

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080066.D
 Acq On : 18 Nov 2024 13:57
 Operator : RP/MD
 Sample : P4869-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:46:34 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)

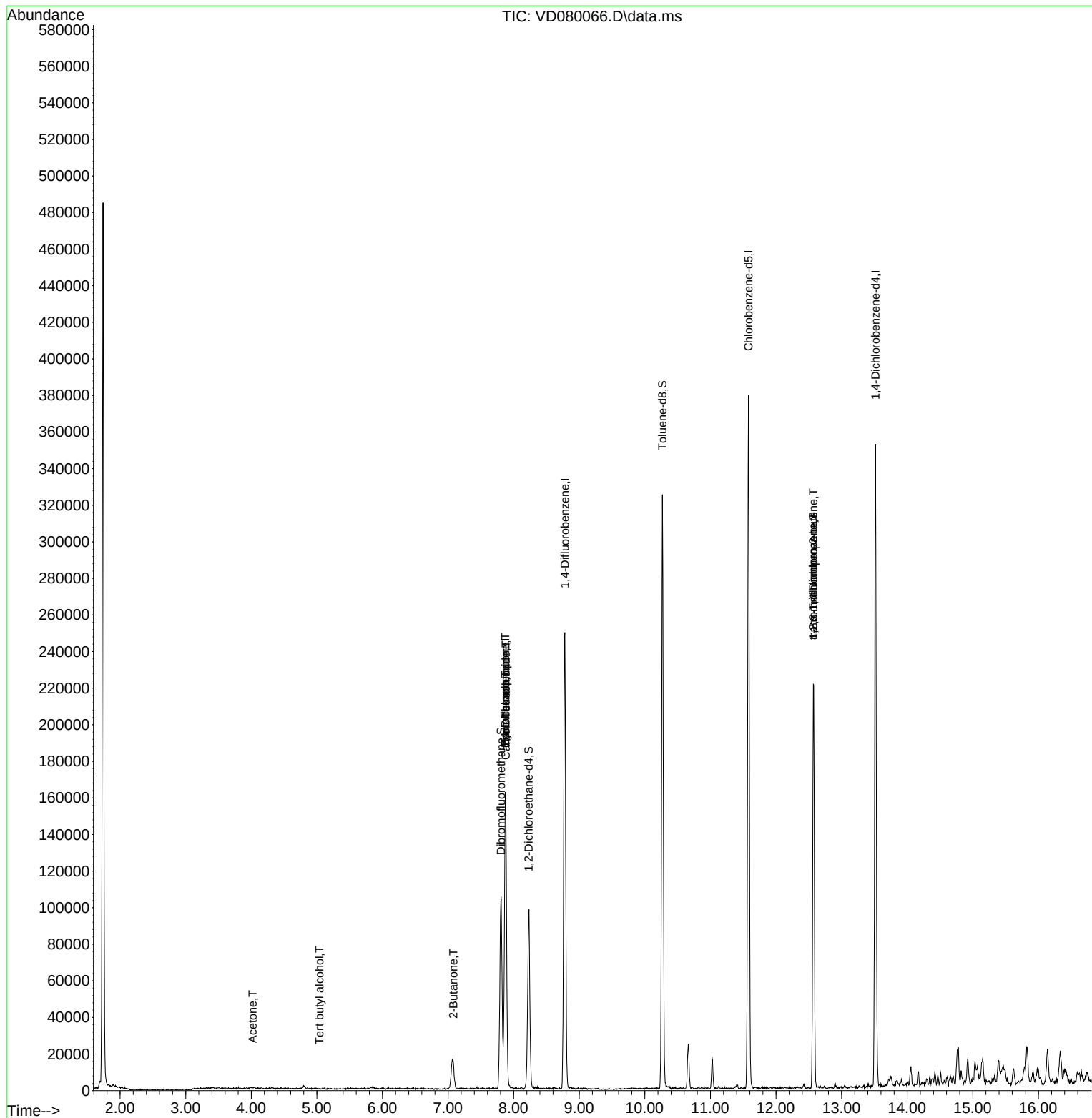
Internal Standards						
1) Pentafluorobenzene	7.875	168	132349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76526	56.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.320%
35) Dibromofluoromethane	7.810	113	75263	47.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.269	98	223747	37.534	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.060%
62) 4-Bromofluorobenzene	12.569	95	68996	35.277	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.040	59	108	1.523	ug/l #	82
16) Acetone	4.022	43	909	3.074	ug/l #	43
25) 2-Butanone	7.081	43	569	1.473	ug/l #	47
31) Cyclohexane	7.875	56	2658	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10435	4.825	ug/l #	48
38) Carbon Tetrachloride	7.881	117	12768	5.403	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	33048	38.564	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	33048	78.928	ug/l #	15

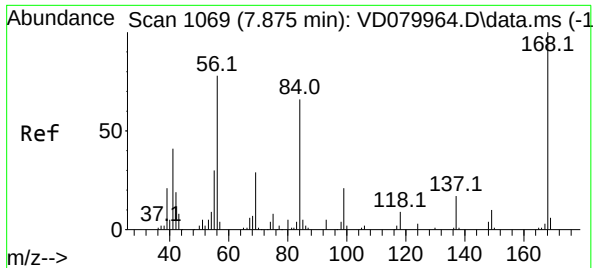
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration

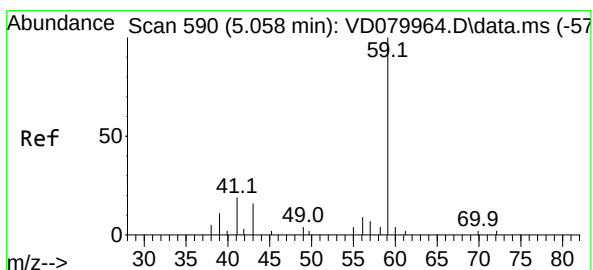
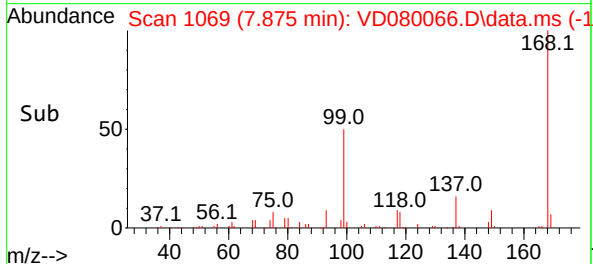
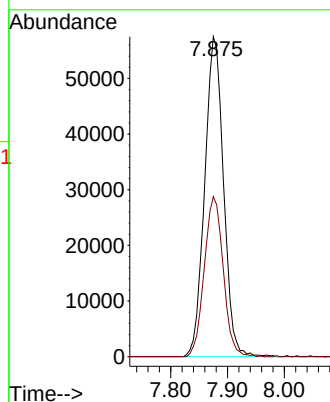
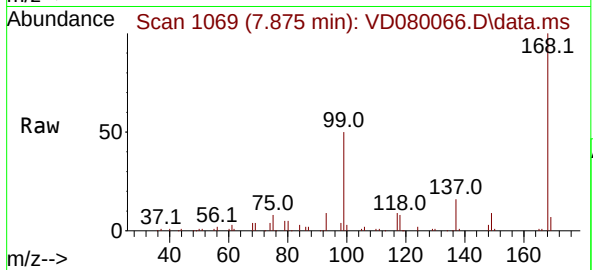




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

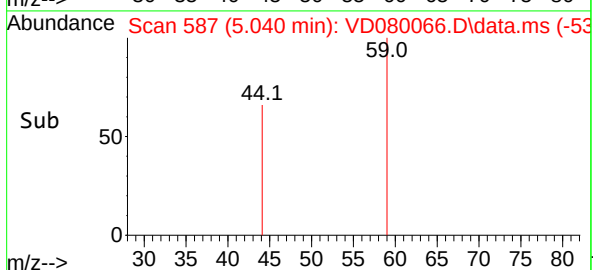
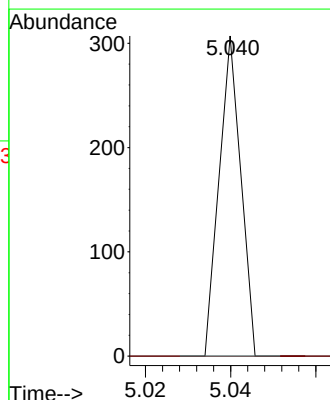
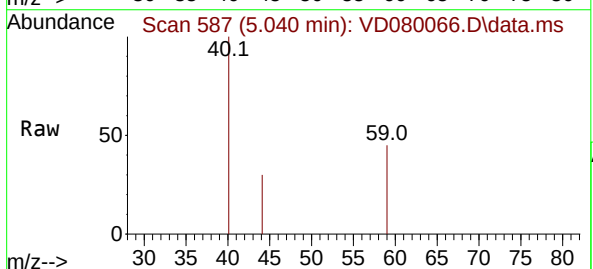
Instrument :
MSVOA_D
ClientSampleId :

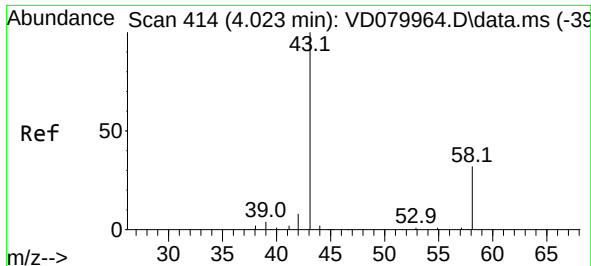
Tgt Ion:168 Resp: 132349
Ion Ratio Lower Upper
168 100
99 50.0 46.0 69.0



#11
Tert butyl alcohol
Concen: 1.523 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.018 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#

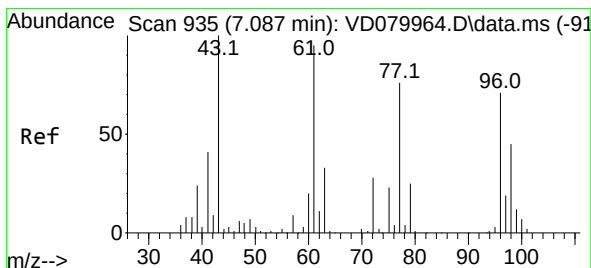
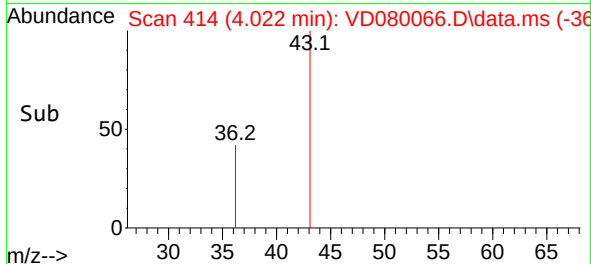
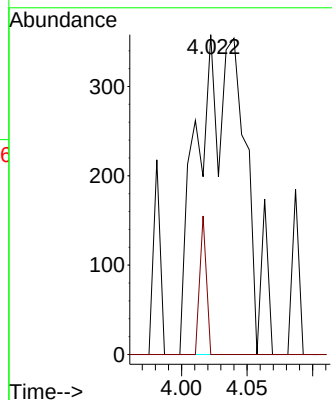
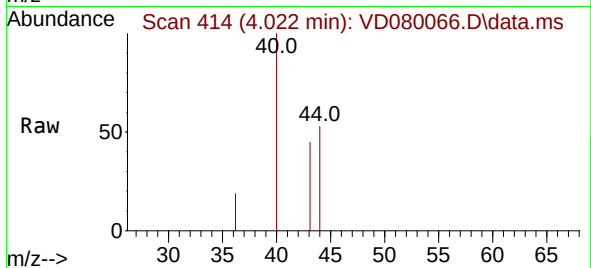




#16
Acetone
Concen: 3.074 ug/l
RT: 4.022 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

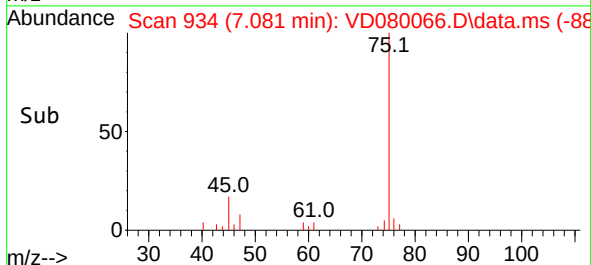
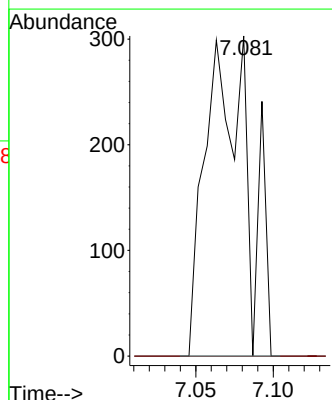
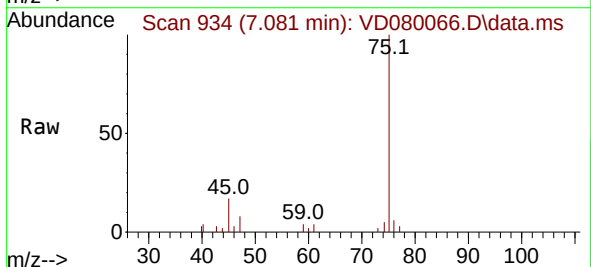
Instrument :
MSVOA_D
ClientSampleId :

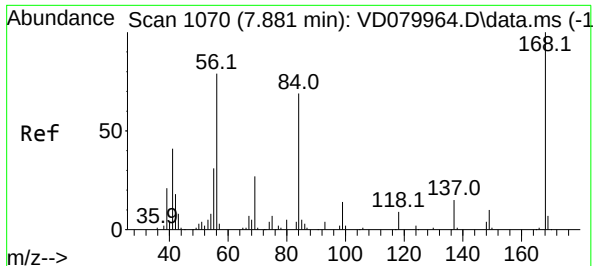
Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#25
2-Butanone
Concen: 1.473 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#

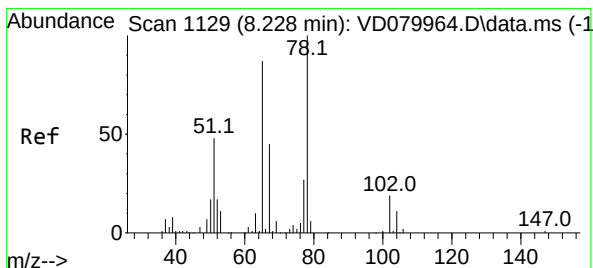
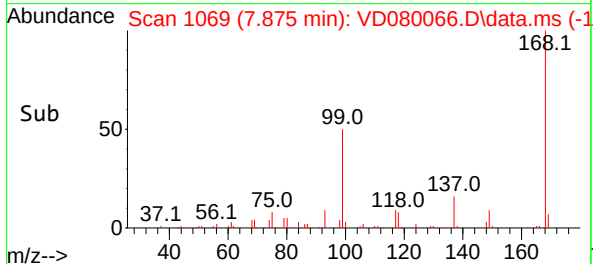
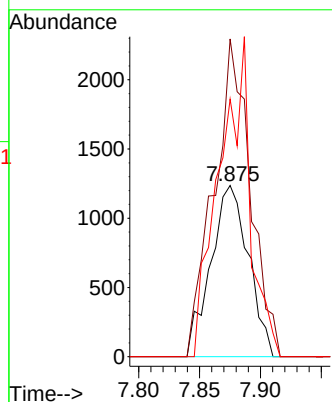
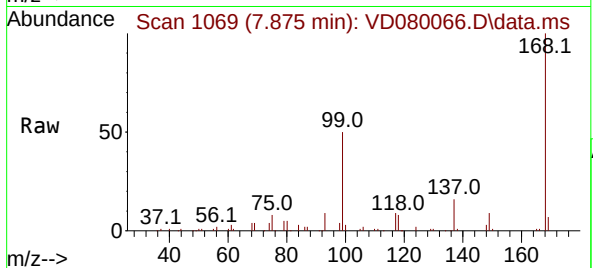




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

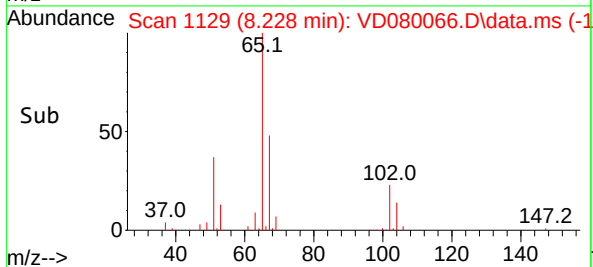
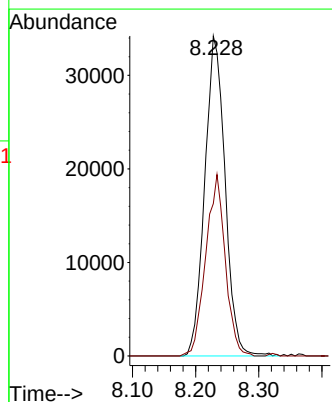
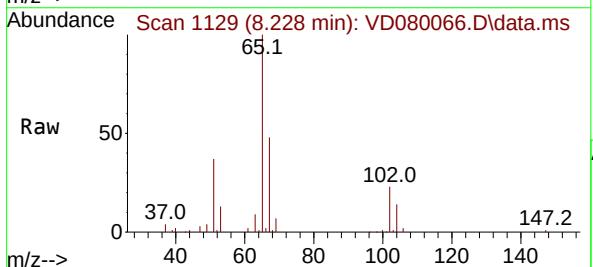
Instrument :
MSVOA_D
ClientSampleId :

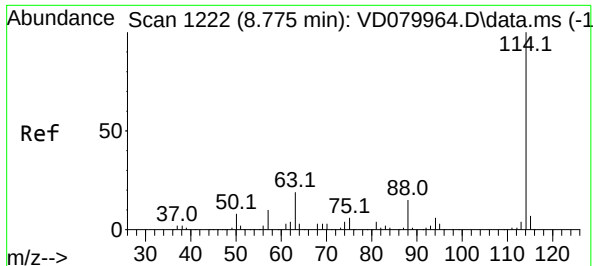
Tgt Ion: 56 Resp: 2658
Ion Ratio Lower Upper
56 100
69 185.5 27.3 40.9#
84 150.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 56.159 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

Tgt Ion: 65 Resp: 76526
Ion Ratio Lower Upper
65 100
67 54.5 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: VD080066.D

Acq: 18 Nov 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

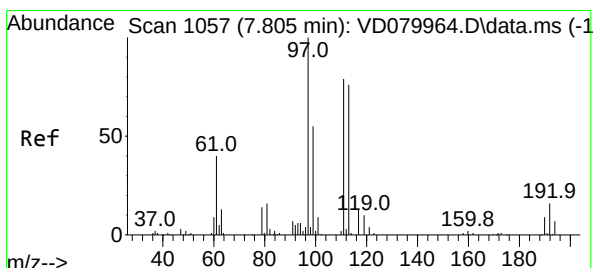
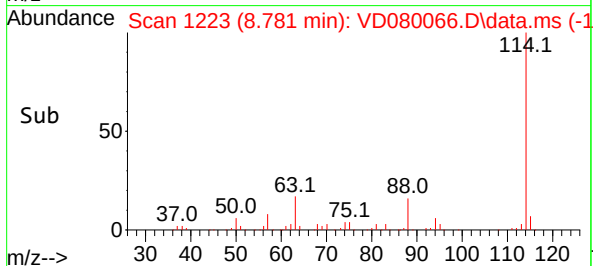
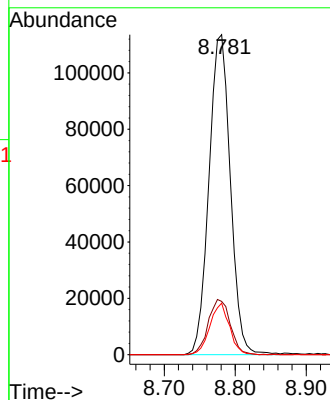
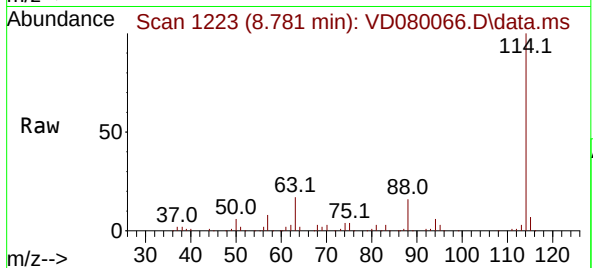
Tgt Ion:114 Resp: 237653

Ion Ratio Lower Upper

114 100

63 16.7 0.0 38.8

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.585 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD080066.D

Acq: 18 Nov 2024 13:57

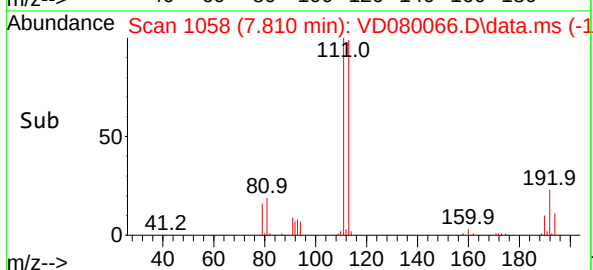
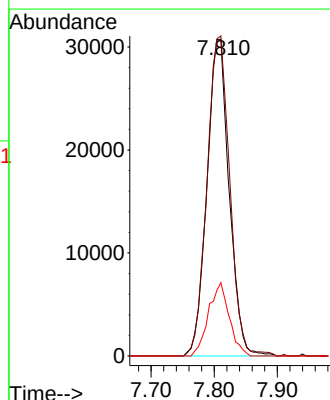
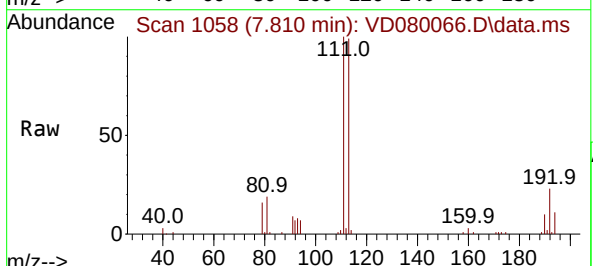
Tgt Ion:113 Resp: 75263

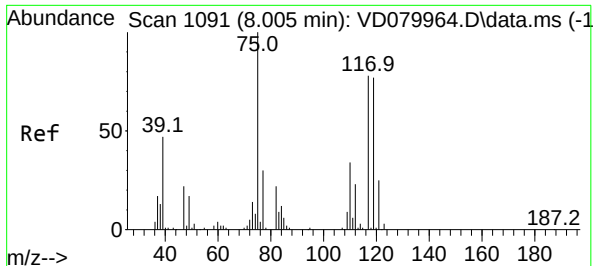
Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

192 21.6 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080066.D

Acq: 18 Nov 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

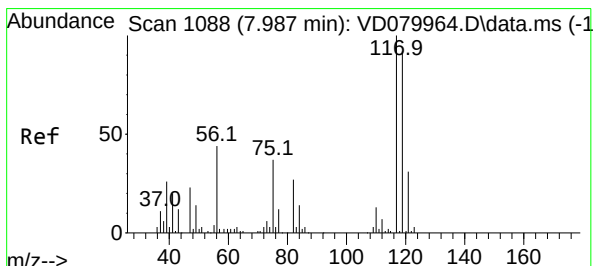
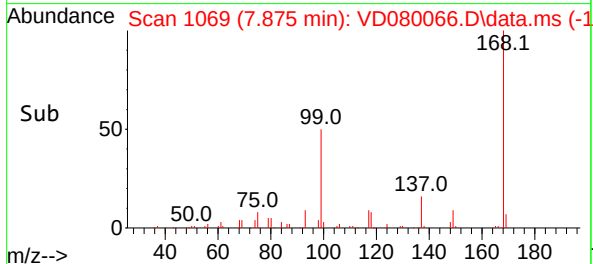
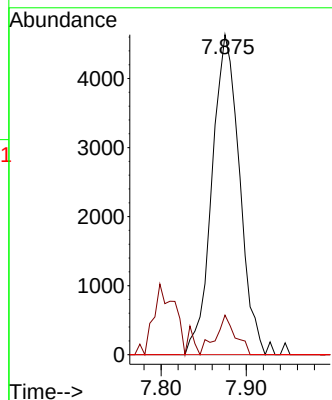
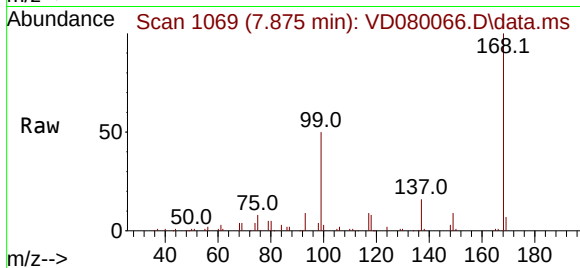
Tgt Ion: 75 Resp: 10435

Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.403 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD080066.D

Acq: 18 Nov 2024 13:57

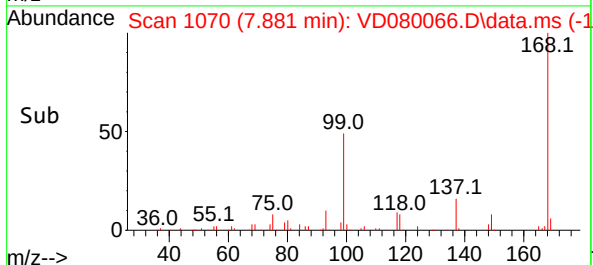
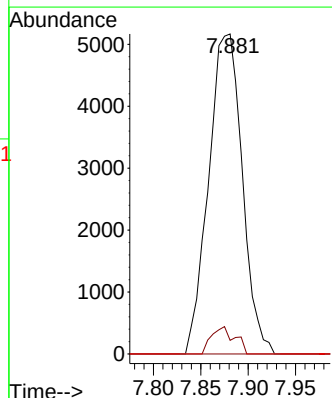
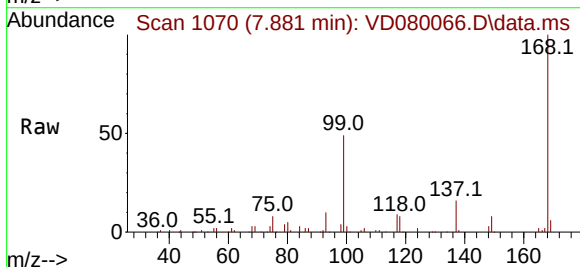
Tgt Ion: 117 Resp: 12768

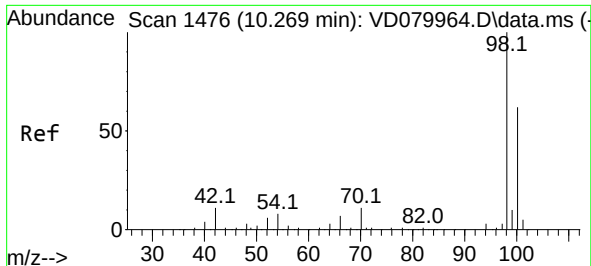
Ion Ratio Lower Upper

117 100

119 4.3 73.4 110.0#

121 0.0 24.5 36.7#

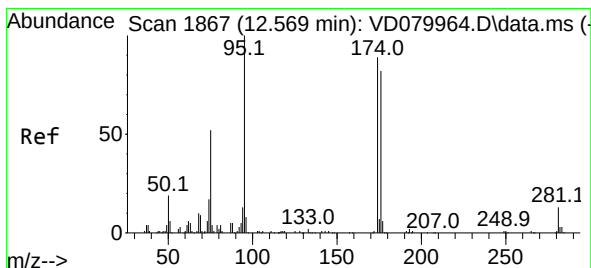
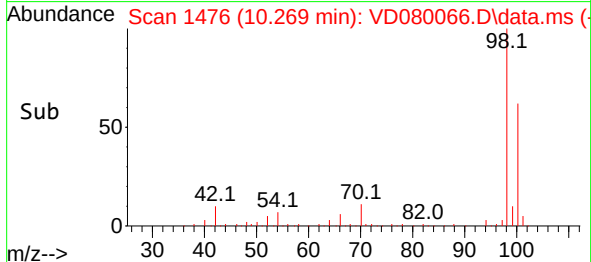
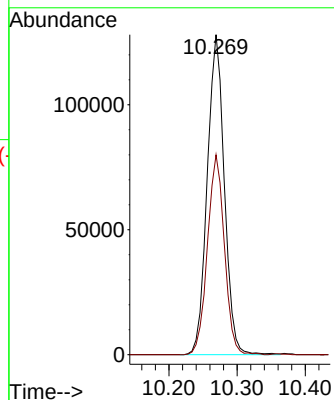
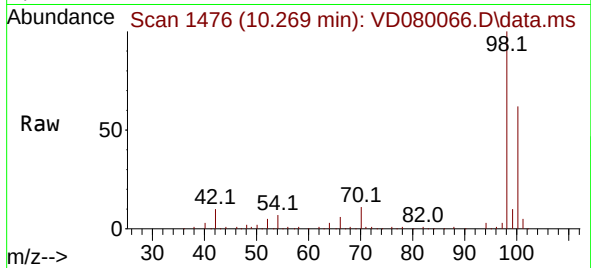




#50
Toluene-d8
Concen: 37.534 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

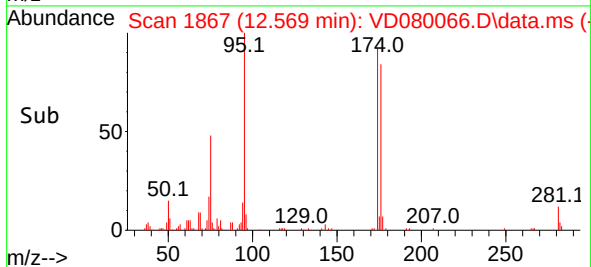
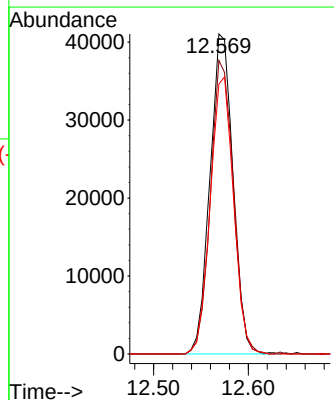
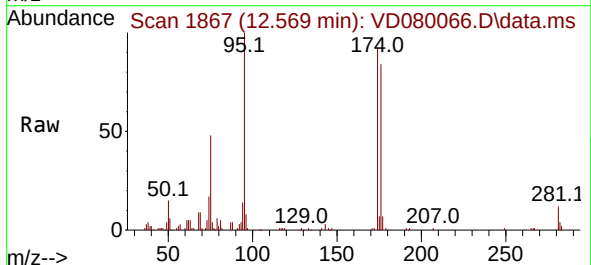
Instrument :
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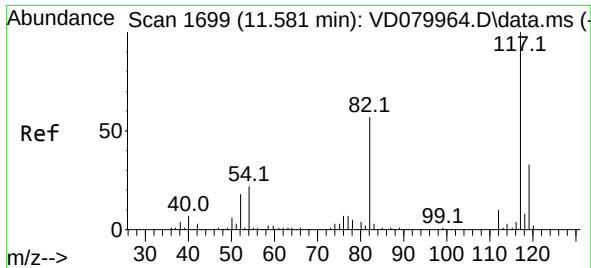
Tgt Ion: 98 Resp: 223747
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 35.277 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

Tgt Ion: 95 Resp: 68996
Ion Ratio Lower Upper
95 100
174 91.9 0.0 173.4
176 87.7 0.0 166.6

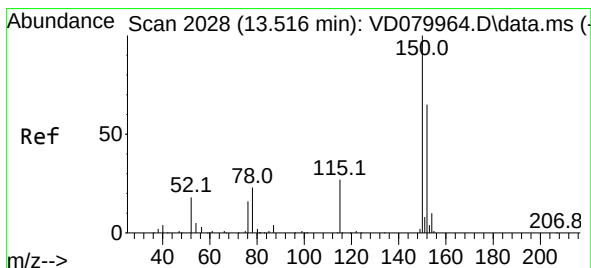
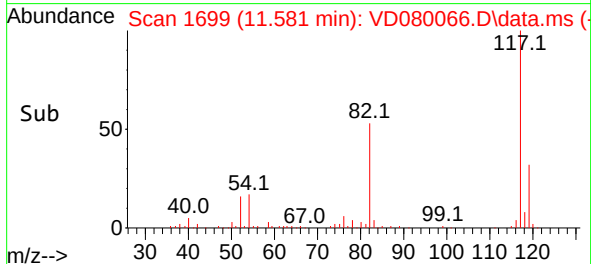
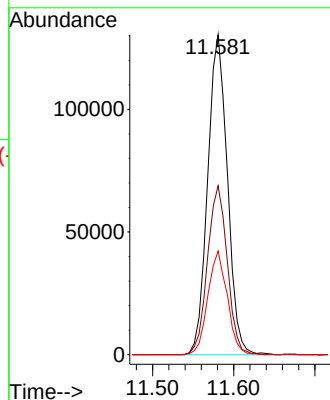
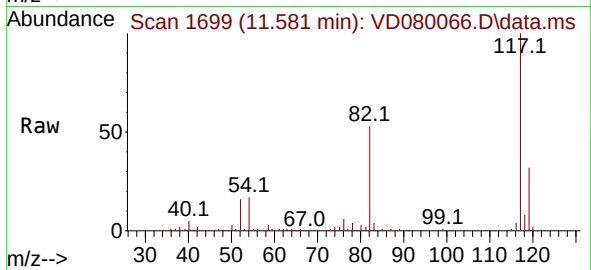




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

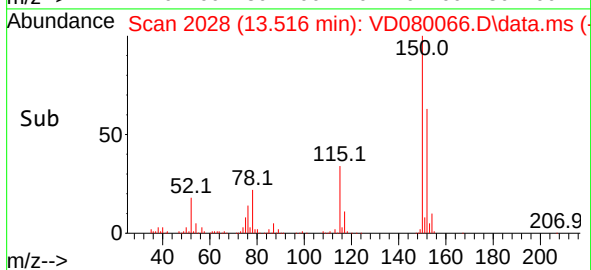
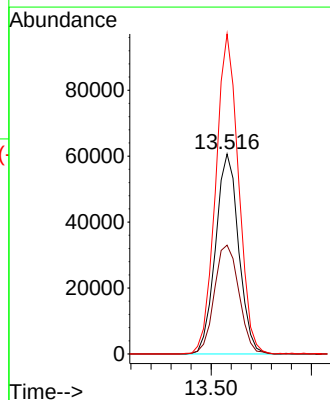
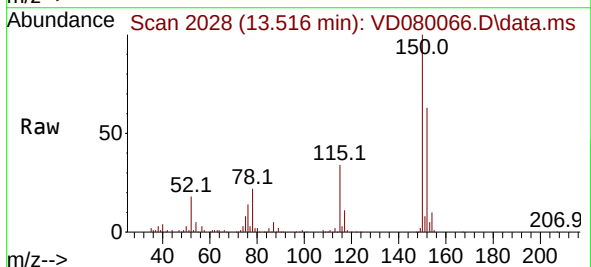
Instrument :
MSVOA_D
ClientSampleId :

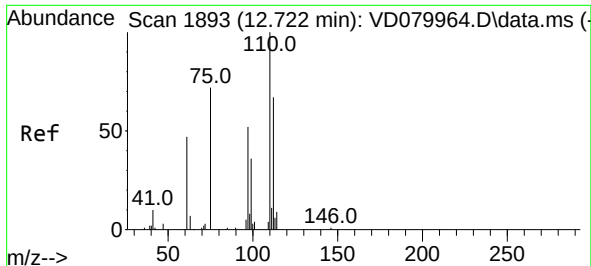
Tgt Ion:117 Resp: 219942
Ion Ratio Lower Upper
117 100
82 52.8 45.8 68.6
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

Tgt Ion:152 Resp: 97048
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 157.7 0.0 354.8

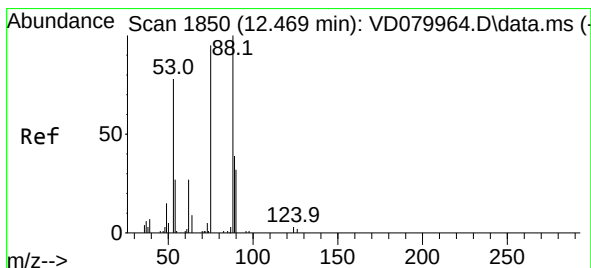
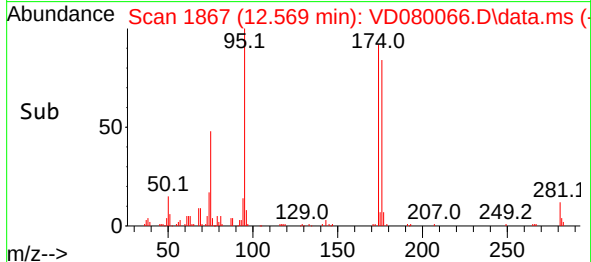
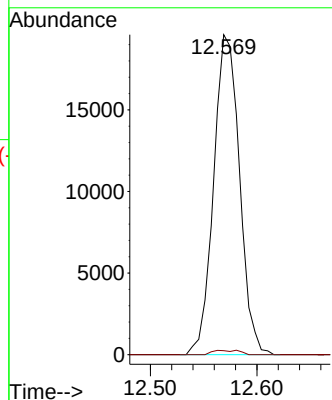
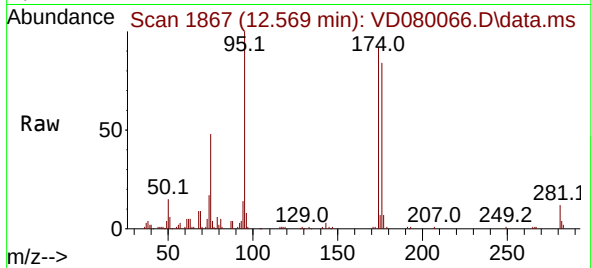




#76
1,2,3-Trichloropropane
Concen: 38.564 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 33048
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.928 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080066.D
Acq: 18 Nov 2024 13:57

Tgt Ion: 75 Resp: 33048
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#

