

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080067.D
 Acq On : 18 Nov 2024 14:24
 Operator : RP/MD
 Sample : P4848-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:46:57 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)

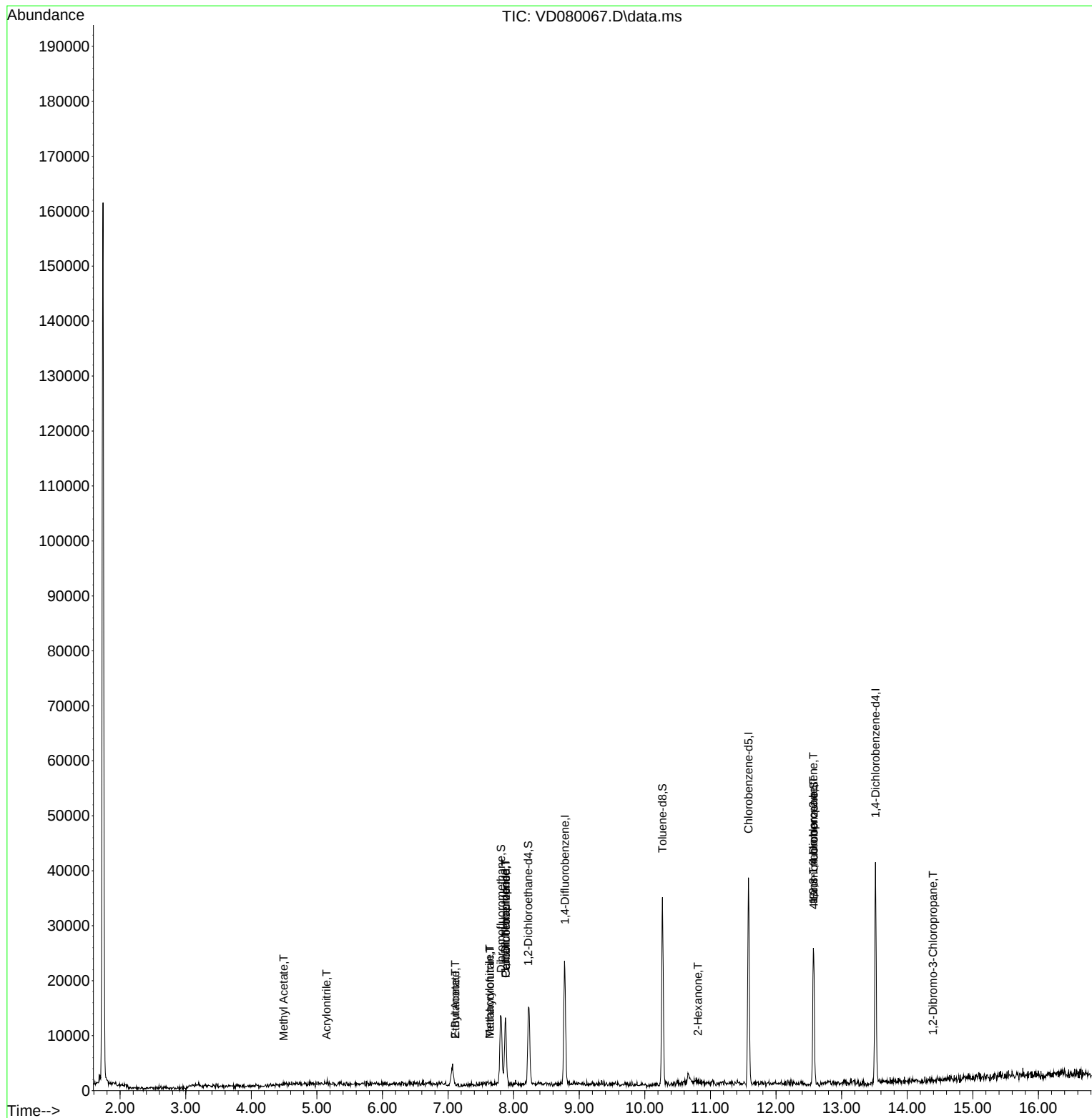
Internal Standards						
1) Pentafluorobenzene	7.881	168	9992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	20354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	21025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	11869	115.370	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 230.740%#			
35) Dibromofluoromethane	7.810	113	9101	67.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 134.360%			
50) Toluene-d8	10.269	98	23302	45.640	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.280%			
62) 4-Bromofluorobenzene	12.575	95	8306	49.586	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.180%			
Target Compounds						Qvalue
15) Acrylonitrile	5.146	53	55	2.565	ug/l #	17
18) Methyl Acetate	4.493	43	59	1.192	ug/l #	49
25) 2-Butanone	7.110	43	139	4.765	ug/l #	47
29) Tetrahydrofuran	7.640	42	54	3.380	ug/l #	32
36) 1,1-Dichloropropene	7.875	75	646	3.488	ug/l #	40
37) Ethyl Acetate	7.110	43	139	1.746	ug/l #	68
38) Carbon Tetrachloride	7.881	117	1008	4.981	ug/l #	14
41) Methacrylonitrile	7.634	41	56	1.303	ug/l #	19
59) 2-Hexanone	10.810	43	65	1.207	ug/l #	24
76) 1,2,3-Trichloropropane	12.569	75	3905	40.104	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	3905	82.079	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.392	75	59	2.855	ug/l #	2

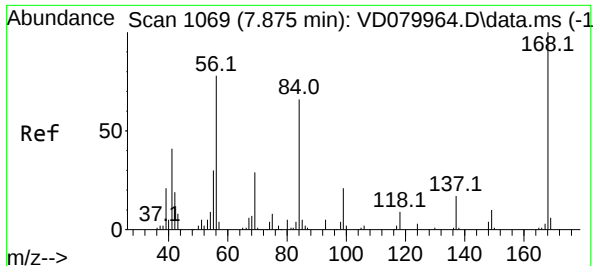
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 16:25:47 2024
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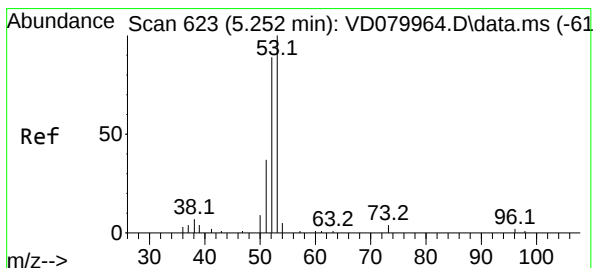
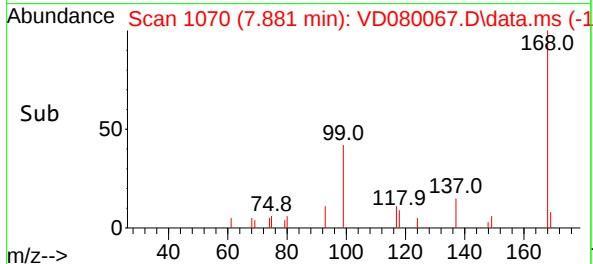
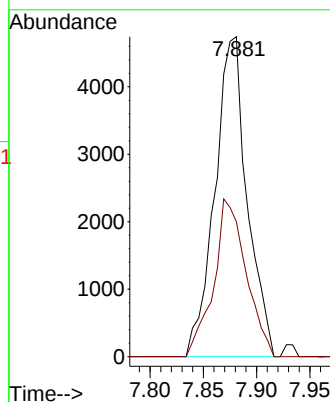
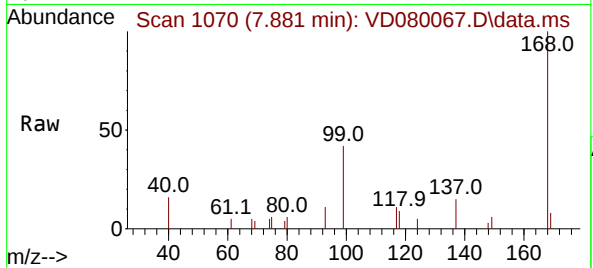




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

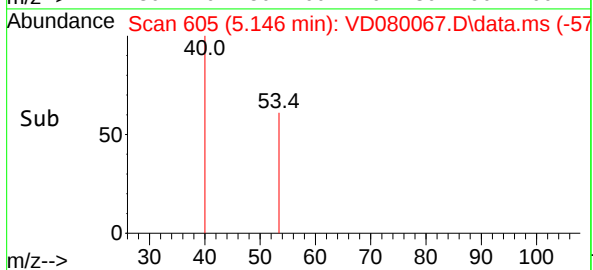
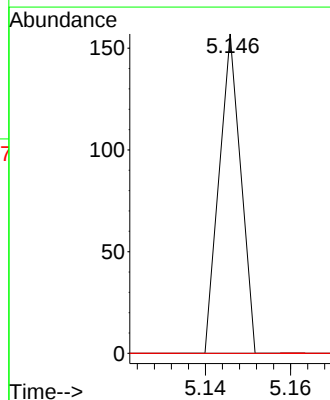
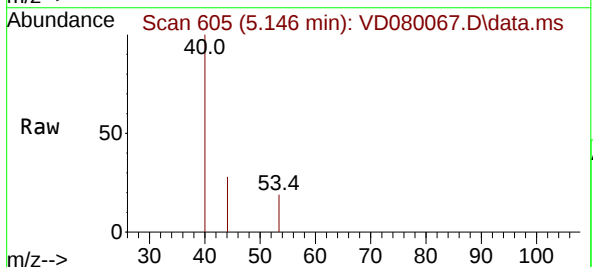
Instrument :
MSVOA_D
ClientSampleId :

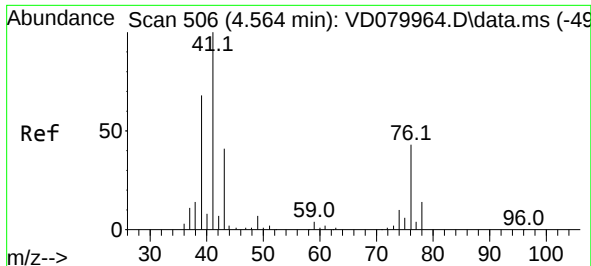
Tgt Ion:168 Resp: 9992
Ion Ratio Lower Upper
168 100
99 42.2 46.0 69.0#



#15
Acrylonitrile
Concen: 2.565 ug/l
RT: 5.146 min Scan# 605
Delta R.T. -0.106 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

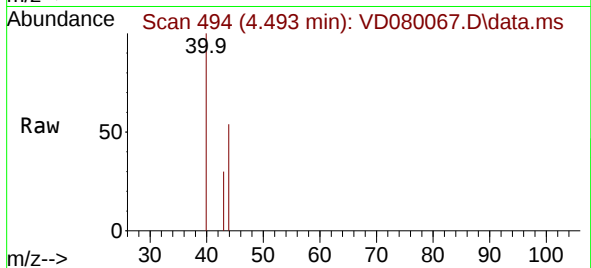
Tgt Ion: 53 Resp: 55
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.4#
51 0.0 30.3 45.5#



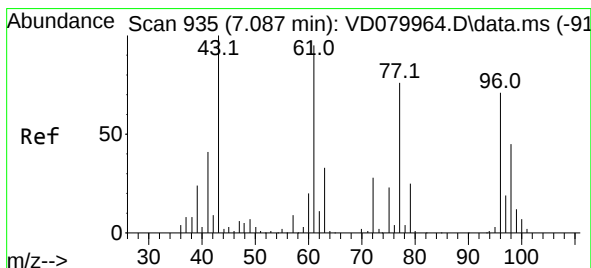
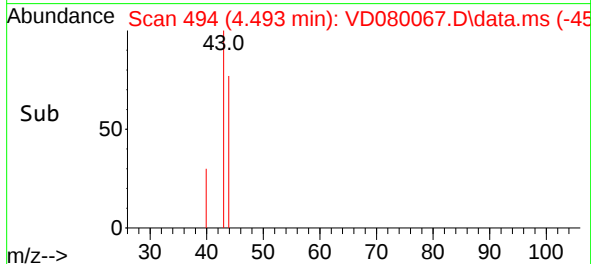
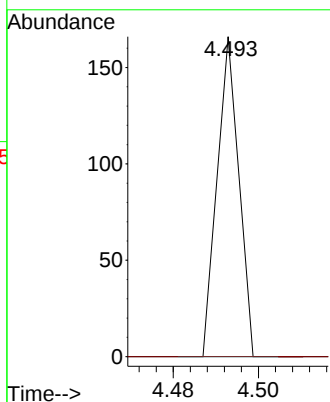


#18
Methyl Acetate
Concen: 1.192 ug/l
RT: 4.493 min Scan# 494
Delta R.T. -0.071 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

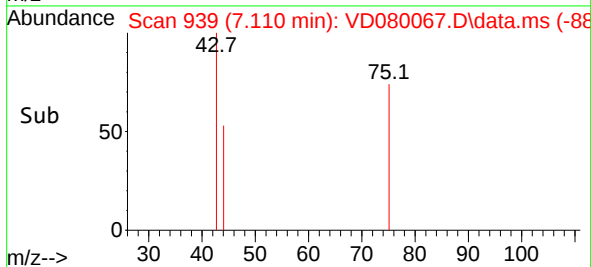
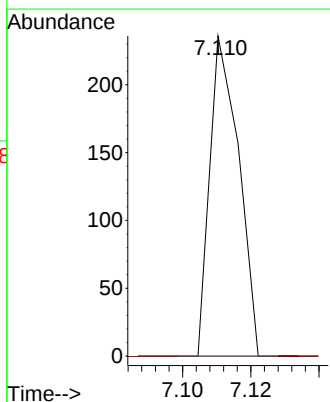
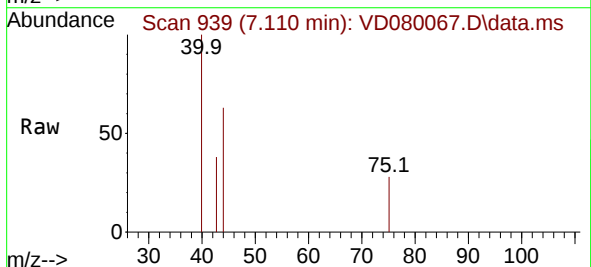


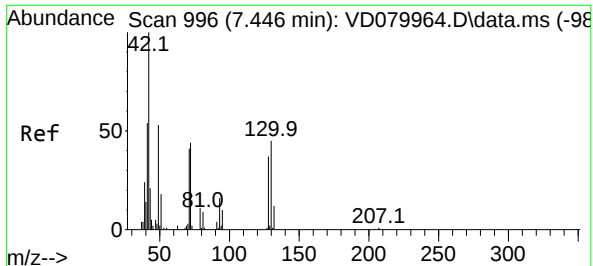
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 20.5 30.7#



#25
2-Butanone
Concen: 4.765 ug/l
RT: 7.110 min Scan# 939
Delta R.T. 0.023 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 3.380 ug/l

RT: 7.640 min Scan# 110

Delta R.T. 0.194 min

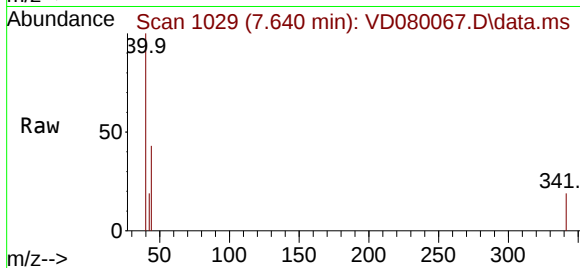
Lab File: VD080067.D

Acq: 18 Nov 2024 14:24

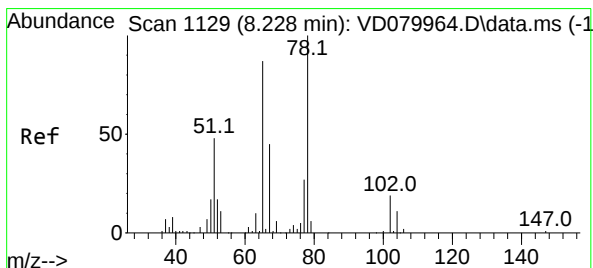
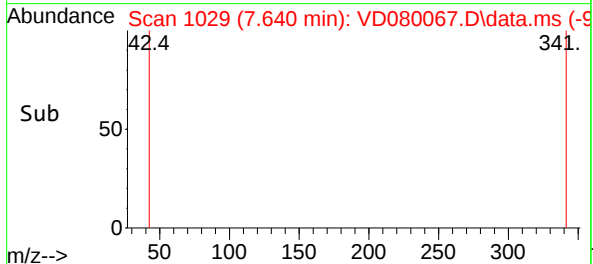
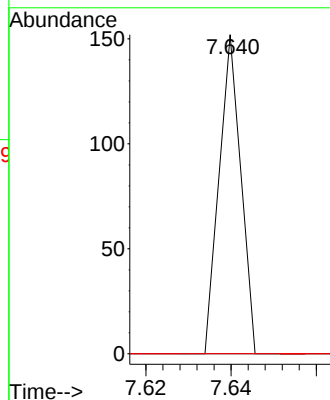
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	54
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.7	55.1#
71	0.0	34.4	51.6#



#33

1,2-Dichloroethane-d4

Concen: 115.370 ug/l

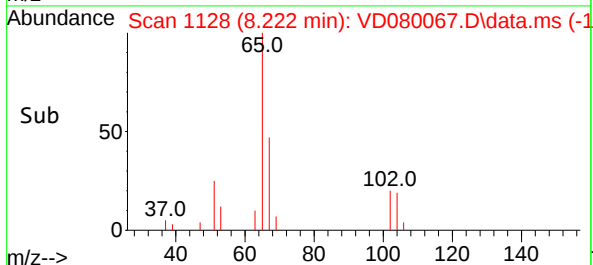
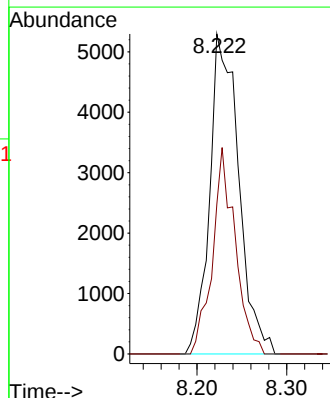
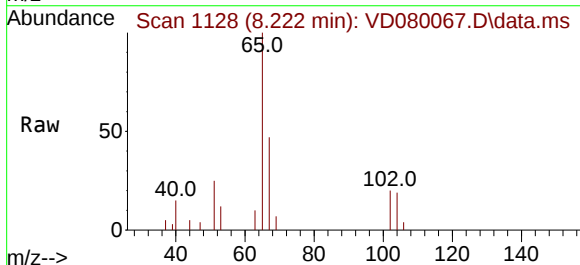
RT: 8.222 min Scan# 1128

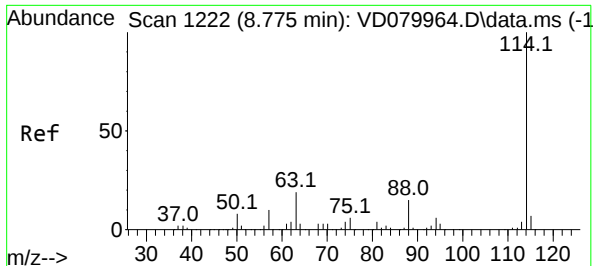
Delta R.T. -0.006 min

Lab File: VD080067.D

Acq: 18 Nov 2024 14:24

Tgt Ion:	65	Resp:	11869
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080067.D

Acq: 18 Nov 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

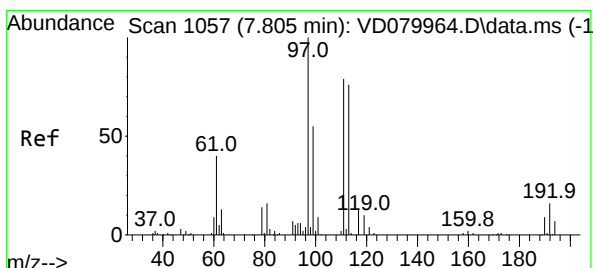
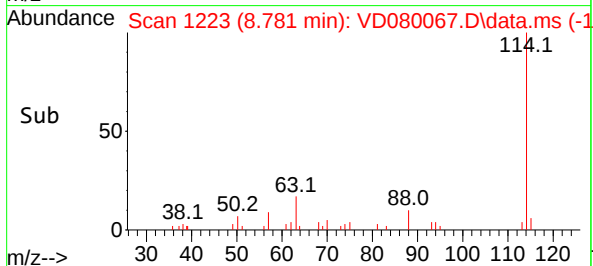
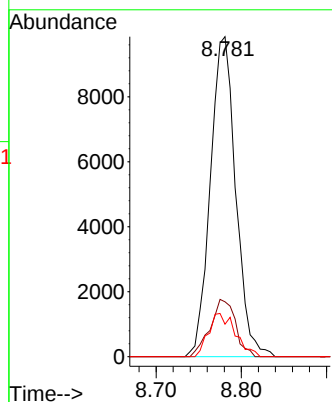
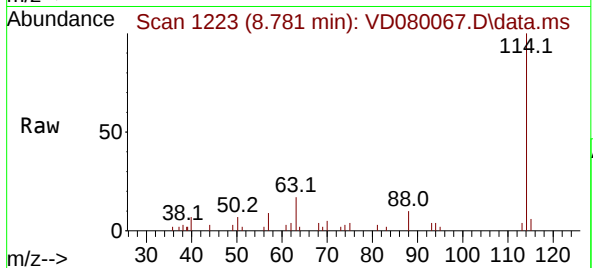
Tgt Ion:114 Resp: 20354

Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.8

88 10.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 67.185 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD080067.D

Acq: 18 Nov 2024 14:24

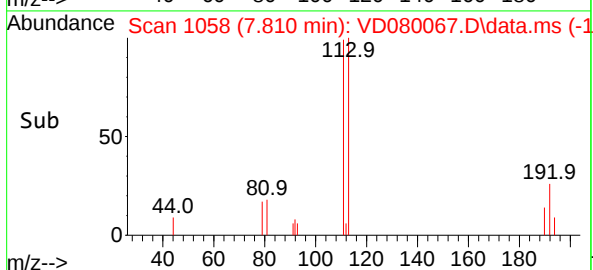
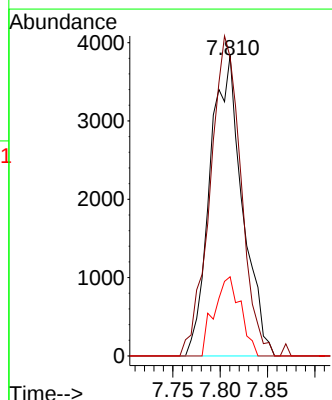
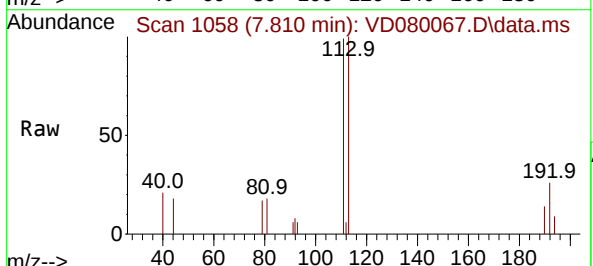
Tgt Ion:113 Resp: 9101

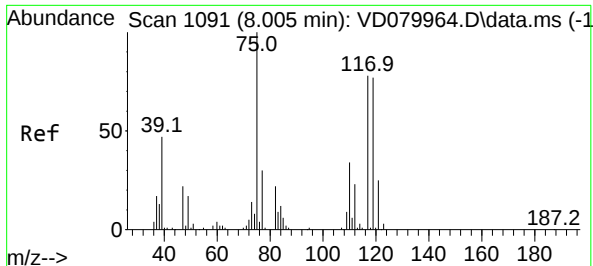
Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 21.5 16.6 25.0





#36

1,1-Dichloropropene

Concen: 3.488 ug/l

RT: 7.875 min Scan# 1091

Delta R.T. -0.130 min

Lab File: VD080067.D

Acq: 18 Nov 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

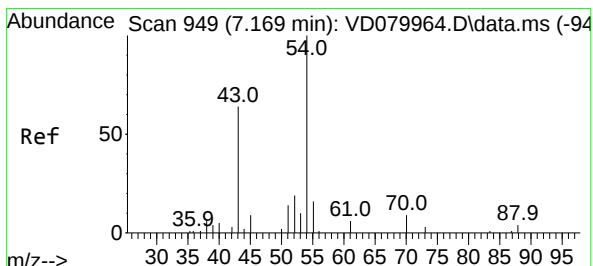
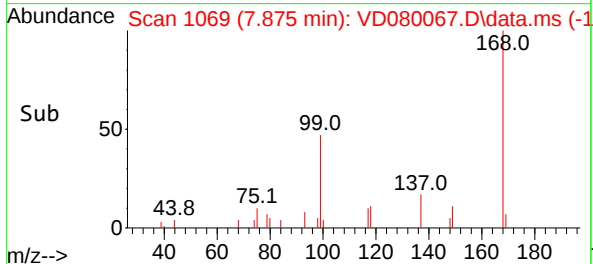
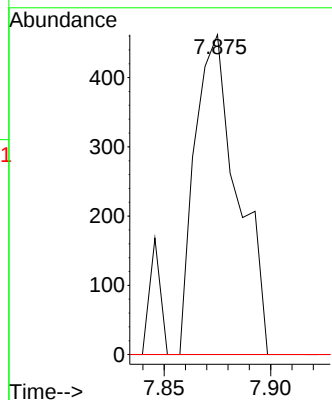
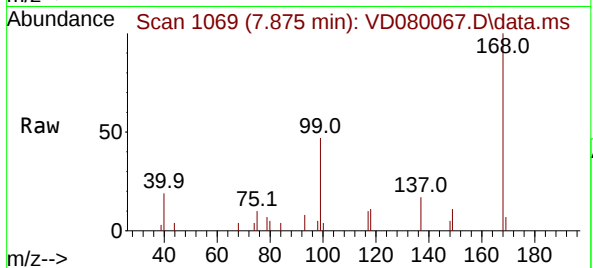
Tgt Ion: 75 Resp: 646

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.0#

77 0.0 25.6 38.4#



#37

Ethyl Acetate

Concen: 1.746 ug/l

RT: 7.110 min Scan# 939

Delta R.T. -0.059 min

Lab File: VD080067.D

Acq: 18 Nov 2024 14:24

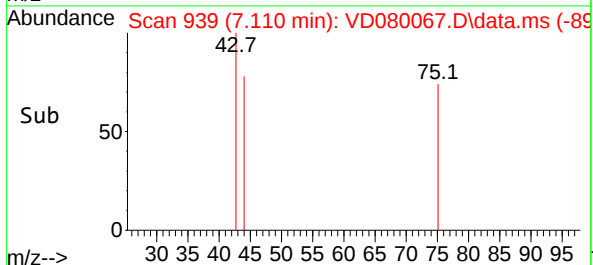
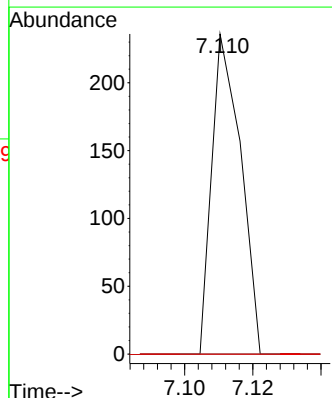
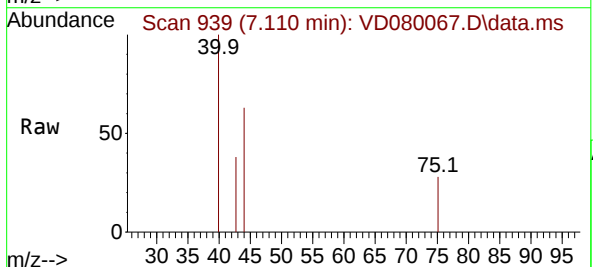
Tgt Ion: 43 Resp: 139

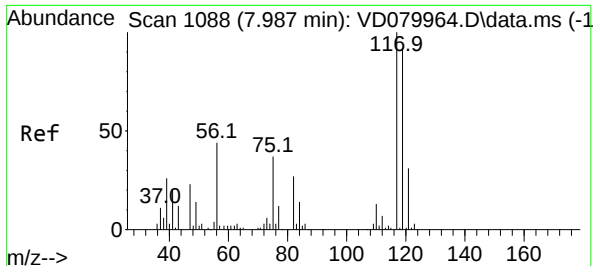
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

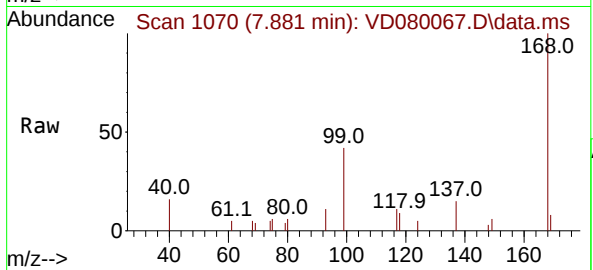
70 0.0 9.4 14.2#



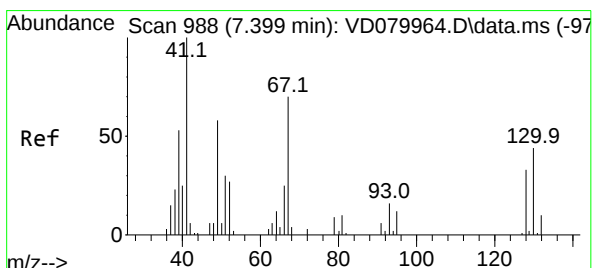
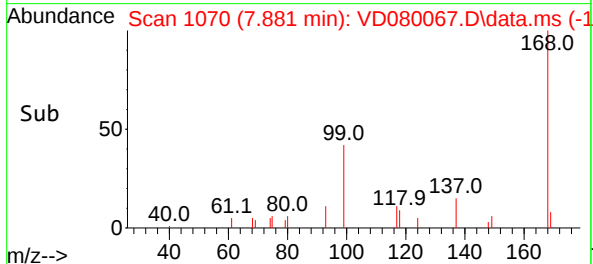
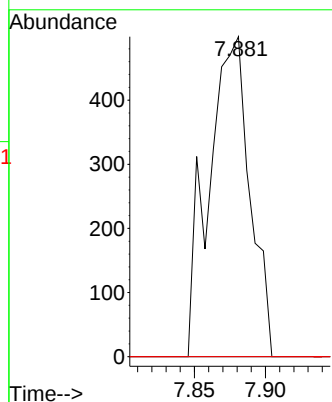


#38
Carbon Tetrachloride
Concen: 4.981 ug/l
RT: 7.881 min Scan# 1008
Delta R.T. -0.106 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

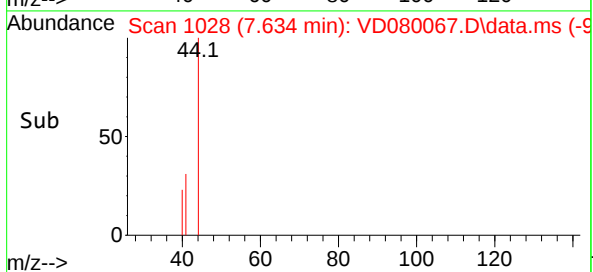
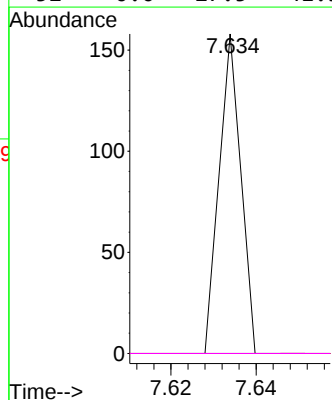
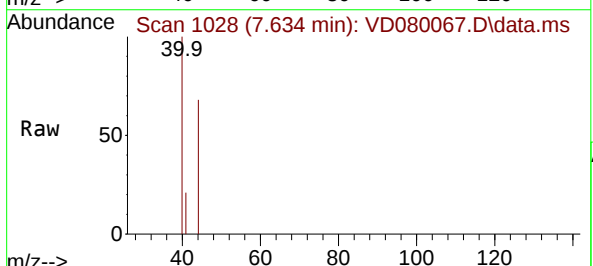


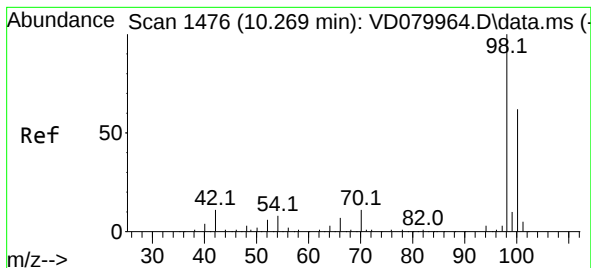
Tgt Ion:117 Resp: 1008
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.0#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 1.303 ug/l
RT: 7.634 min Scan# 1028
Delta R.T. 0.235 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 0.0 47.8 71.8#
67 0.0 64.9 97.3#
52 0.0 27.5 41.3#





#50

Toluene-d8

Concen: 45.640 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080067.D

Acq: 18 Nov 2024 14:24

Instrument :

MSVOA_D

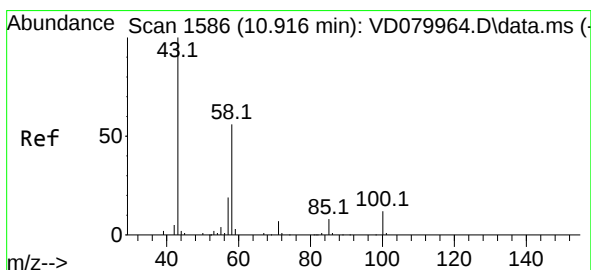
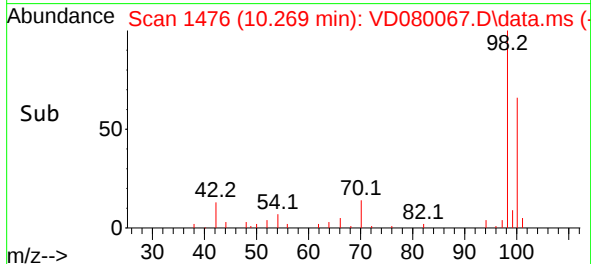
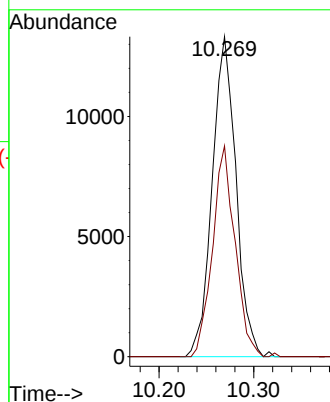
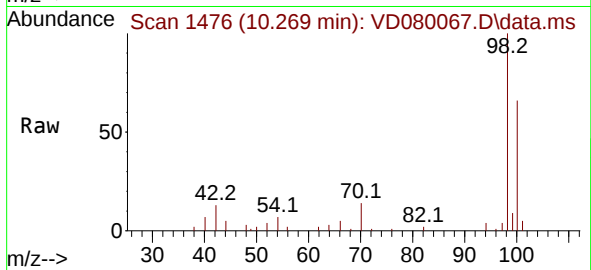
ClientSampleId :

Tgt Ion: 98 Resp: 23302

Ion Ratio Lower Upper

98 100

100 62.2 50.2 75.4



#59

2-Hexanone

Concen: 1.207 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.106 min

Lab File: VD080067.D

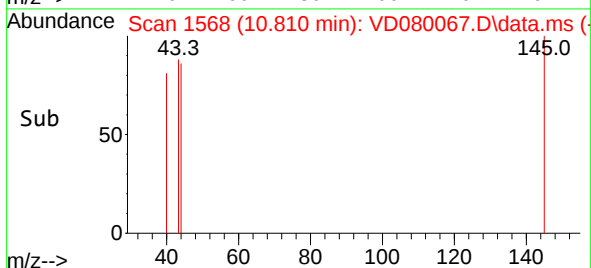
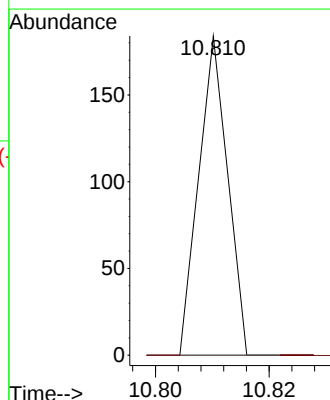
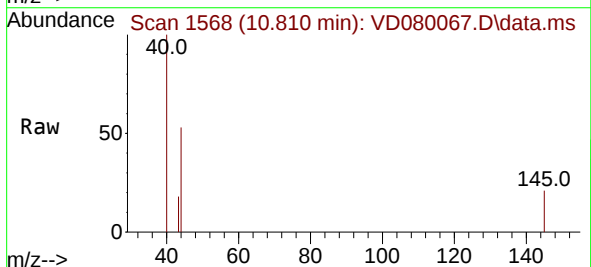
Acq: 18 Nov 2024 14:24

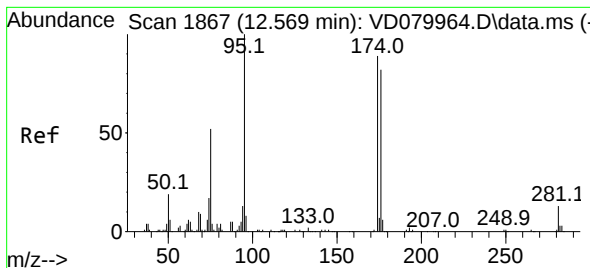
Tgt Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

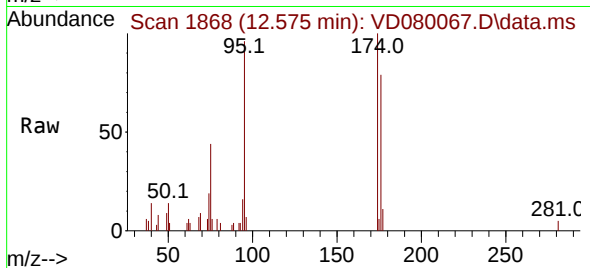
58 0.0 27.8 83.4#



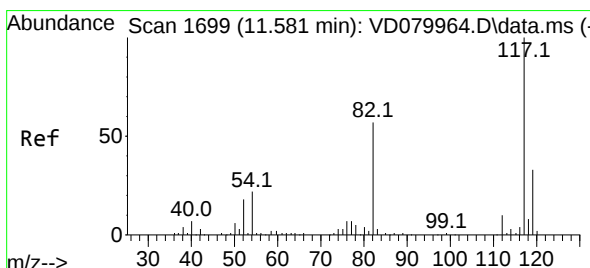
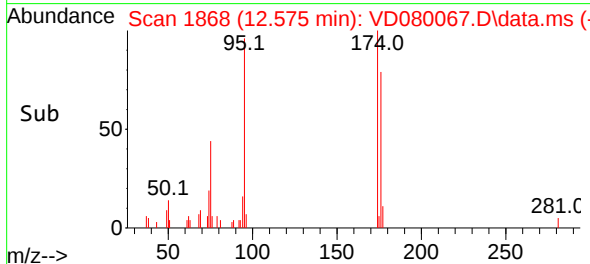
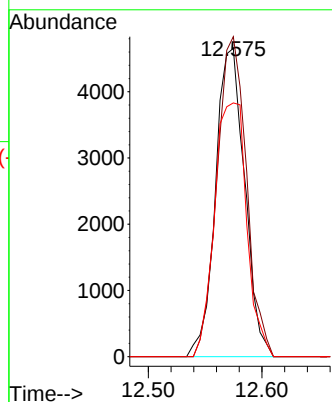


#62
4-Bromofluorobenzene
Concen: 49.586 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :

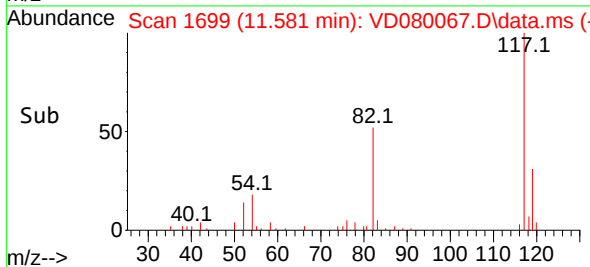
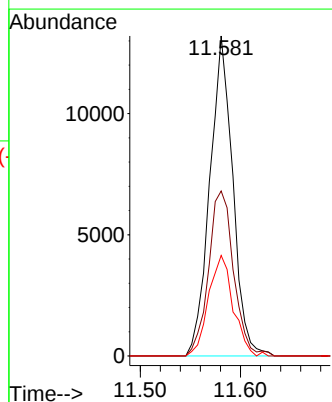
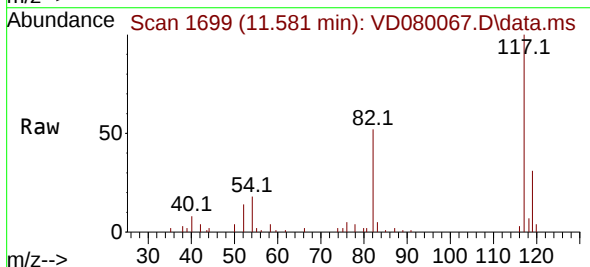


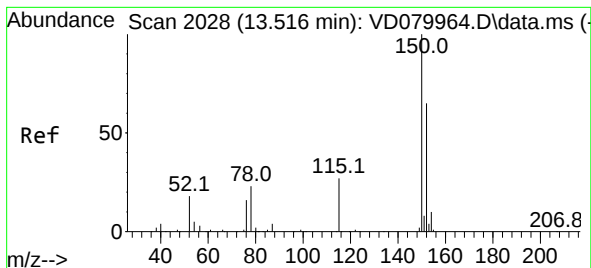
Tgt Ion: 95 Resp: 8306
Ion Ratio Lower Upper
95 100
174 104.4 0.0 173.4
176 90.7 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

Tgt Ion: 117 Resp: 21025
Ion Ratio Lower Upper
117 100
82 51.6 45.8 68.6
119 31.4 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD080067.D

Acq: 18 Nov 2024 14:24

Instrument :

MSVOA_D

ClientSampleId :

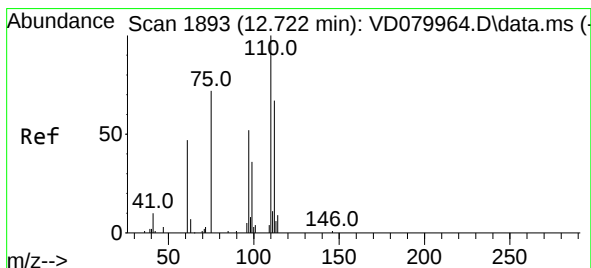
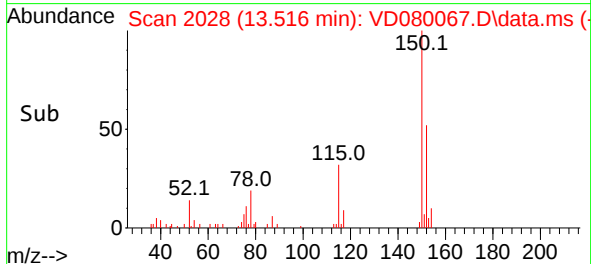
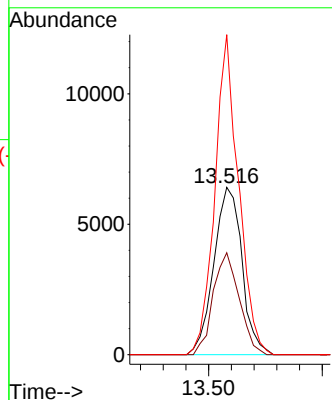
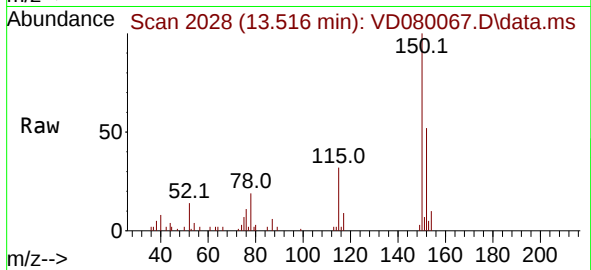
Tgt Ion:152 Resp: 11027

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.8

150 161.4 0.0 354.8



#76

1,2,3-Trichloropropane

Concen: 40.104 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD080067.D

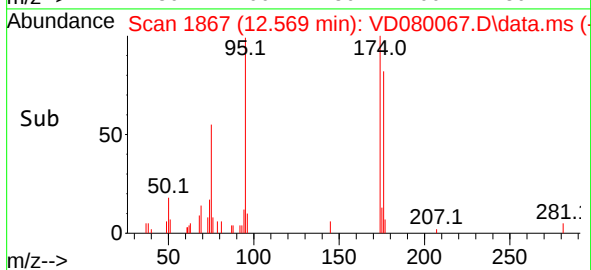
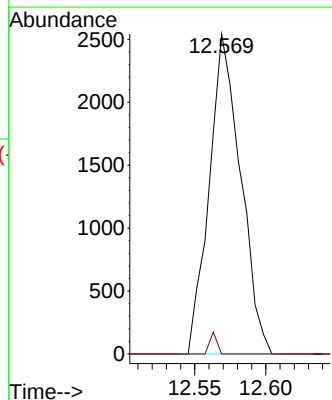
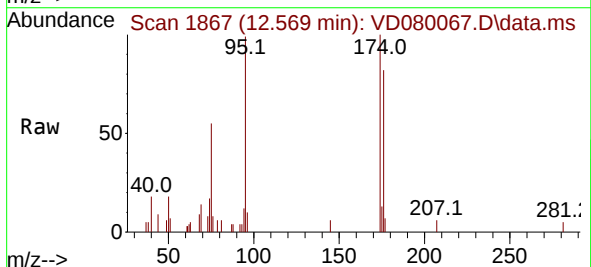
Acq: 18 Nov 2024 14:24

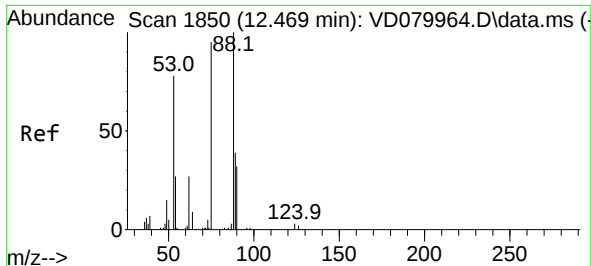
Tgt Ion: 75 Resp: 3905

Ion Ratio Lower Upper

75 100

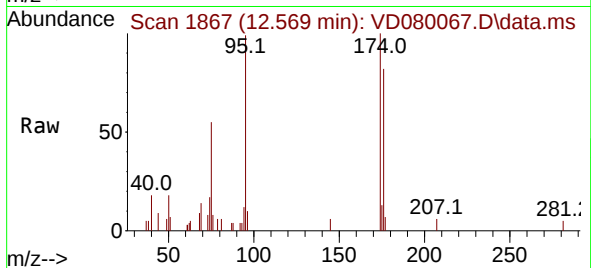
77 1.6 0.0 0.0#



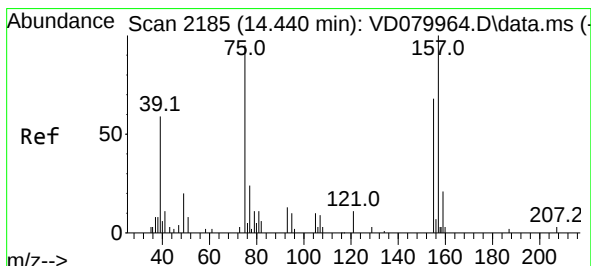
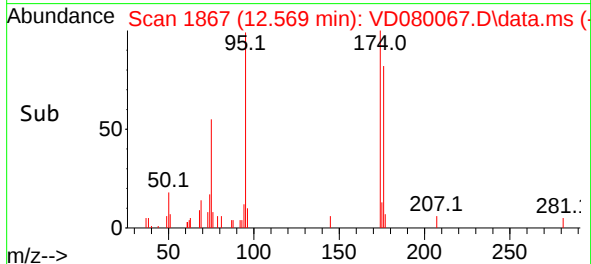
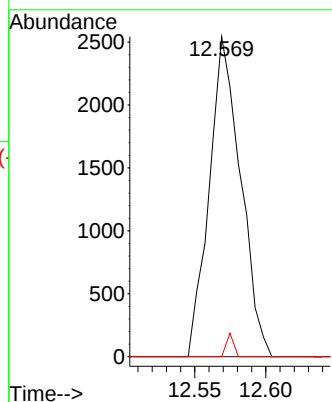


#81
trans-1,4-Dichloro-2-butene
Concen: 82.079 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 3905
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 1.7 36.1 54.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.855 ug/l
RT: 14.392 min Scan# 2177
Delta R.T. -0.048 min
Lab File: VD080067.D
Acq: 18 Nov 2024 14:24

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
155 0.0 40.6 122.0#
157 0.0 53.3 159.9#

