

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080052.D
 Acq On : 17 Nov 2024 19:49
 Operator : RP/MD
 Sample : P4822-05
 Misc : 5.53G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:28:11 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)

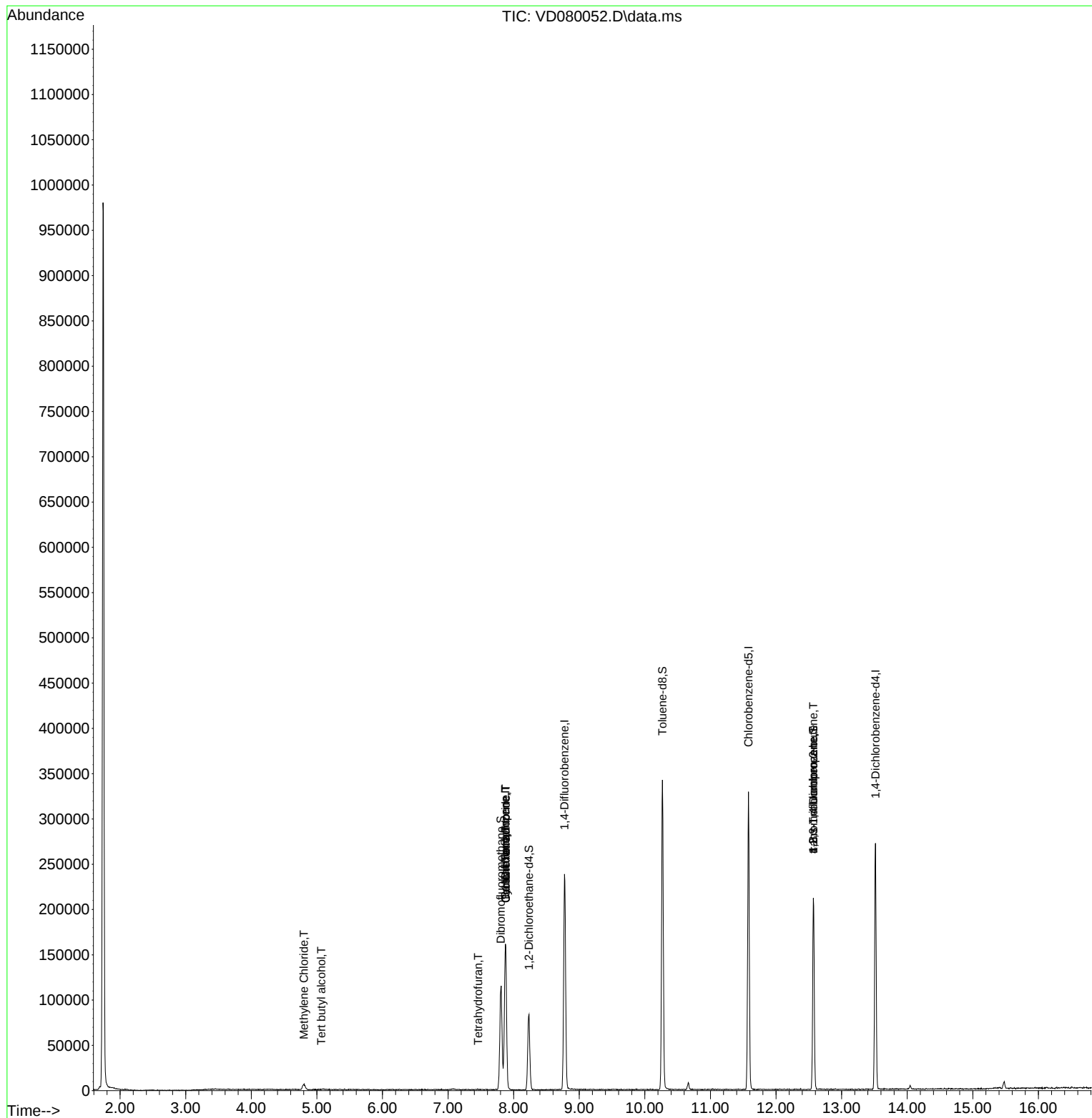
Internal Standards						
1) Pentafluorobenzene	7.875	168	136518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	75449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68451	48.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.805	113	82863	57.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.940%
50) Toluene-d8	10.269	98	243468	44.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.600%
62) 4-Bromofluorobenzene	12.569	95	66937	37.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.069	59	117	1.600	ug/l #	82
20) Methylene Chloride	4.805	84	4681	2.862	ug/l	93
29) Tetrahydrofuran	7.457	42	255	1.168	ug/l #	32
31) Cyclohexane	7.881	56	2403	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9474	4.805	ug/l #	45
38) Carbon Tetrachloride	7.881	117	12805	5.944	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	31815	47.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	31815	97.735	ug/l #	15

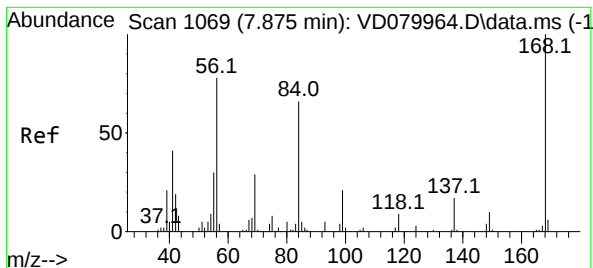
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
Data File : VD080052.D
Acq On : 17 Nov 2024 19:49
Operator : RP/MD
Sample : P4822-05
Misc : 5.53G/5ml/MSVOA_D/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 18 04:28:11 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: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD080052.D

Acq: 17 Nov 2024 19:49

Instrument :

MSVOA_D

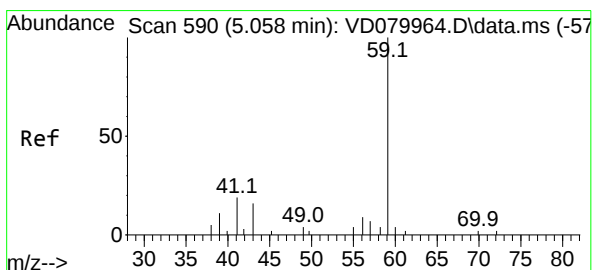
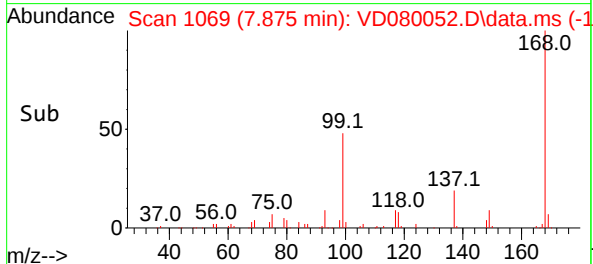
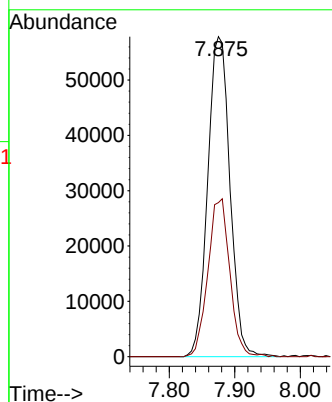
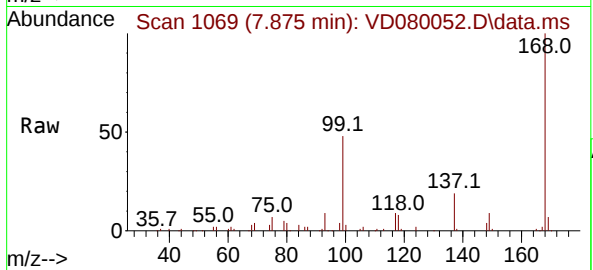
ClientSampleId :

Tgt Ion:168 Resp: 136518

Ion Ratio Lower Upper

168 100

99 48.2 46.0 69.0



#11

Tert butyl alcohol

Concen: 1.600 ug/l

RT: 5.069 min Scan# 592

Delta R.T. 0.011 min

Lab File: VD080052.D

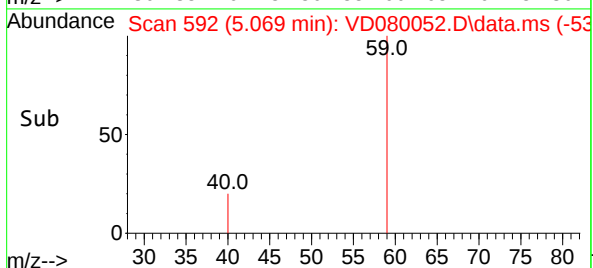
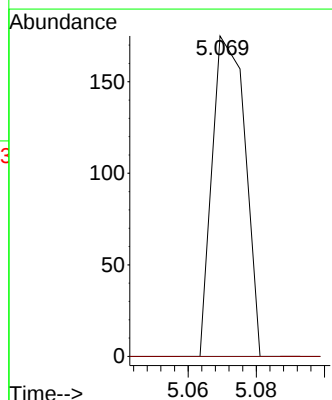
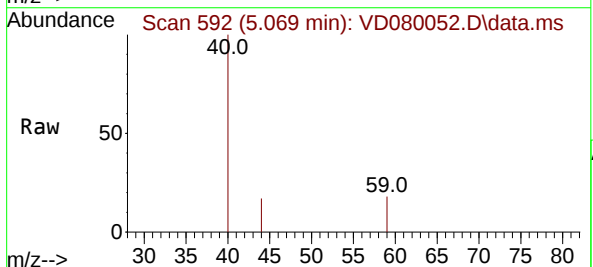
Acq: 17 Nov 2024 19:49

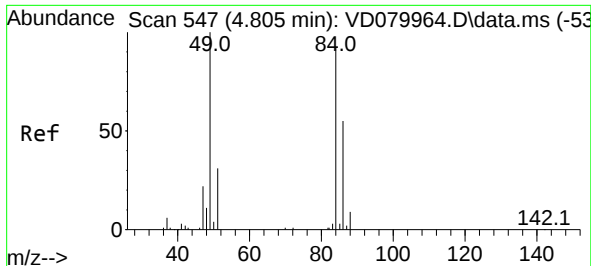
Tgt Ion: 59 Resp: 117

Ion Ratio Lower Upper

59 100

57 0.0 4.8 7.2#

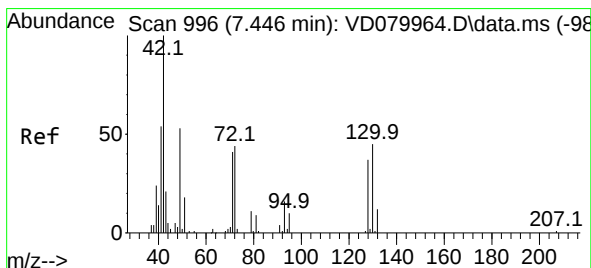
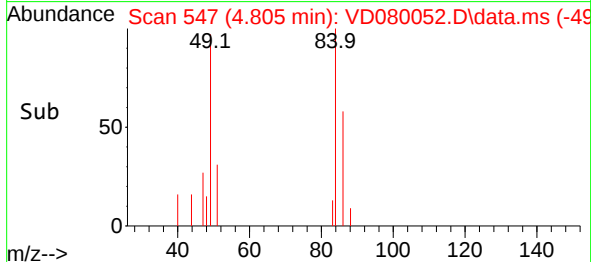
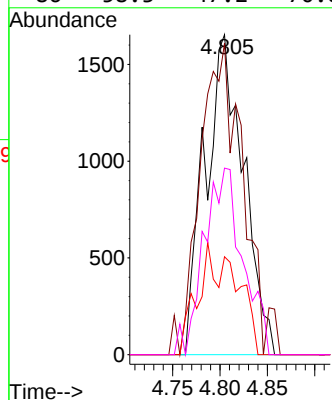
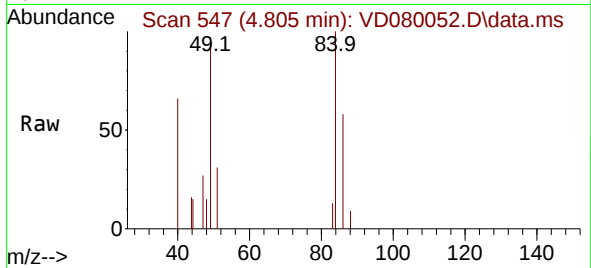




#20
Methylene Chloride
Concen: 2.862 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080052.D
Acq: 17 Nov 2024 19:49

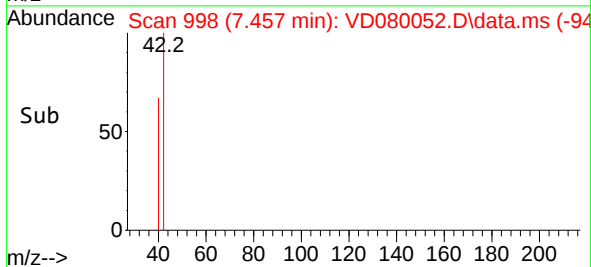
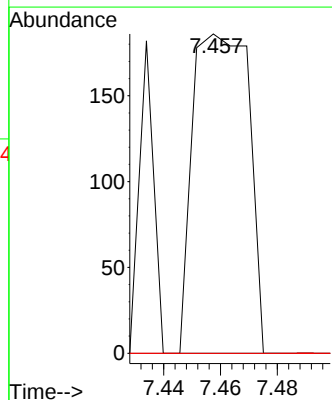
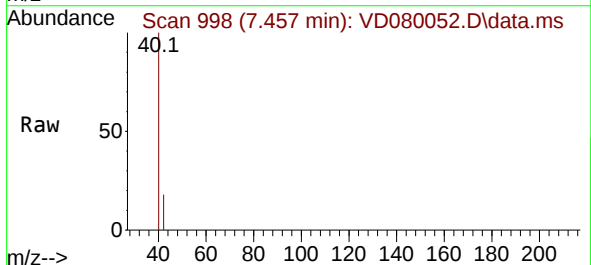
Instrument :
MSVOA_D
ClientSampleId :

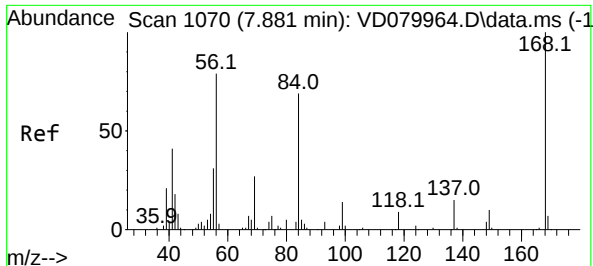
Tgt Ion: 84	Resp: 4681
Ion Ratio	Lower Upper
84 100	
49 97.3	86.5 129.7
51 30.6	26.9 40.3
86 58.3	47.2 70.8



#29
Tetrahydrofuran
Concen: 1.168 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.011 min
Lab File: VD080052.D
Acq: 17 Nov 2024 19:49

Tgt Ion: 42	Resp: 255
Ion Ratio	Lower Upper
42 100	
72 0.0	36.7 55.1#
71 0.0	34.4 51.6#

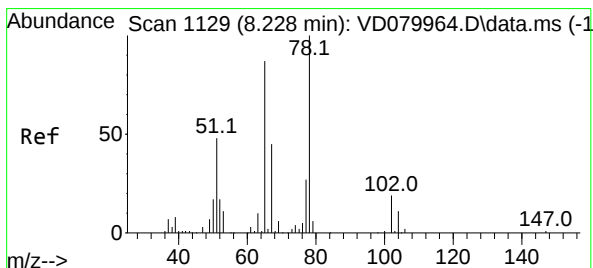
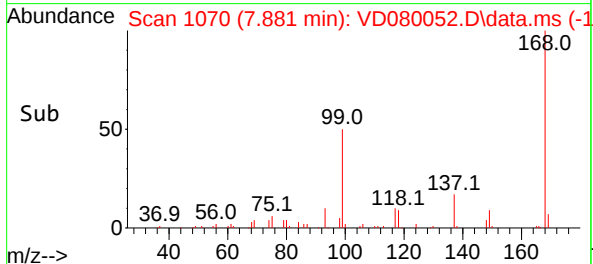
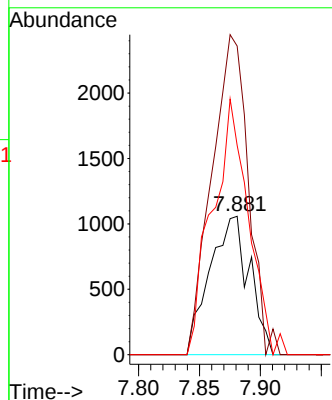
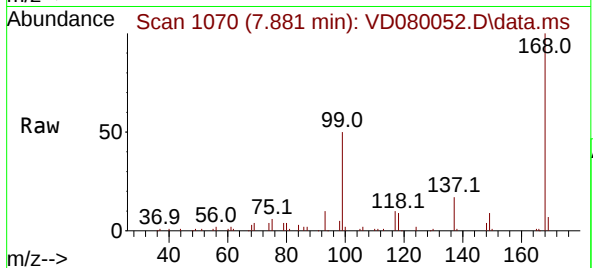




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD080052.D
Acq: 17 Nov 2024 19:49

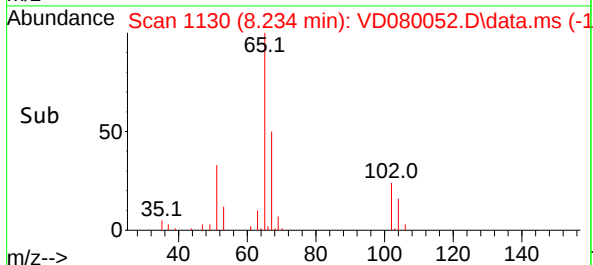
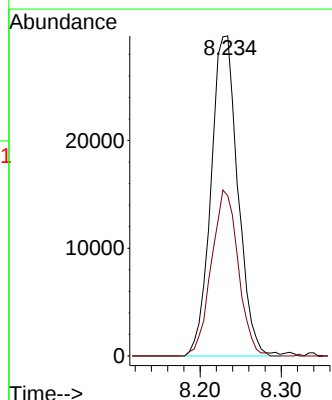
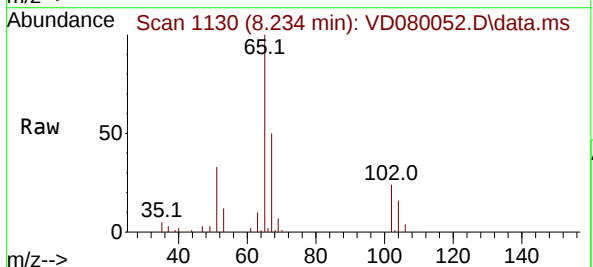
Instrument :
MSVOA_D
ClientSampleId :

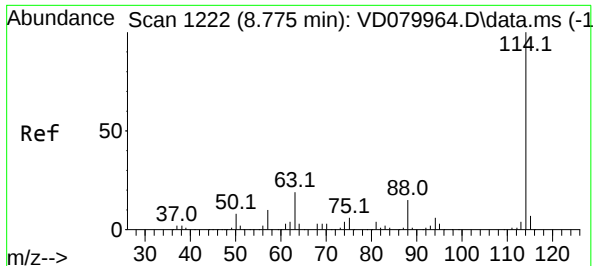
Tgt Ion: 56 Resp: 2403
Ion Ratio Lower Upper
56 100
69 223.0 27.3 40.9#
84 151.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 48.699 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD080052.D
Acq: 17 Nov 2024 19:49

Tgt Ion: 65 Resp: 68451
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080052.D

Acq: 17 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

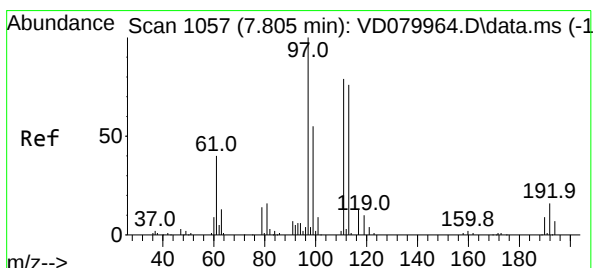
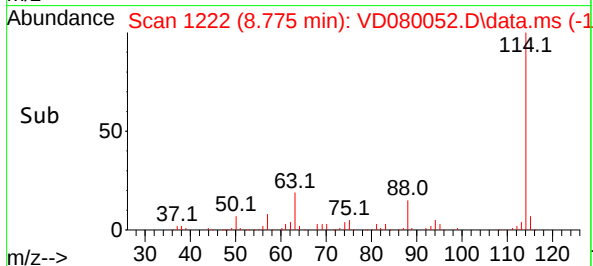
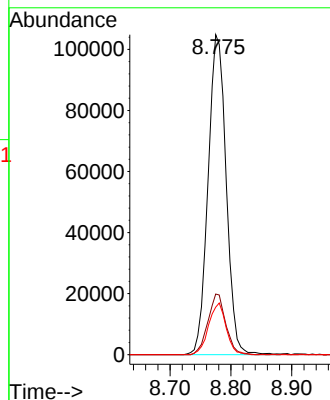
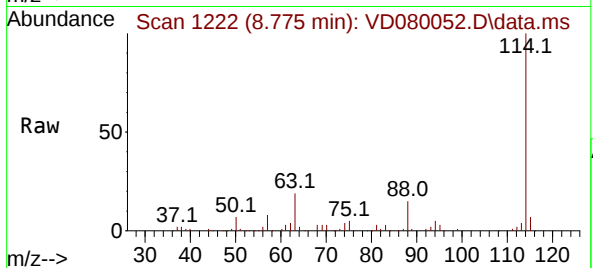
Tgt Ion:114 Resp: 216650

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.469 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD080052.D

Acq: 17 Nov 2024 19:49

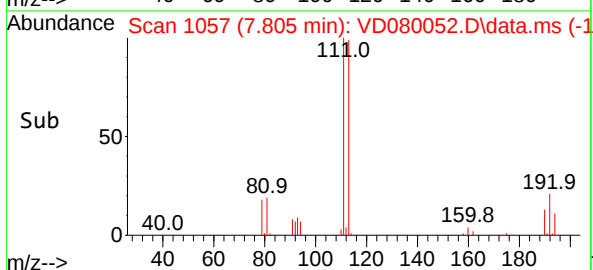
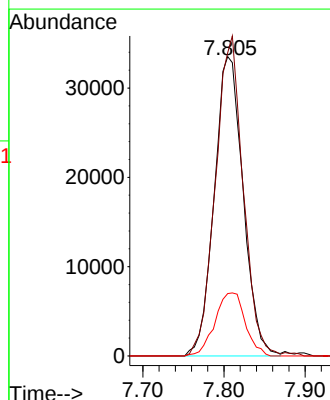
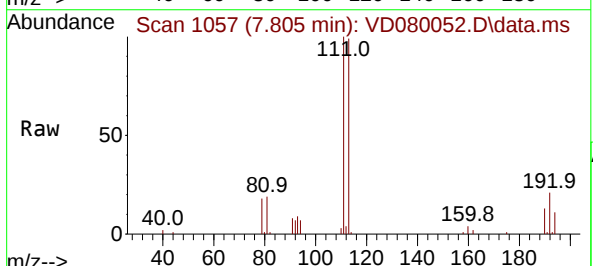
Tgt Ion:113 Resp: 82863

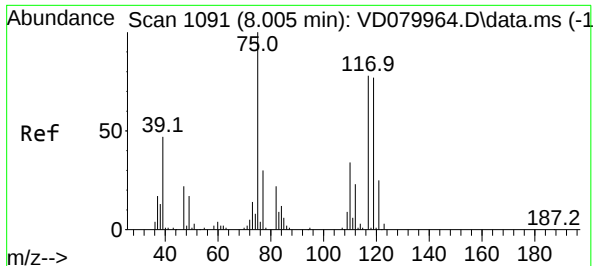
Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 22.1 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080052.D

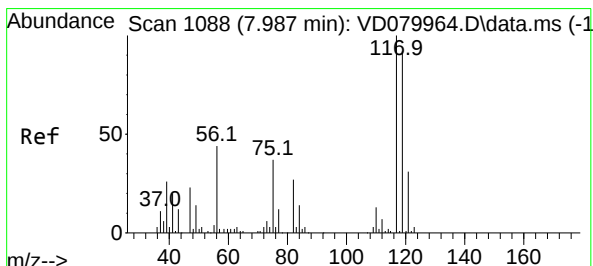
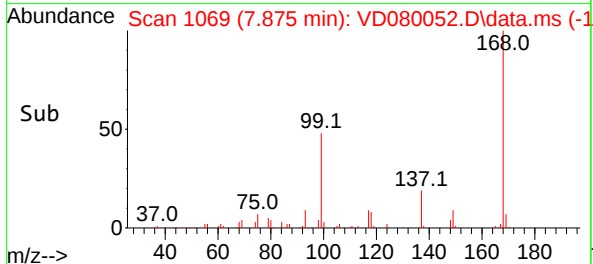
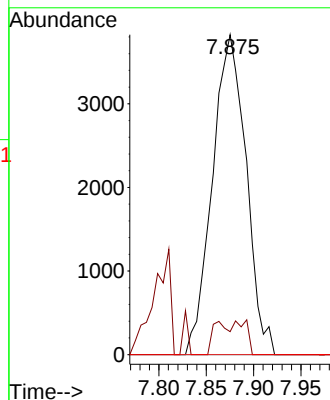
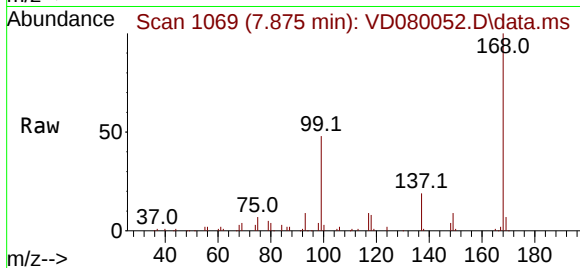
Acq: 17 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	9474
Ion	Ratio	Lower	Upper
75	100		
110	5.0	18.4	55.0#
77	0.0	25.6	38.4#



#38

Carbon Tetrachloride

Concen: 5.944 ug/l

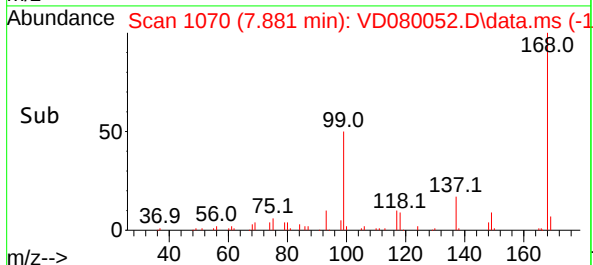
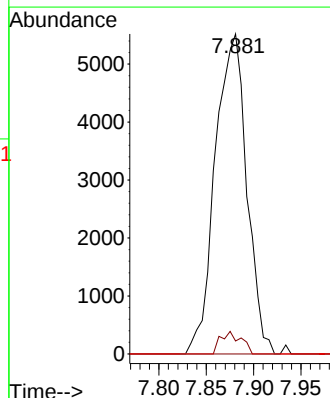
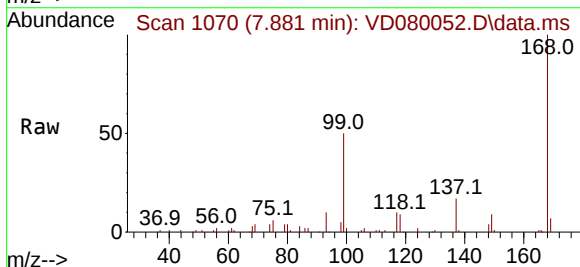
RT: 7.881 min Scan# 1070

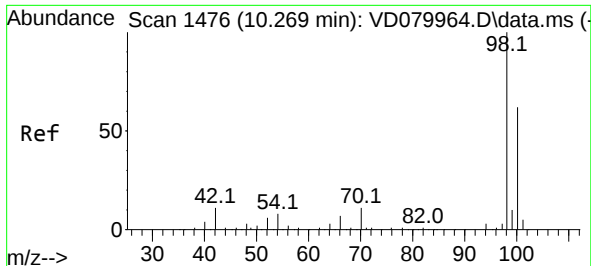
Delta R.T. -0.106 min

Lab File: VD080052.D

Acq: 17 Nov 2024 19:49

Tgt Ion:	117	Resp:	12805
Ion	Ratio	Lower	Upper
117	100		
119	4.1	73.4	110.0#
121	0.0	24.5	36.7#

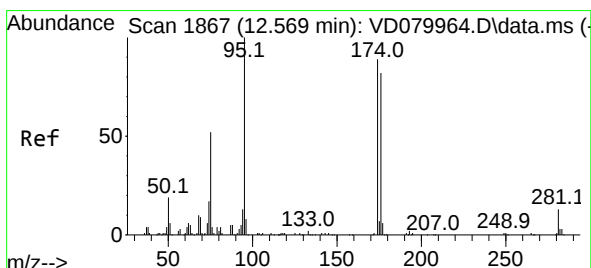
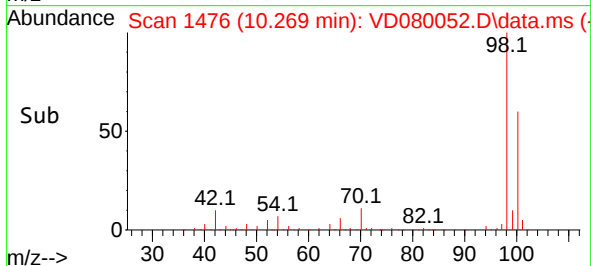
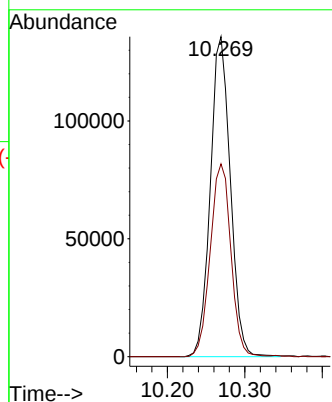
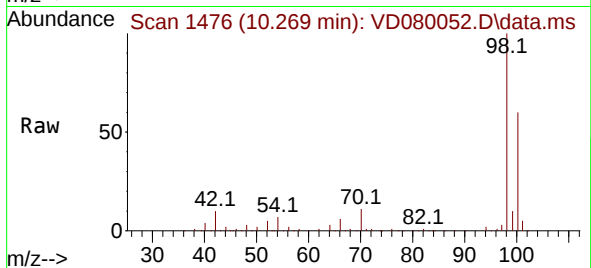




#50
Toluene-d8
Concen: 44.801 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080052.D
Acq: 17 Nov 2024 19:49

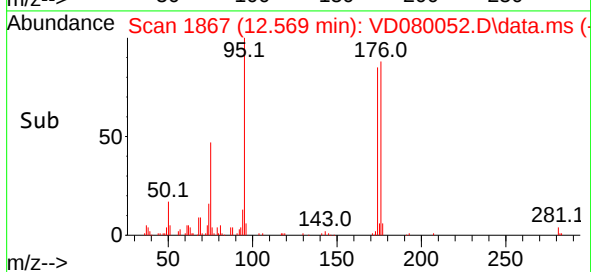
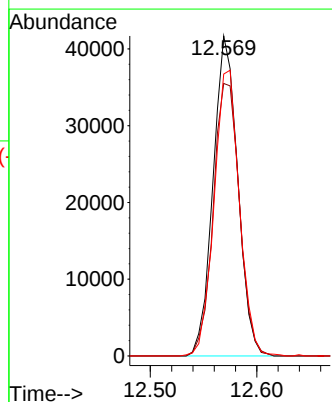
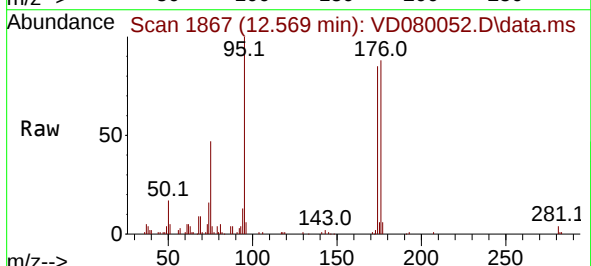
Instrument :
MSVOA_D
ClientSampleId :

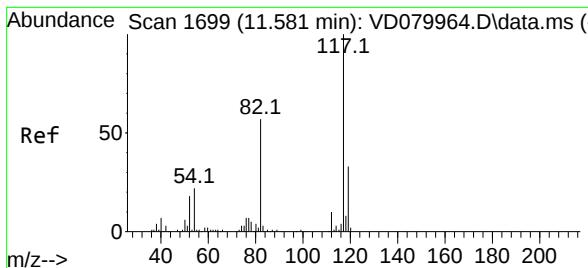
Tgt Ion: 98 Resp: 243468
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 37.542 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080052.D
Acq: 17 Nov 2024 19:49

Tgt Ion: 95 Resp: 66937
Ion Ratio Lower Upper
95 100
174 90.6 0.0 173.4
176 91.7 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080052.D

Acq: 17 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

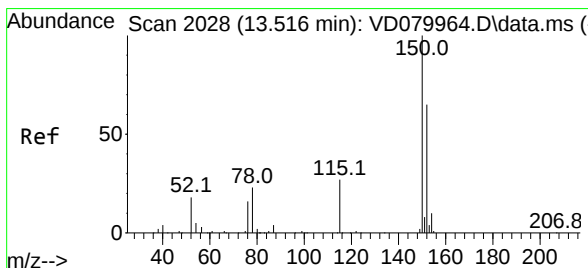
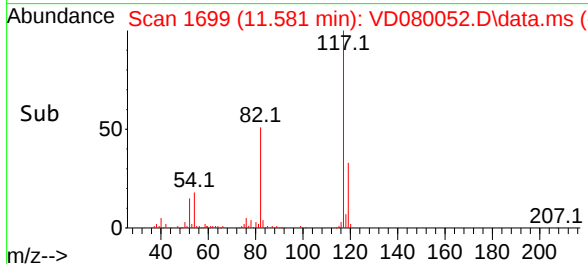
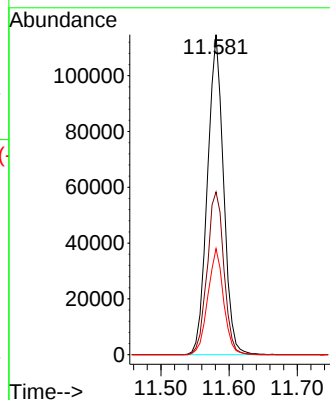
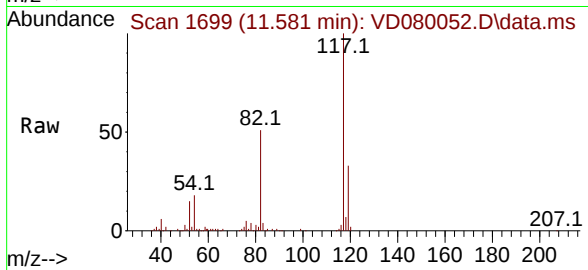
Tgt Ion:117 Resp: 188207

Ion Ratio Lower Upper

117 100

82 50.8 45.8 68.6

119 33.1 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: VD080052.D

Acq: 17 Nov 2024 19:49

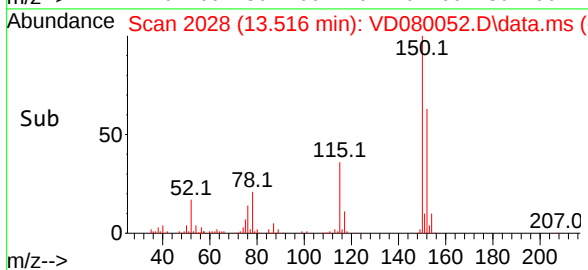
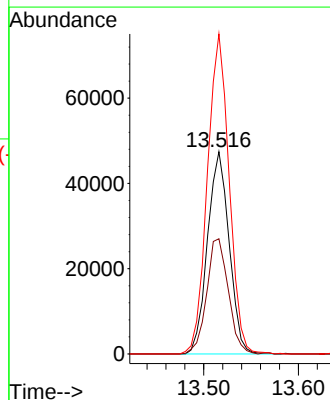
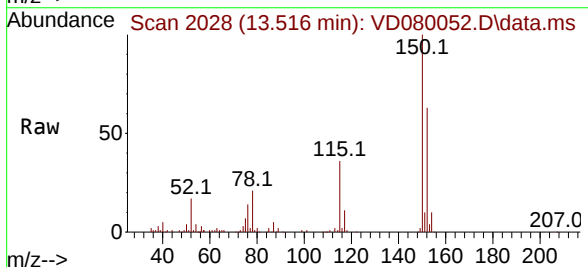
Tgt Ion:152 Resp: 75449

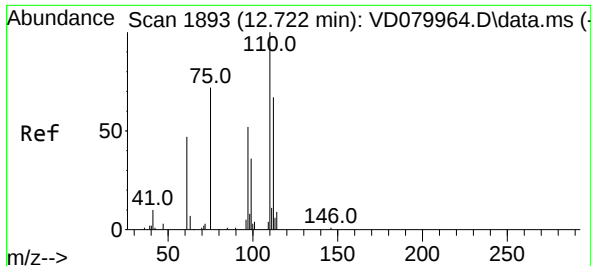
Ion Ratio Lower Upper

152 100

115 57.0 28.9 86.8

150 158.9 0.0 354.8

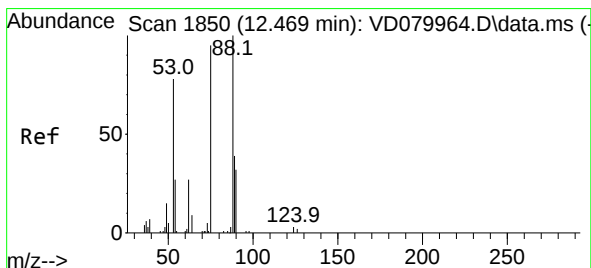
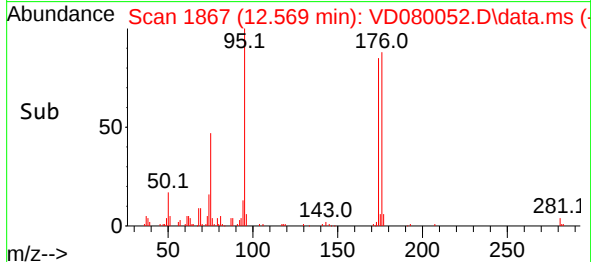
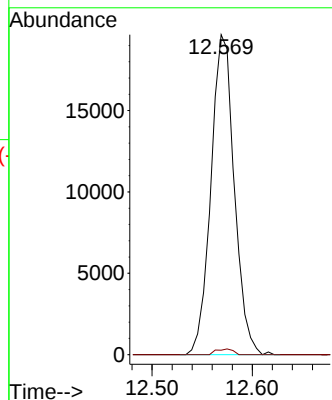
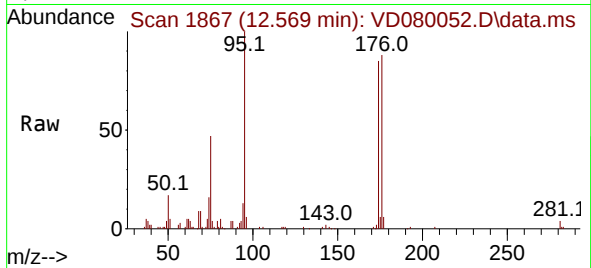




#76
1,2,3-Trichloropropane
Concen: 47.754 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080052.D
Acq: 17 Nov 2024 19:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 31815
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.735 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080052.D
Acq: 17 Nov 2024 19:49

Tgt Ion: 75 Resp: 31815
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#

