

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080069.D
 Acq On : 18 Nov 2024 15:18
 Operator : RP/MD
 Sample : P4852-02
 Misc : 5.18G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:47:43 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	10618	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	22667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	22496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15626	142.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	285.860%#
35) Dibromofluoromethane	7.810	113	13253	87.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	175.700%#
50) Toluene-d8	10.269	98	23672	41.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.260%
62) 4-Bromofluorobenzene	12.575	95	8925	47.844	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.680%

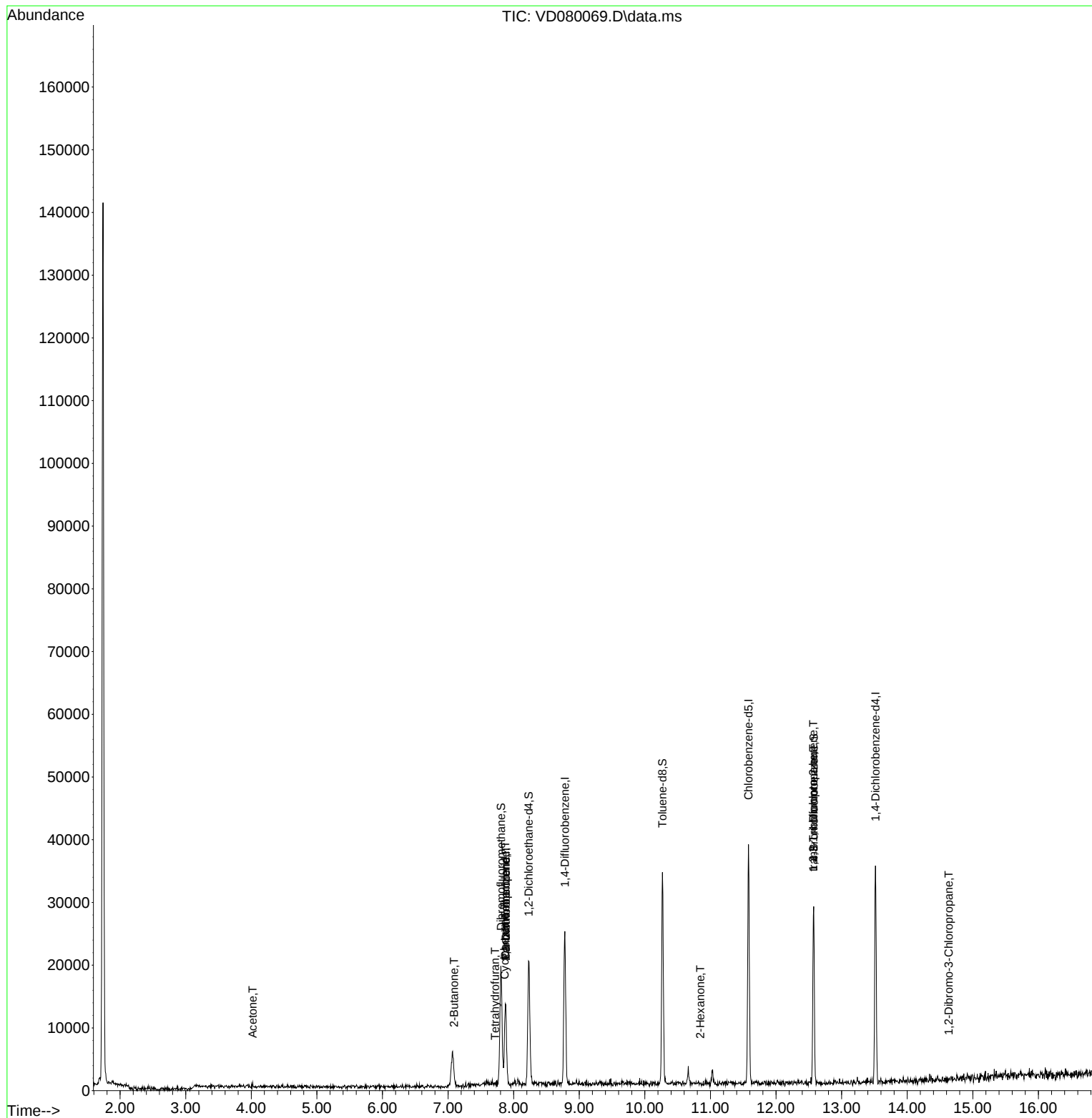
Target Compounds						Qvalue
16) Acetone	4.022	43	121	5.101	ug/l	# 43
25) 2-Butanone	7.093	43	63	2.032	ug/l	# 47
29) Tetrahydrofuran	7.716	42	53	3.121	ug/l	# 32
31) Cyclohexane	7.863	56	186	1.045	ug/l	# 15
36) 1,1-Dichloropropene	7.881	75	815	3.951	ug/l	# 40
38) Carbon Tetrachloride	7.875	117	846	3.754	ug/l	# 14
59) 2-Hexanone	10.845	43	69	1.150	ug/l	# 24
76) 1,2,3-Trichloropropane	12.569	75	4247	47.762	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	4247	97.751	ug/l	# 15
92) 1,2-Dibromo-3-Chloropr...	14.634	75	58	3.073	ug/l	# 2

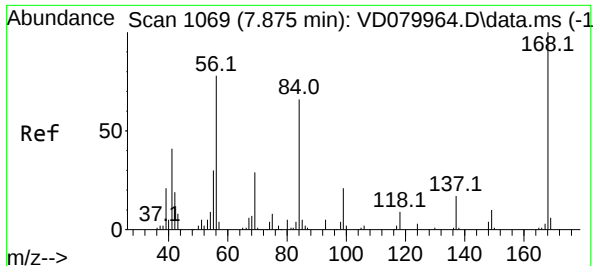
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
Data File : VD080069.D
Acq On : 18 Nov 2024 15:18
Operator : RP/MD
Sample : P4852-02
Misc : 5.18G/5ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

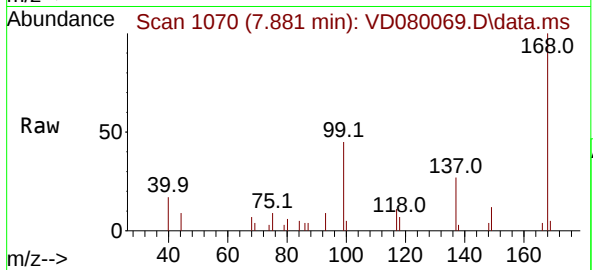
Quant Time: Nov 19 04:47:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration



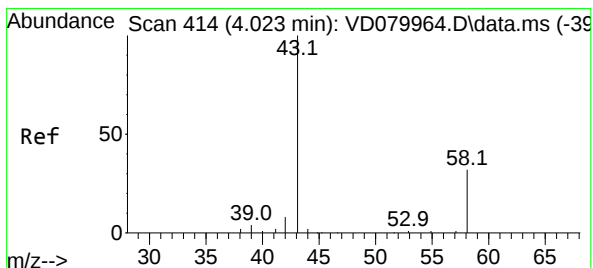
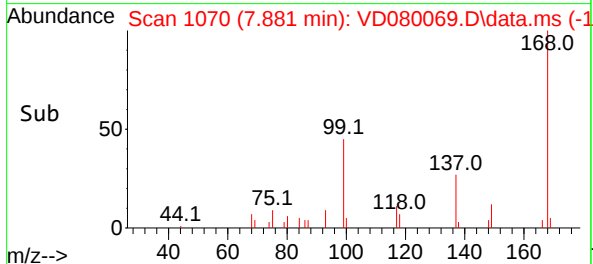
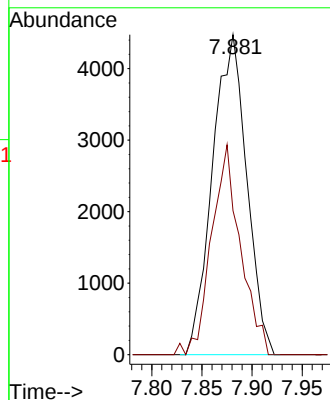


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10618
Delta R.T. 0.006 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

Instrument :
MSVOA_D
ClientSampleId :

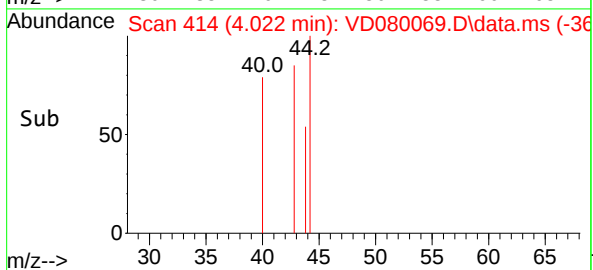
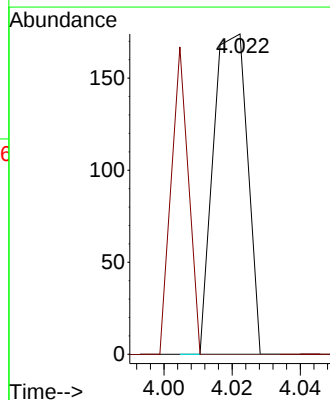
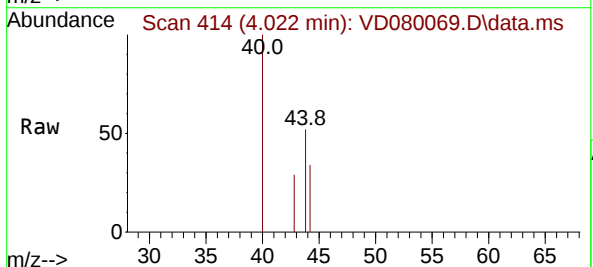


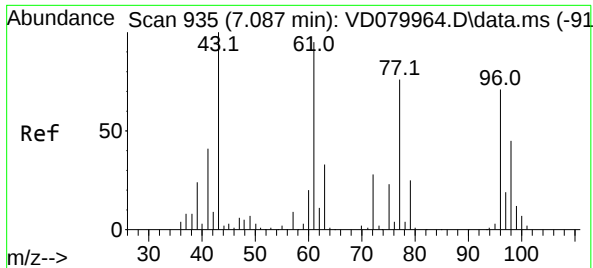
Tgt Ion:168 Resp: 10618
Ion Ratio Lower Upper
168 100
99 45.0 46.0 69.0#



#16
Acetone
Concen: 5.101 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#

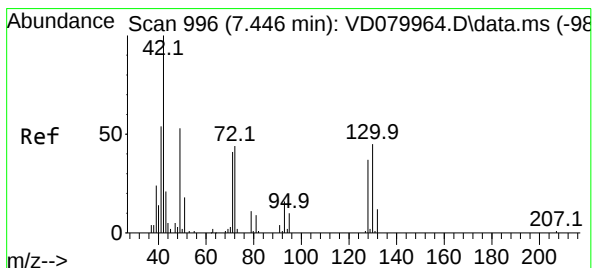
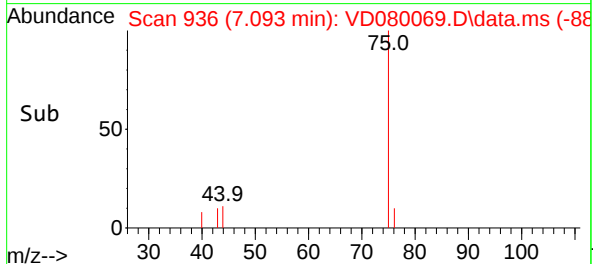
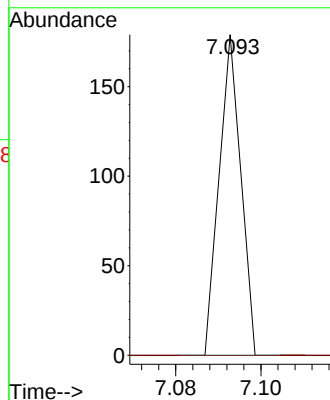
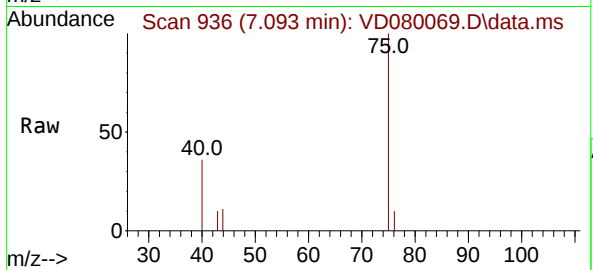




#25
2-Butanone
Concen: 2.032 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

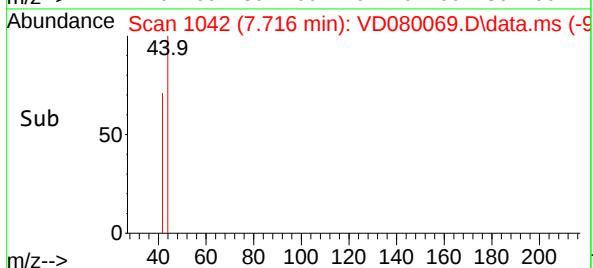
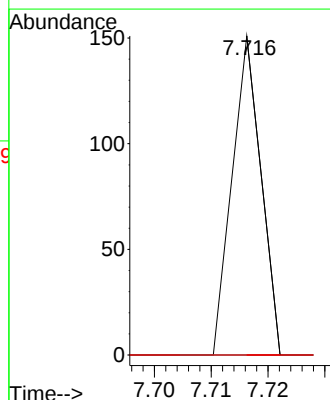
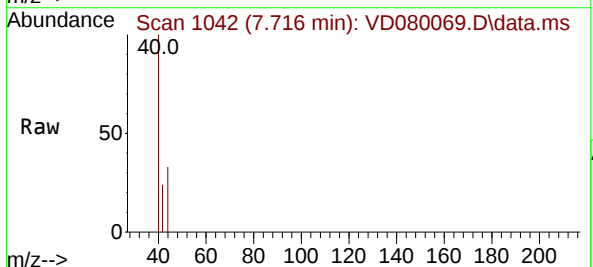
Instrument :
MSVOA_D
ClientSampleId :

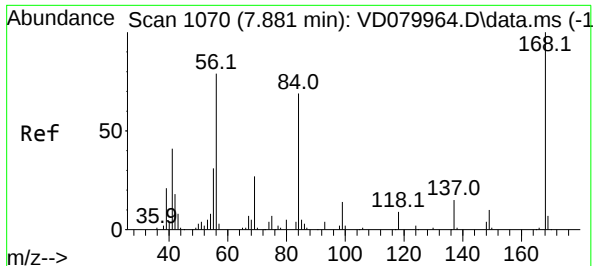
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#29
Tetrahydrofuran
Concen: 3.121 ug/l
RT: 7.716 min Scan# 1042
Delta R.T. 0.270 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

Tgt Ion: 42 Resp: 53
Ion Ratio Lower Upper
42 100
72 0.0 36.7 55.1#
71 0.0 34.4 51.6#





#31

Cyclohexane

Concen: 1.045 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.018 min

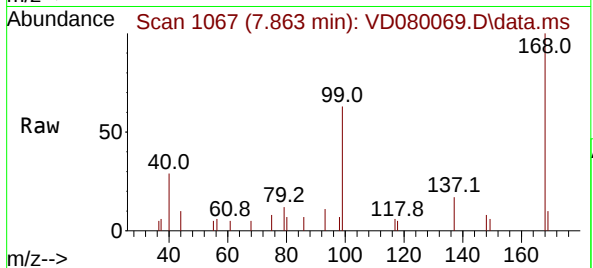
Lab File: VD080069.D

Acq: 18 Nov 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :



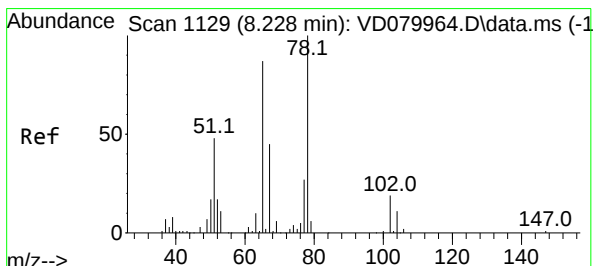
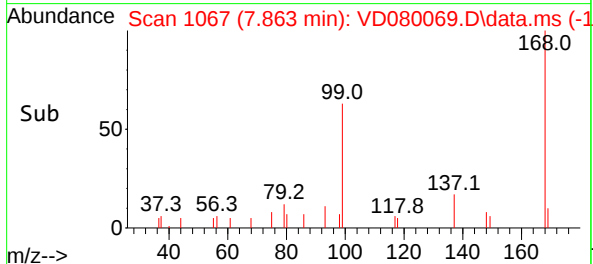
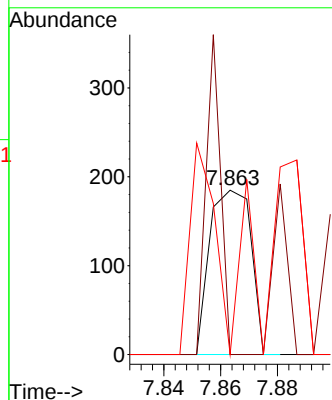
Tgt Ion: 56 Resp: 186

Ion Ratio Lower Upper

56 100

69 0.0 27.3 40.9#

84 0.0 70.2 105.4#



#33

1,2-Dichloroethane-d4

Concen: 142.935 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD080069.D

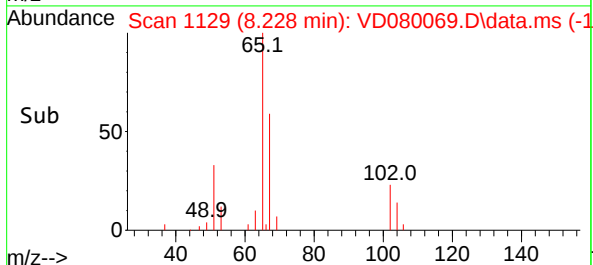
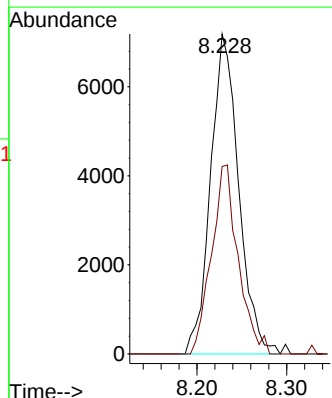
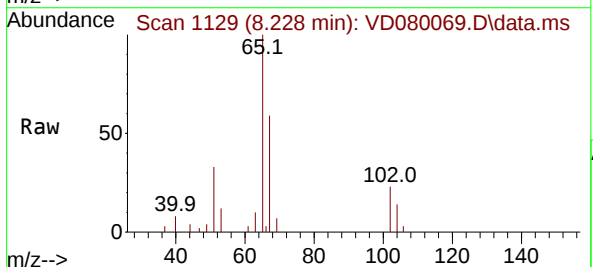
Acq: 18 Nov 2024 15:18

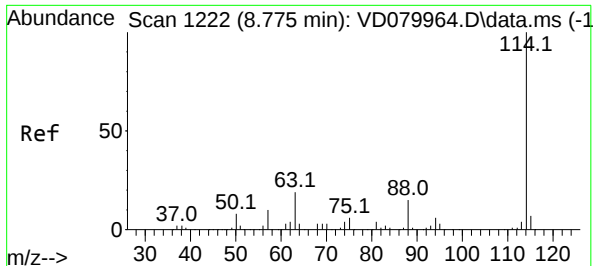
Tgt Ion: 65 Resp: 15626

Ion Ratio Lower Upper

65 100

67 56.1 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: VD080069.D

Acq: 18 Nov 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :

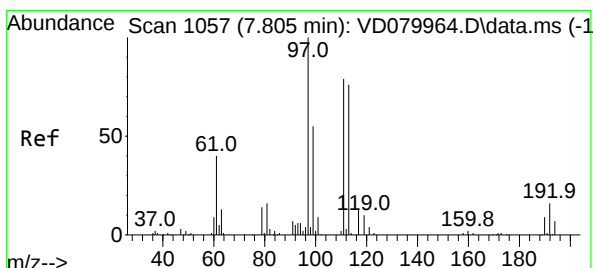
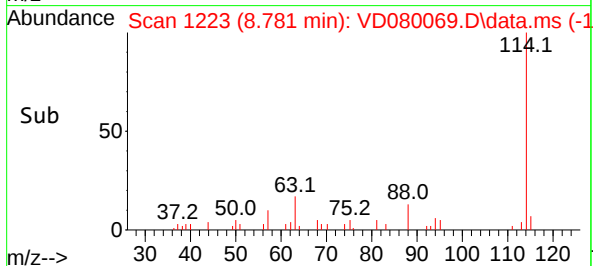
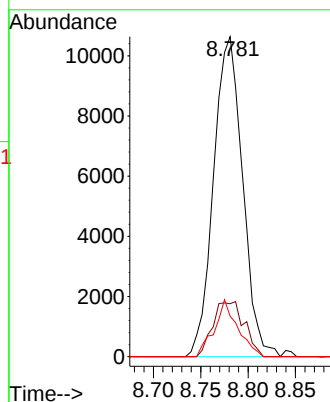
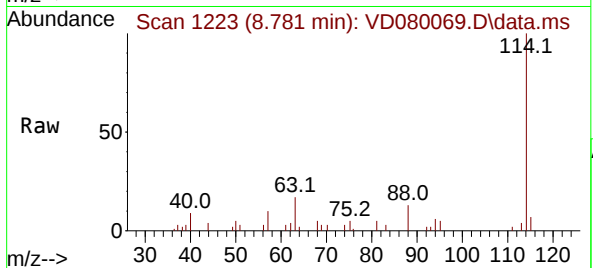
Tgt Ion:114 Resp: 22667

Ion Ratio Lower Upper

114 100

63 16.5 0.0 38.8

88 12.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 87.852 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD080069.D

Acq: 18 Nov 2024 15:18

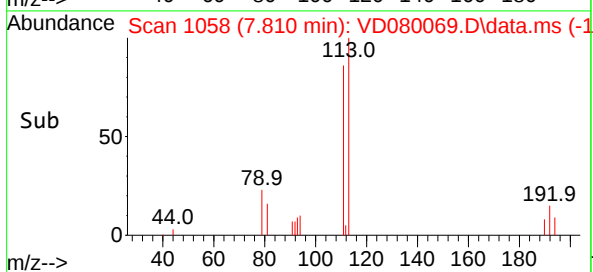
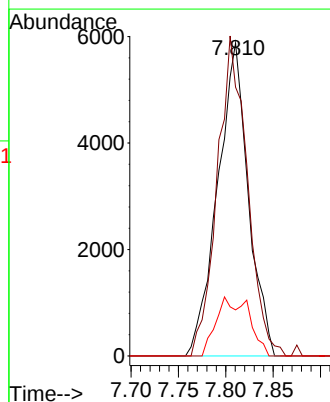
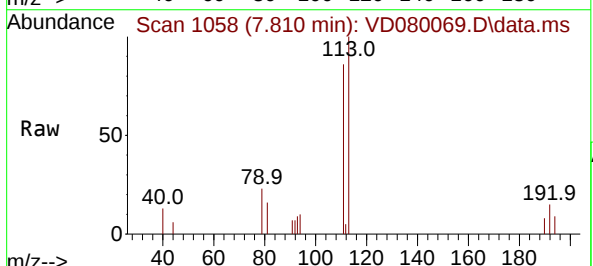
Tgt Ion:113 Resp: 13253

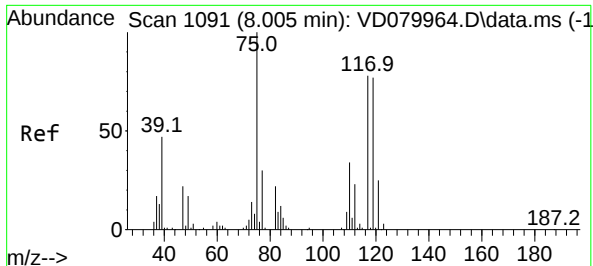
Ion Ratio Lower Upper

113 100

111 99.8 82.5 123.7

192 20.1 16.6 25.0





#36

1,1-Dichloropropene

Concen: 3.951 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD080069.D

Acq: 18 Nov 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :

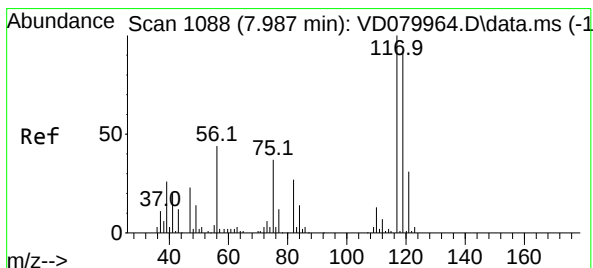
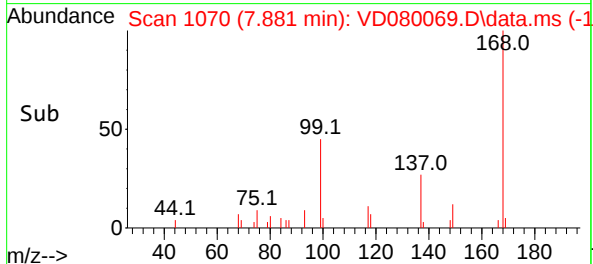
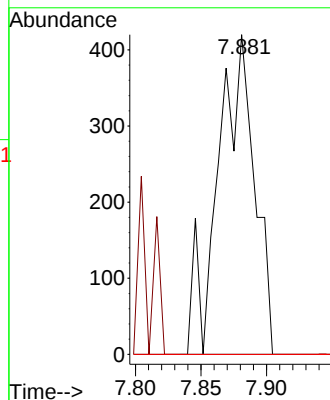
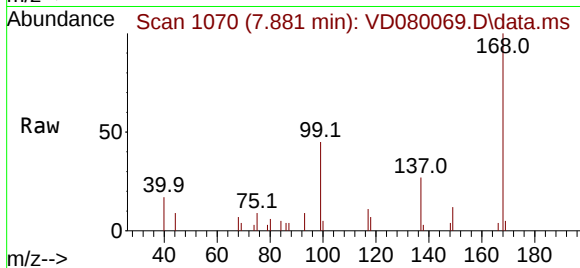
Tgt Ion: 75 Resp: 815

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 3.754 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080069.D

Acq: 18 Nov 2024 15:18

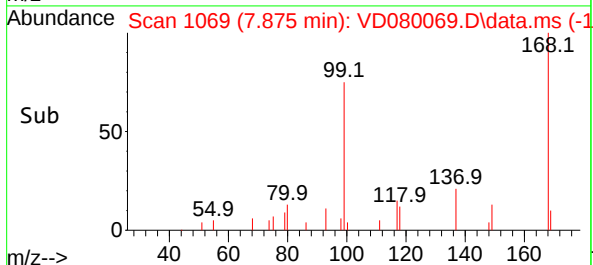
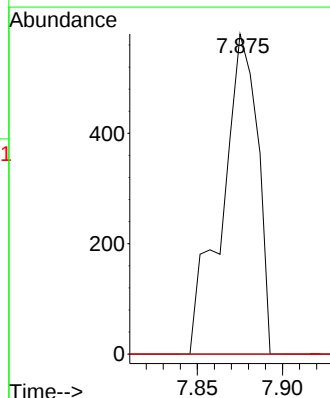
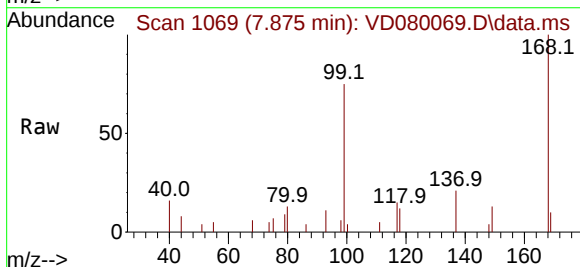
Tgt Ion: 117 Resp: 846

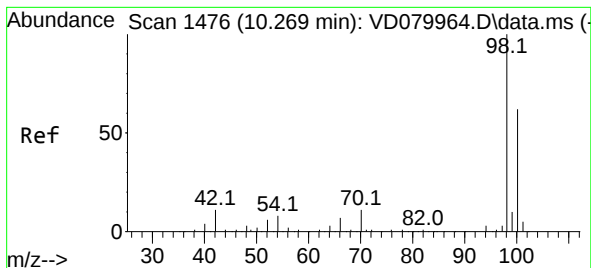
Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.0#

121 0.0 24.5 36.7#

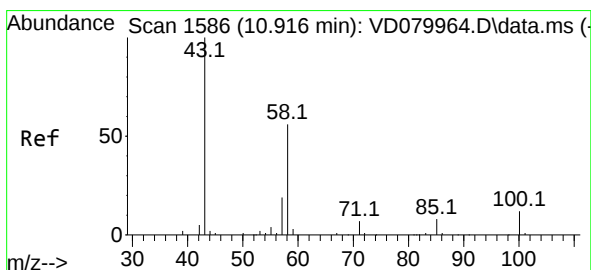
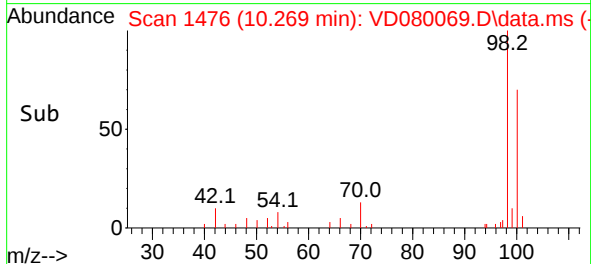
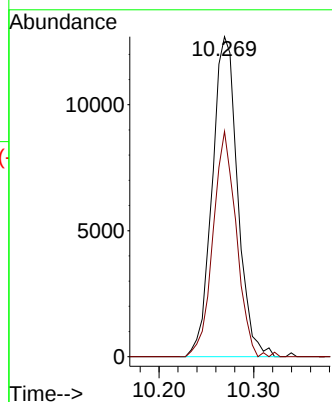
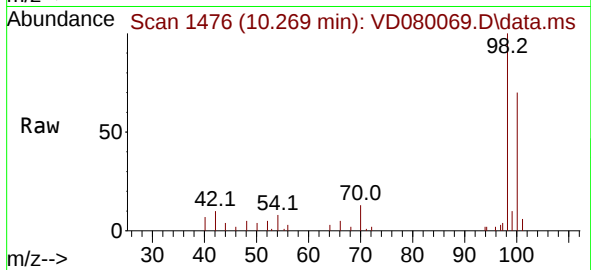




#50
Toluene-d8
Concen: 41.634 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

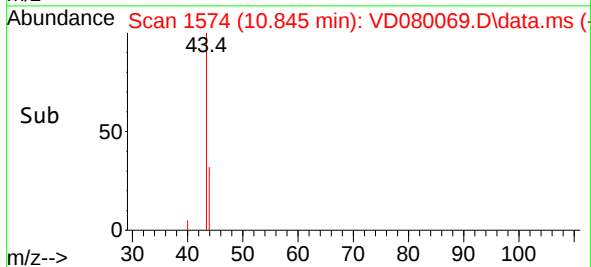
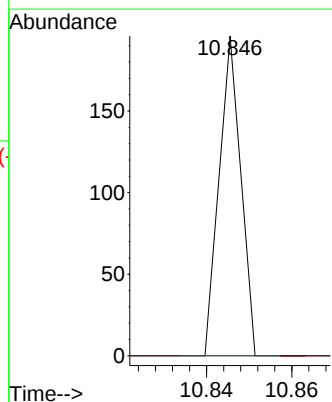
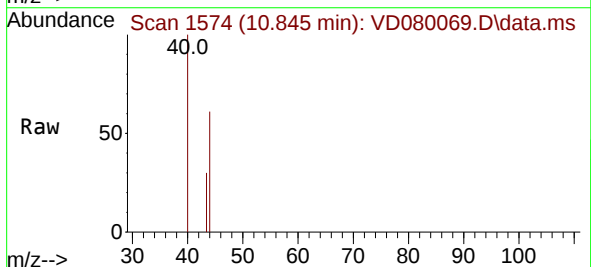
Instrument :
MSVOA_D
ClientSampleId :

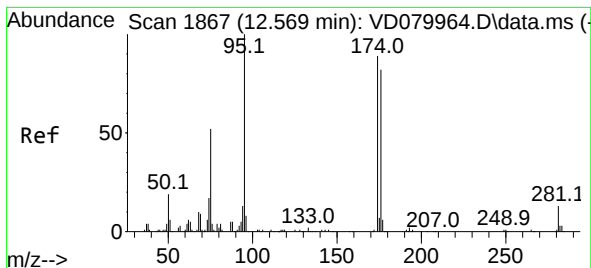
Tgt Ion: 98 Resp: 23672
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.4



#59
2-Hexanone
Concen: 1.150 ug/l
RT: 10.845 min Scan# 1574
Delta R.T. -0.071 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
58 0.0 27.8 83.4#

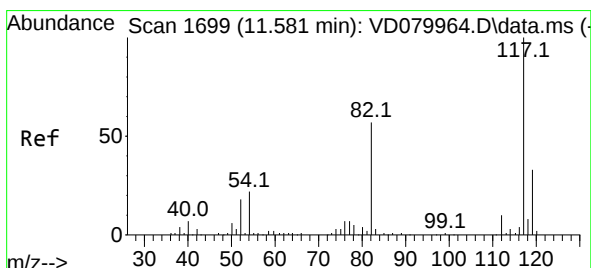
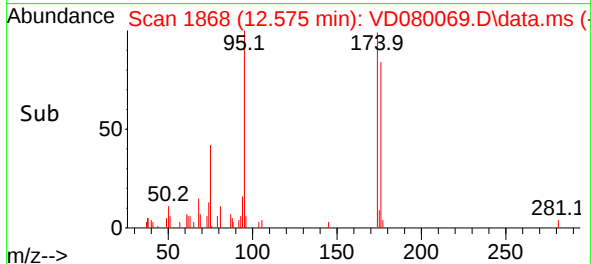
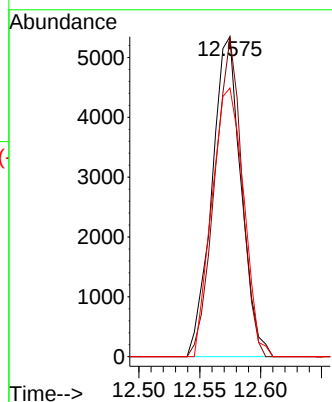
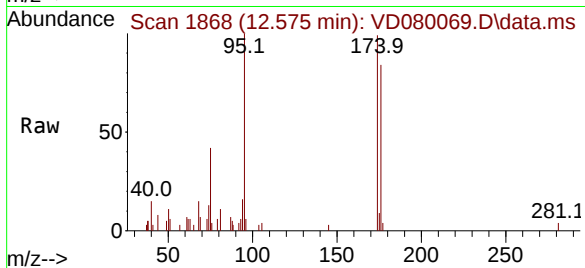




#62
4-Bromofluorobenzene
Concen: 47.844 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

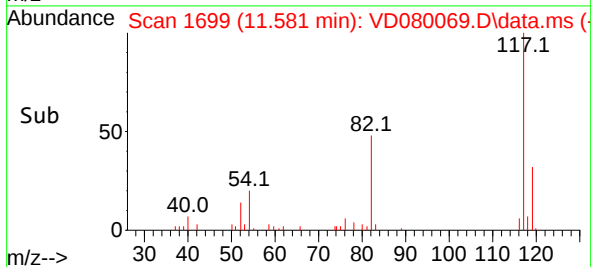
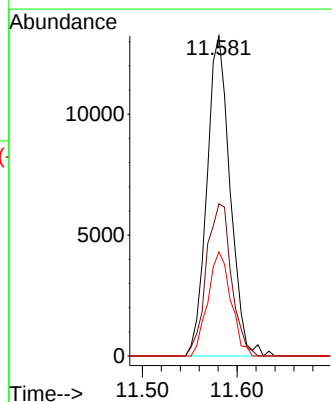
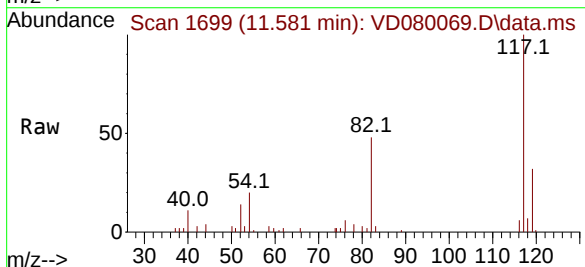
Instrument :
MSVOA_D
ClientSampleId :

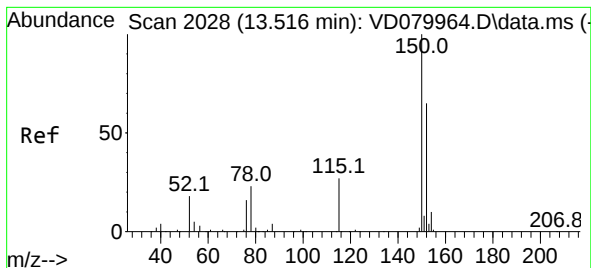
Tgt Ion:	95	Resp:	8925
Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	173.4
176	91.2	0.0	166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

Tgt Ion:	117	Resp:	22496
Ion	Ratio	Lower	Upper
117	100		
82	47.5	45.8	68.6
119	32.5	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

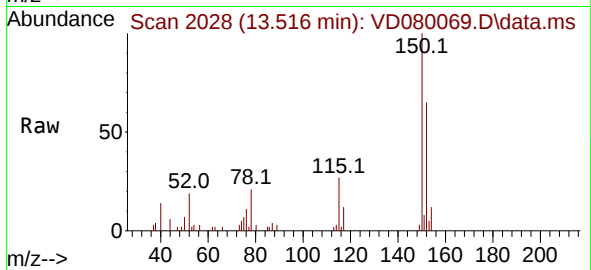
Lab File: VD080069.D

Acq: 18 Nov 2024 15:18

Instrument :

MSVOA_D

ClientSampleId :



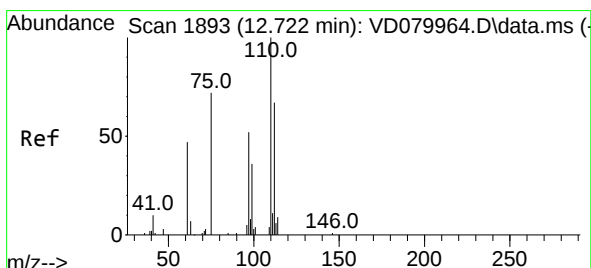
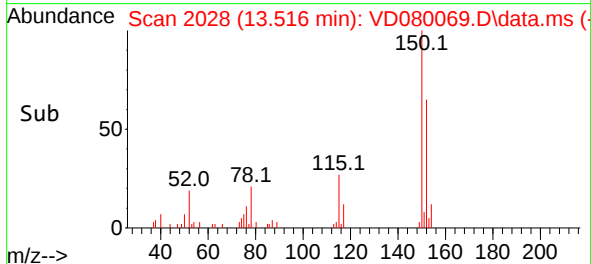
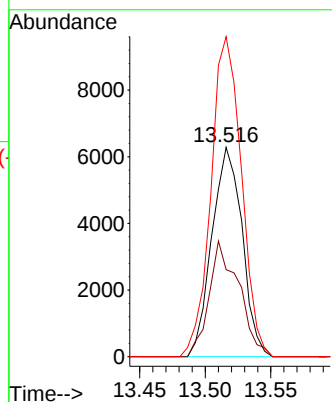
Tgt Ion:152 Resp: 10070

Ion Ratio Lower Upper

152 100

115 54.5 28.9 86.8

150 153.9 0.0 354.8



#76

1,2,3-Trichloropropane

Concen: 47.762 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD080069.D

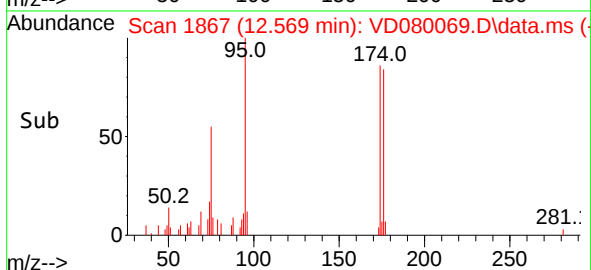
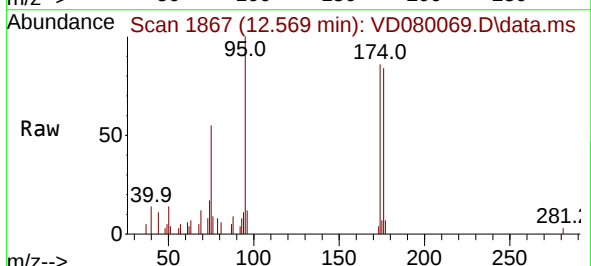
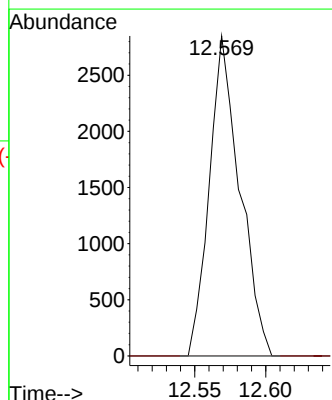
Acq: 18 Nov 2024 15:18

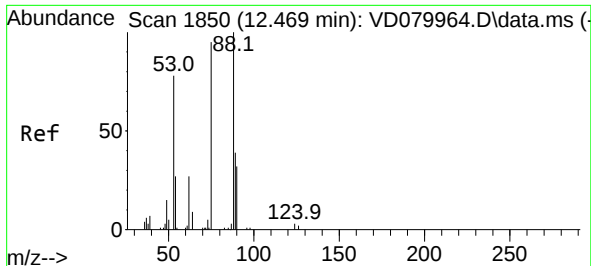
Tgt Ion: 75 Resp: 4247

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

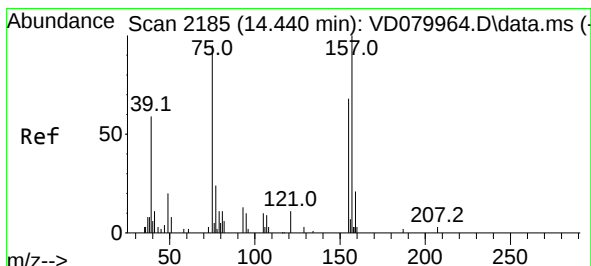
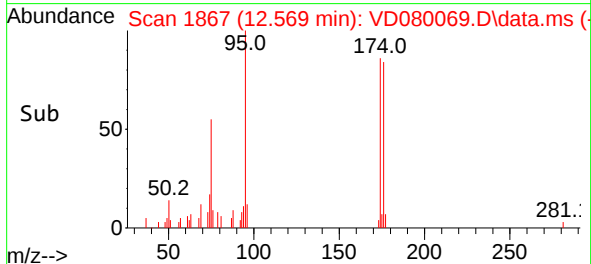
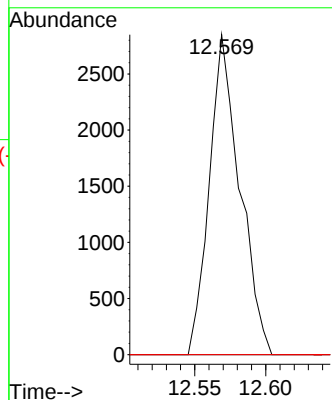
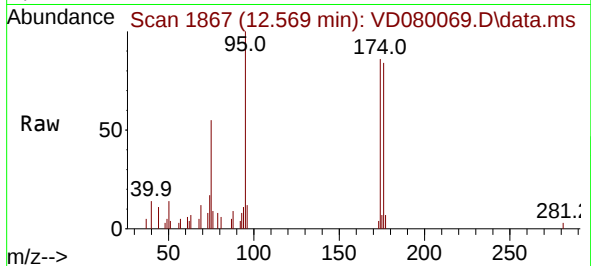




#81
trans-1,4-Dichloro-2-butene
Concen: 97.751 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4247
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.073 ug/l
RT: 14.634 min Scan# 2218
Delta R.T. 0.194 min
Lab File: VD080069.D
Acq: 18 Nov 2024 15:18

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#

