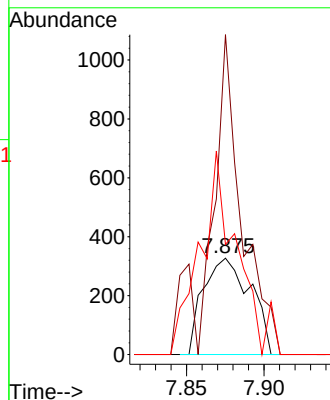
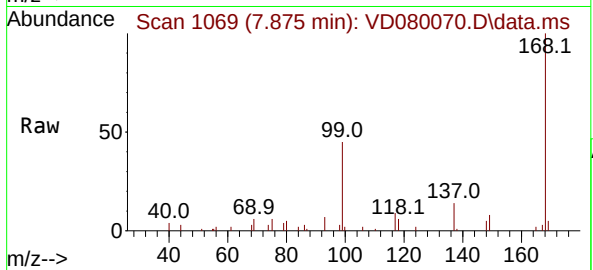




#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

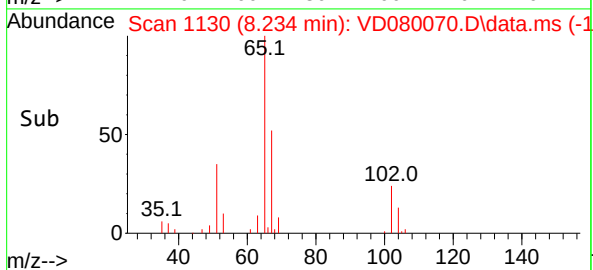
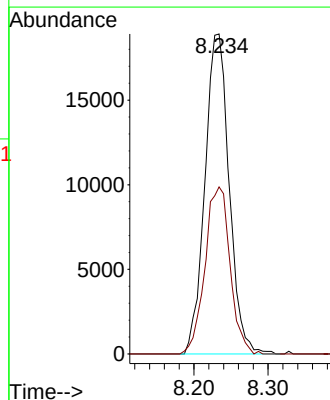
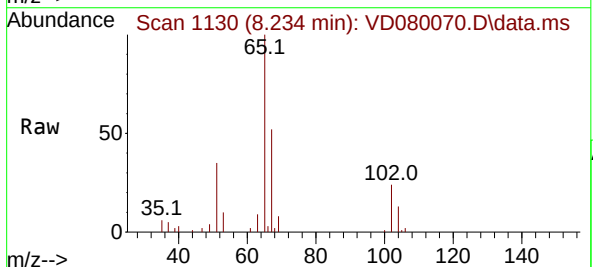
Instrument :
MSVOA_D
ClientSampleId :

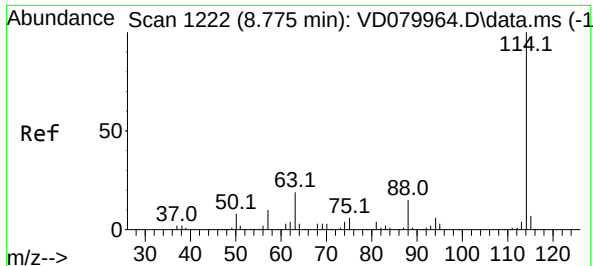
Tgt Ion: 56 Resp: 692
Ion Ratio Lower Upper
56 100
69 332.1 27.3 40.9#
84 114.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 106.445 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

Tgt Ion: 65 Resp: 43037
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080070.D

Acq: 18 Nov 2024 15:45

Instrument :

MSVOA_D

ClientSampleId :

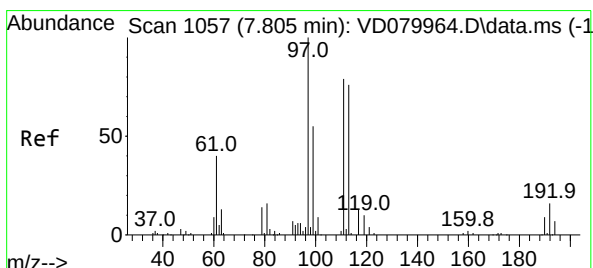
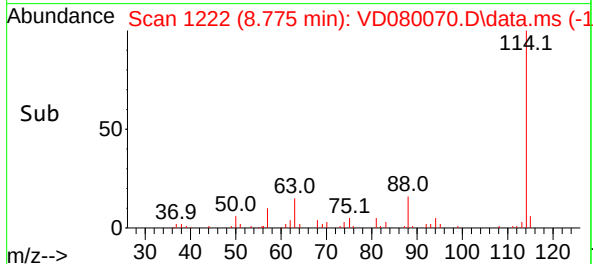
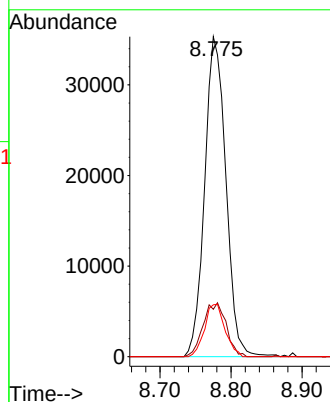
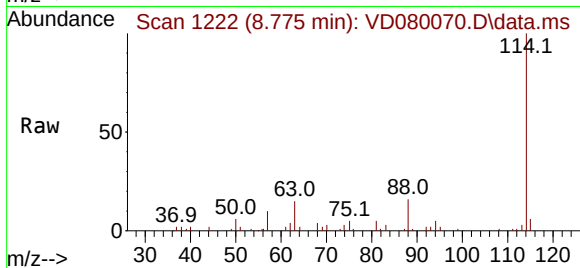
Tgt Ion:114 Resp: 73361

Ion Ratio Lower Upper

114 100

63 14.8 0.0 38.8

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 80.595 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD080070.D

Acq: 18 Nov 2024 15:45

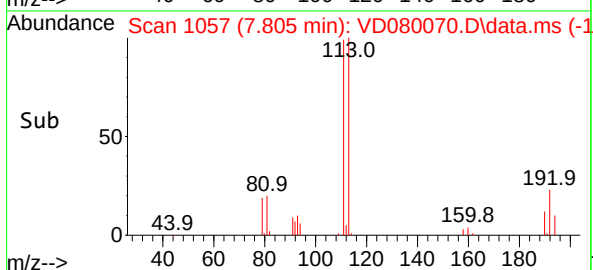
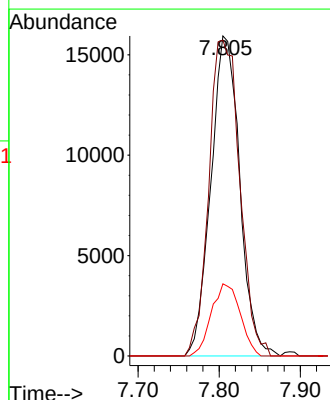
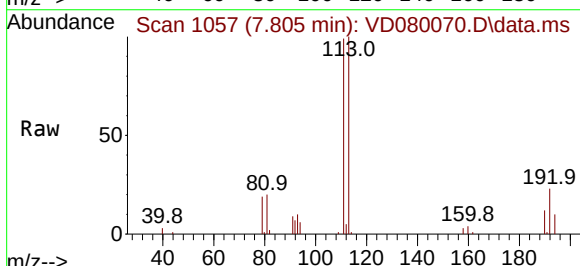
Tgt Ion:113 Resp: 39350

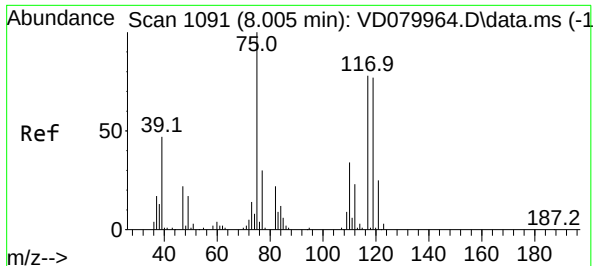
Ion Ratio Lower Upper

113 100

111 105.7 82.5 123.7

192 22.5 16.6 25.0





#36

1,1-Dichloropropene

Concen: 3.879 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD080070.D

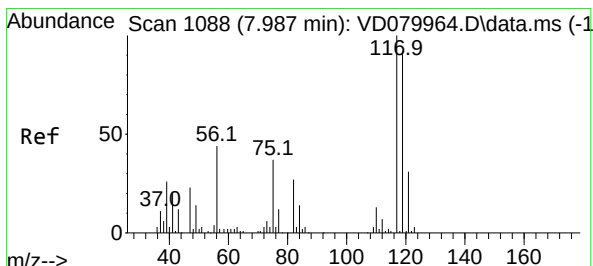
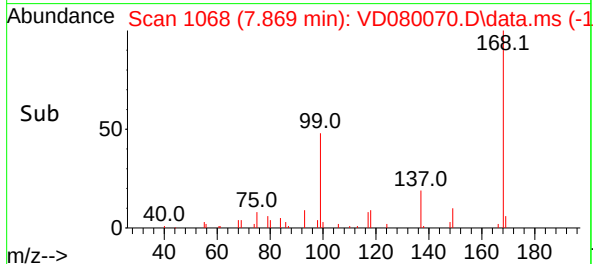
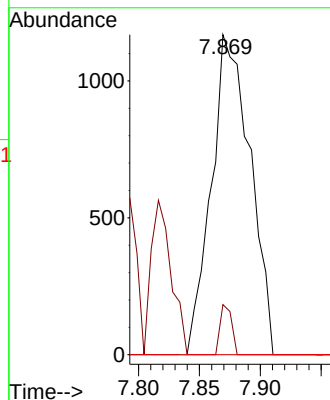
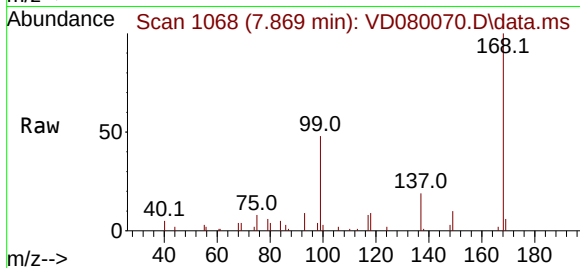
Acq: 18 Nov 2024 15:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp:	2590
Ion Ratio	Lower	Upper
75	100	
110	4.6	18.4 55.0#
77	0.0	25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.073 ug/l

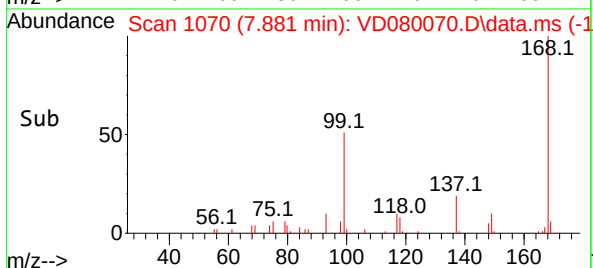
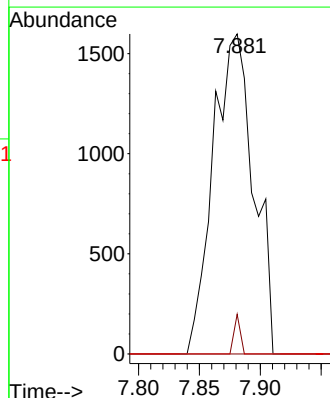
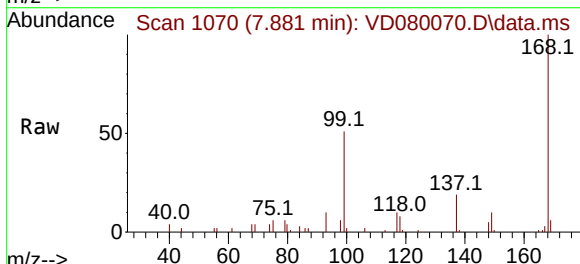
RT: 7.881 min Scan# 1070

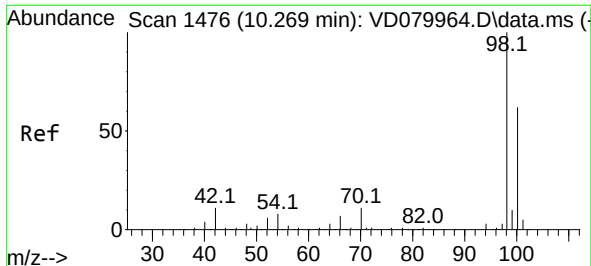
Delta R.T. -0.106 min

Lab File: VD080070.D

Acq: 18 Nov 2024 15:45

Tgt Ion: 117	Resp:	3700
Ion Ratio	Lower	Upper
117	100	
119	12.4	73.4 110.0#
121	0.0	24.5 36.7#

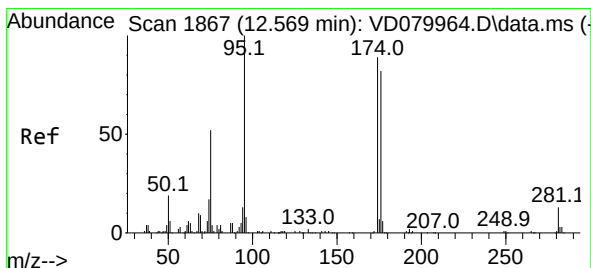
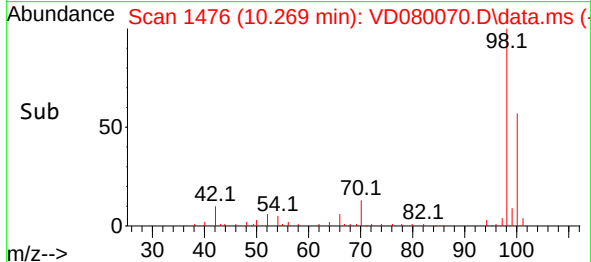
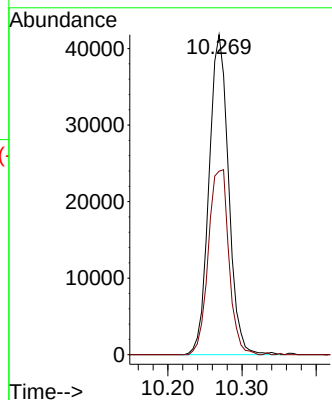
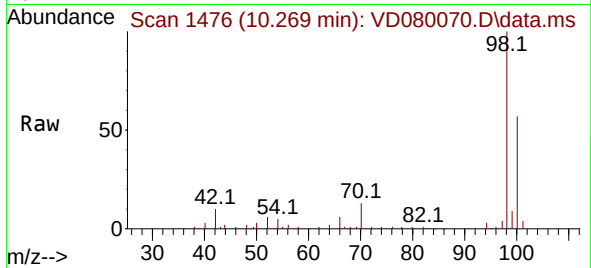




#50
Toluene-d8
Concen: 41.612 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

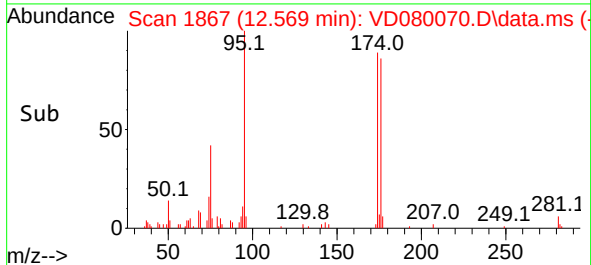
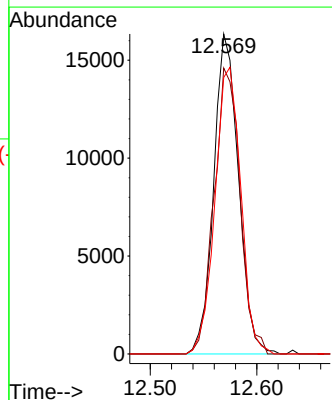
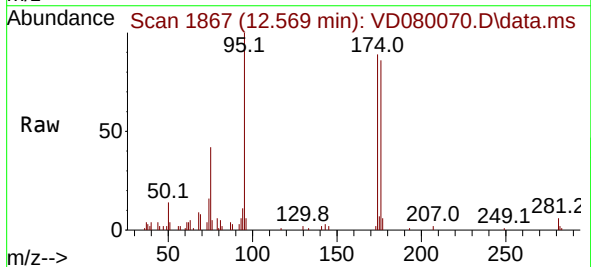
Instrument :
MSVOA_D
ClientSampleId :

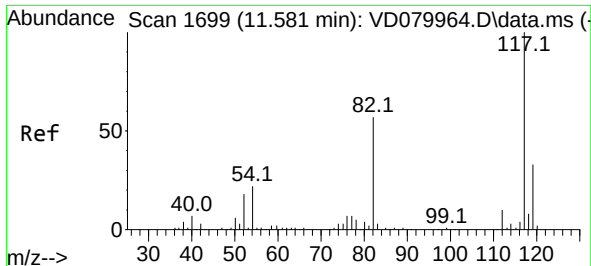
Tgt Ion: 98 Resp: 76573
Ion Ratio Lower Upper
98 100
100 60.8 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 43.812 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

Tgt Ion: 95 Resp: 26451
Ion Ratio Lower Upper
95 100
174 93.5 0.0 173.4
176 93.3 0.0 166.6

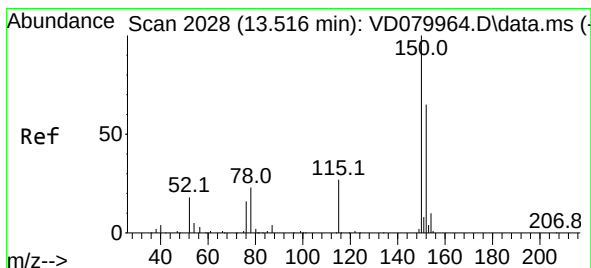
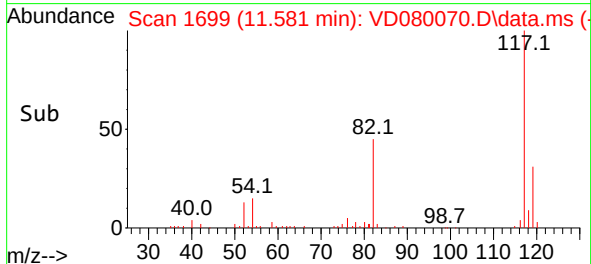
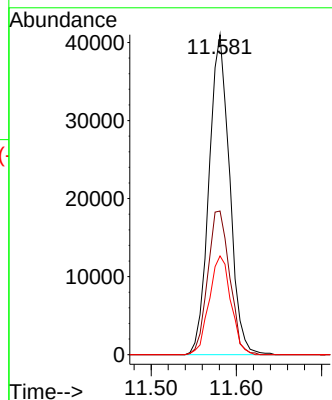
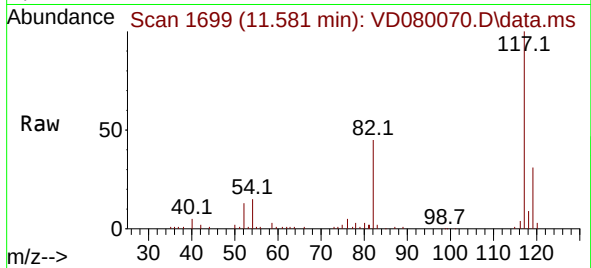




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

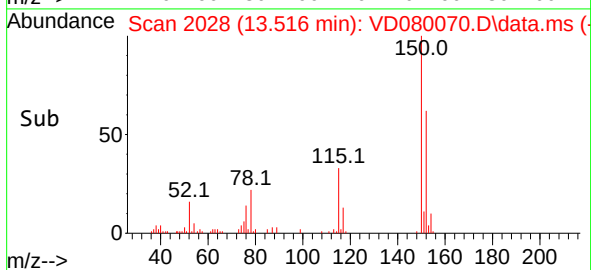
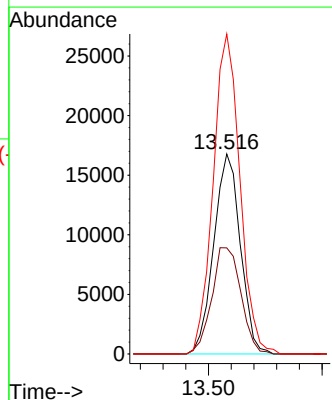
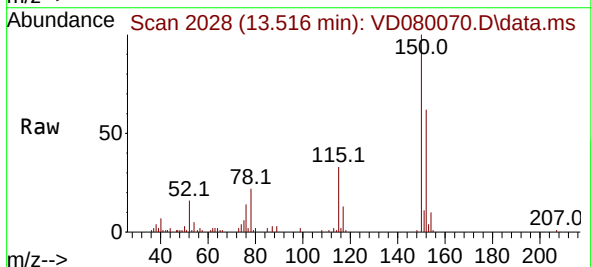
Instrument :
MSVOA_D
ClientSampleId :

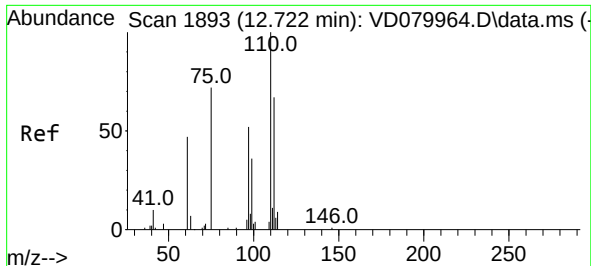
Tgt Ion:117 Resp: 68861
Ion Ratio Lower Upper
117 100
82 44.9 45.8 68.6#
119 30.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

Tgt Ion:152 Resp: 27221
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 161.1 0.0 354.8

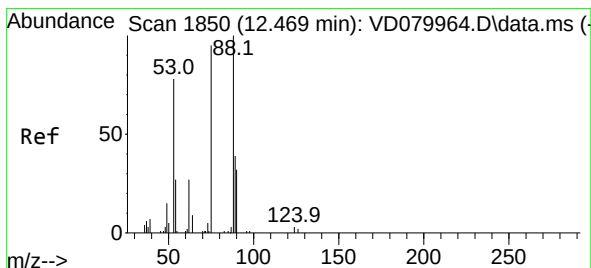
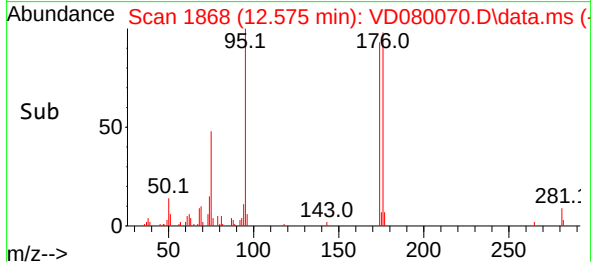
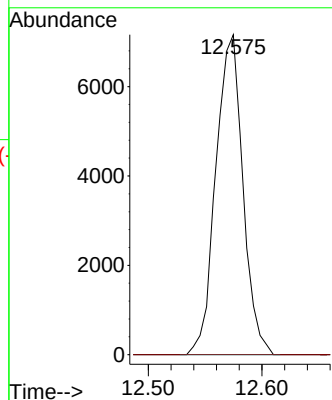
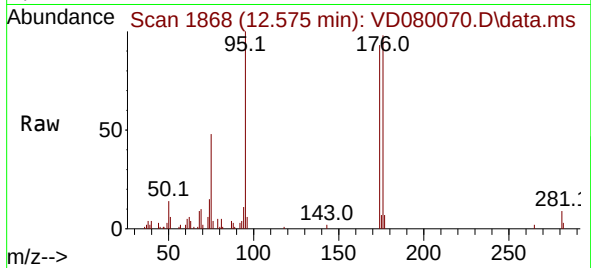




#76
1,2,3-Trichloropropane
Concen: 49.329 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

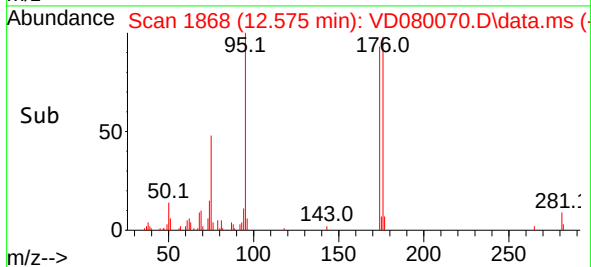
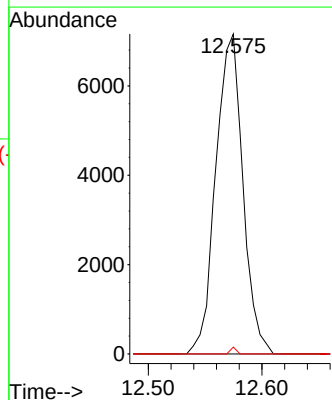
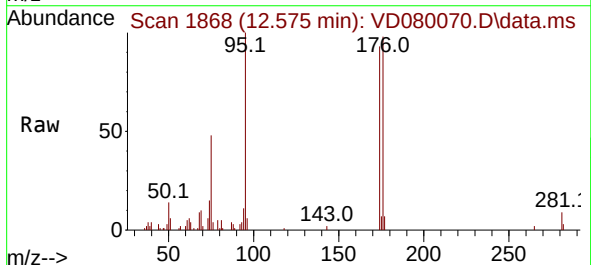
Instrument :
MSVOA_D
ClientSampleId :

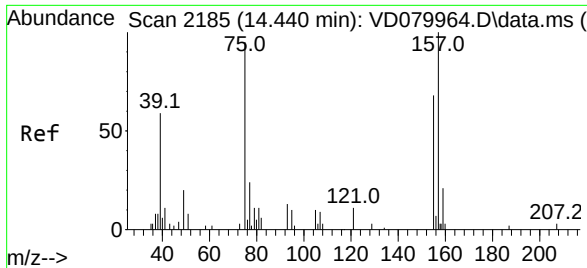
Tgt Ion: 75 Resp: 11857
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 100.958 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

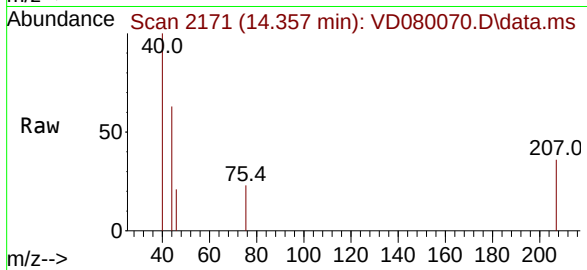
Tgt Ion: 75 Resp: 11857
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.5 36.1 54.1#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.137 ug/l
RT: 14.357 min Scan# 21
Delta R.T. -0.083 min
Lab File: VD080070.D
Acq: 18 Nov 2024 15:45

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
155 0.0 40.6 122.0#
157 0.0 53.3 159.9#

