

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080089.D
 Acq On : 19 Nov 2024 17:52
 Operator : RP/MD
 Sample : P4852-02
 Misc : 4.70G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:57:06 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	7.881	168	158381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	288332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89596	54.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.880%
35) Dibromofluoromethane	7.805	113	93023	48.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.269	98	288498	39.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.780%
62) 4-Bromofluorobenzene	12.569	95	80352	33.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.720%

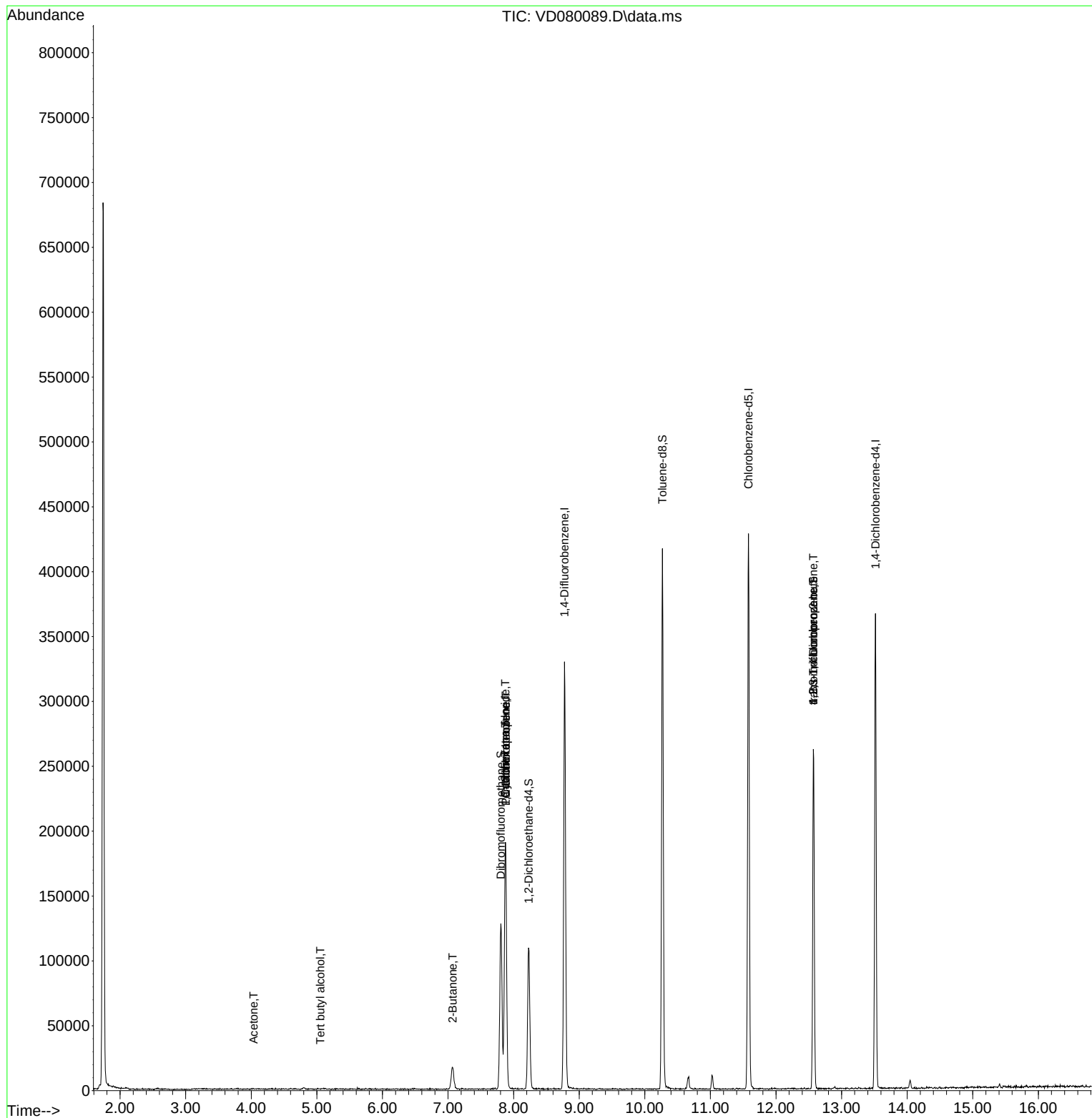
Target Compounds					Qvalue	
5) Bromomethane	2.699	94	324	Below Cal	#	73
11) Tert butyl alcohol	5.052	59	130	1.532	ug/l #	82
16) Acetone	4.034	43	572	1.617	ug/l #	43
25) 2-Butanone	7.069	43	567	1.226	ug/l #	47
31) Cyclohexane	7.875	56	3132	1.179	ug/l #	6
36) 1,1-Dichloropropene	7.881	75	11615	4.427	ug/l #	46
38) Carbon Tetrachloride	7.875	117	15174	5.293	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	39344	43.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	39344	88.877	ug/l #	15

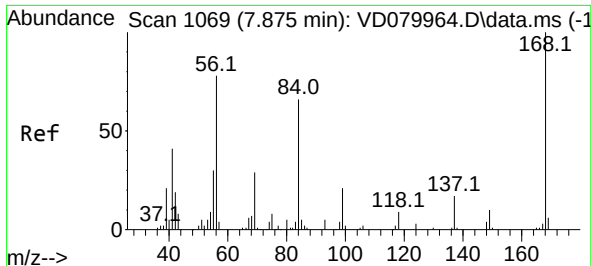
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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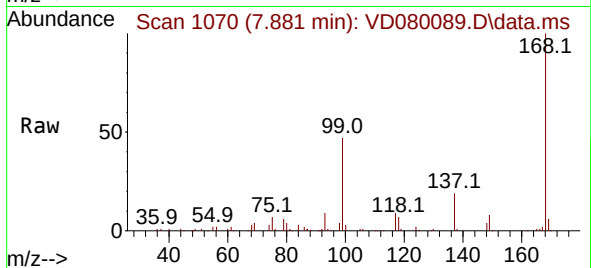
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
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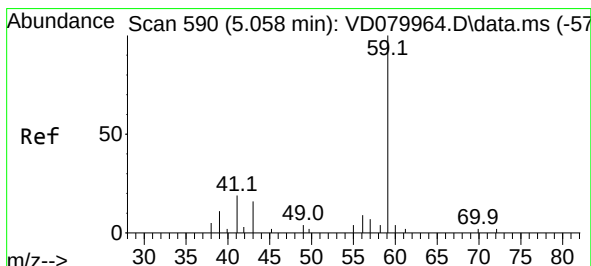
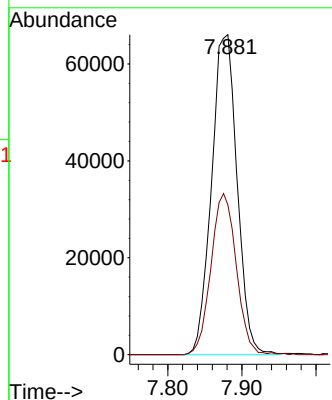
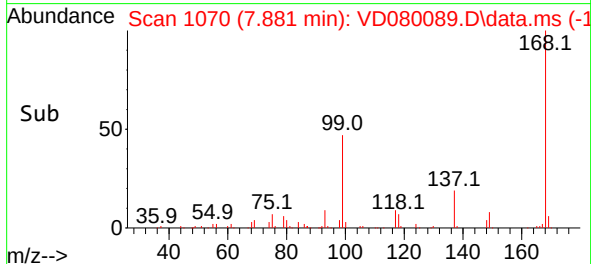


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :

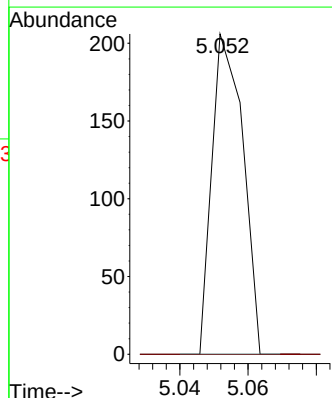
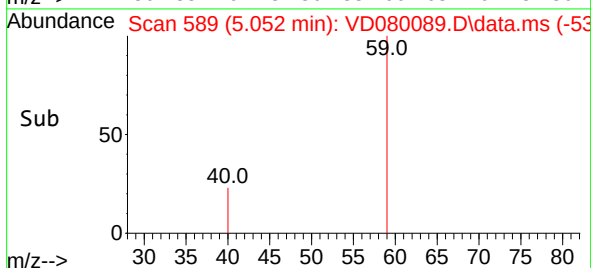
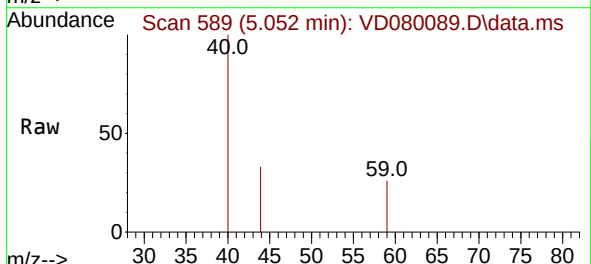


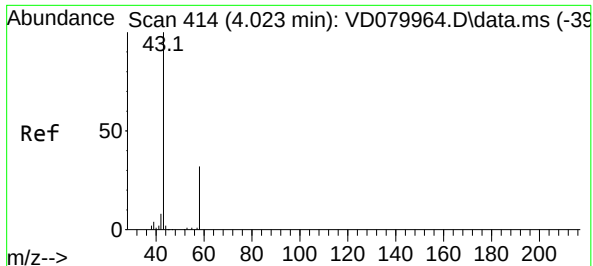
Tgt Ion:168 Resp: 158381
Ion Ratio Lower Upper
168 100
99 46.8 46.0 69.0



#11
Tert butyl alcohol
Concen: 1.532 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.006 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

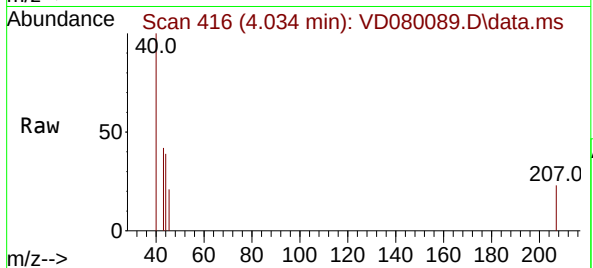
Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#



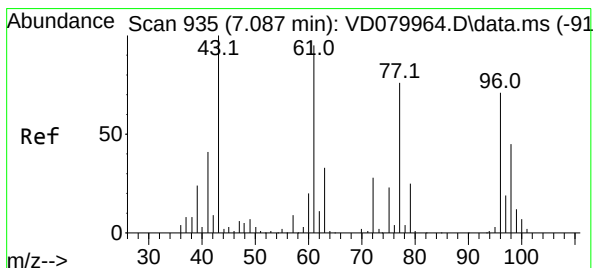
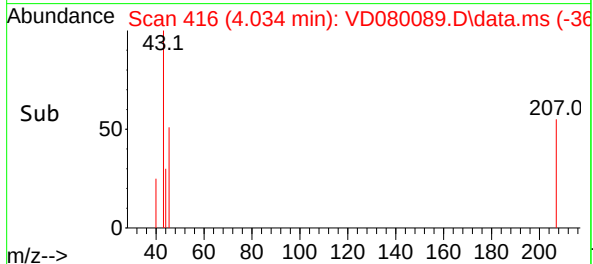
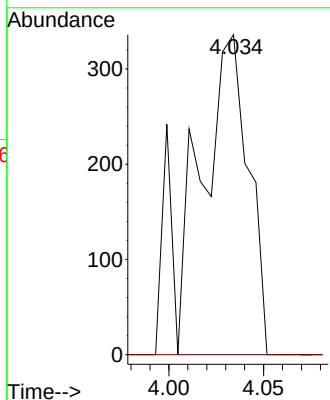


#16
Acetone
Concen: 1.617 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.011 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :

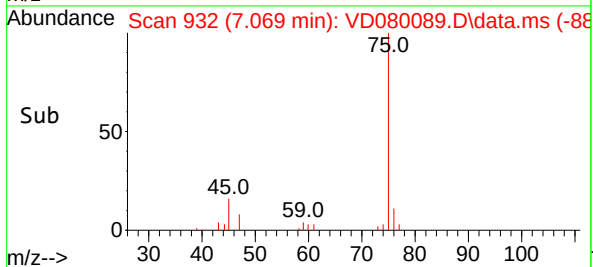
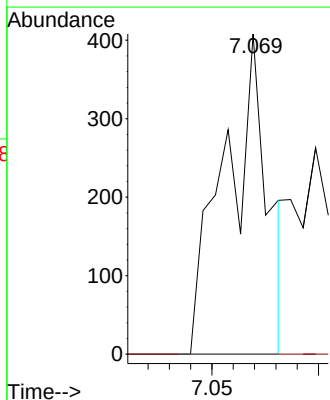
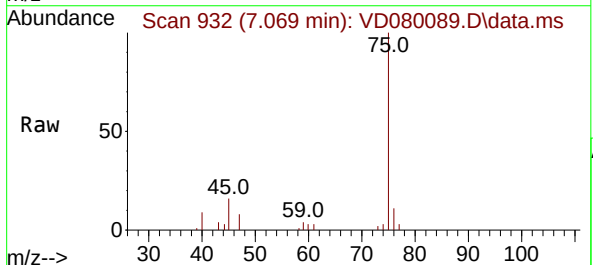


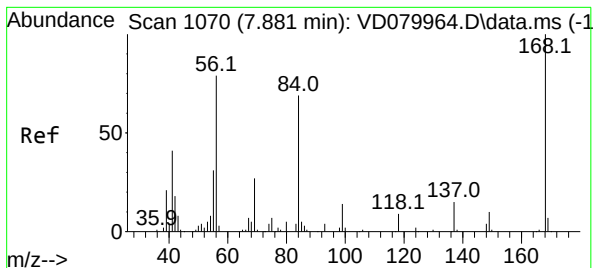
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#25
2-Butanone
Concen: 1.226 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.018 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#31

Cyclohexane

Concen: 1.179 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD080089.D

Acq: 19 Nov 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

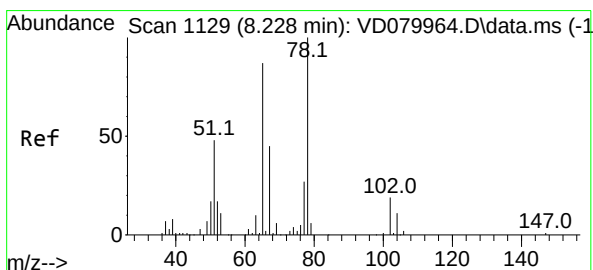
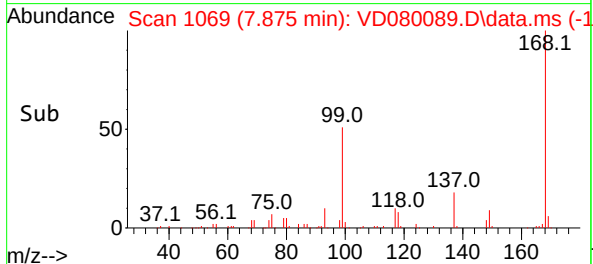
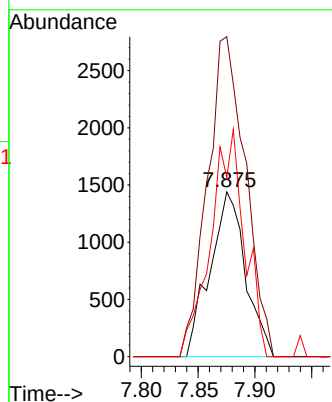
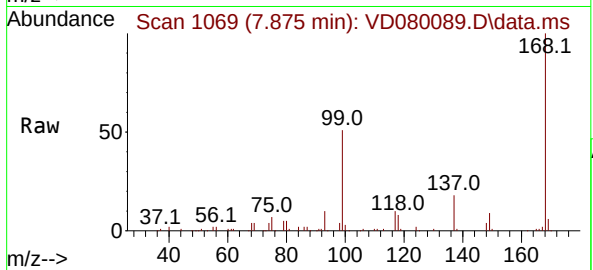
Tgt Ion: 56 Resp: 3132

Ion Ratio Lower Upper

56 100

69 194.1 27.3 40.9#

84 108.7 70.2 105.4#



#33

1,2-Dichloroethane-d4

Concen: 54.944 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD080089.D

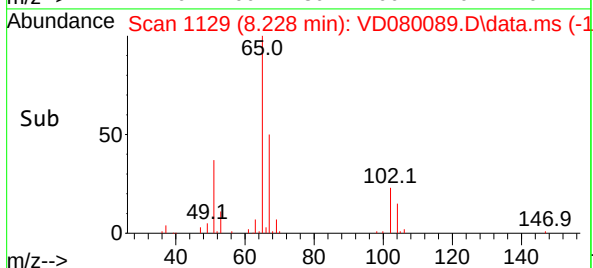
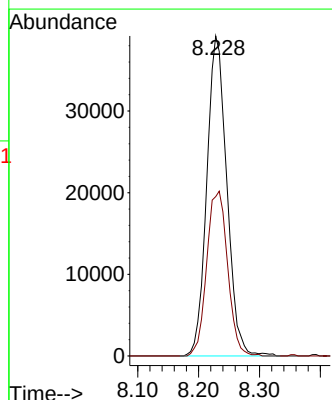
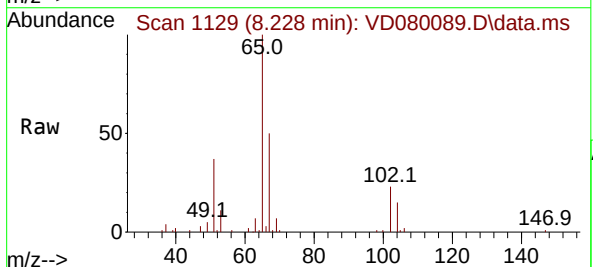
Acq: 19 Nov 2024 17:52

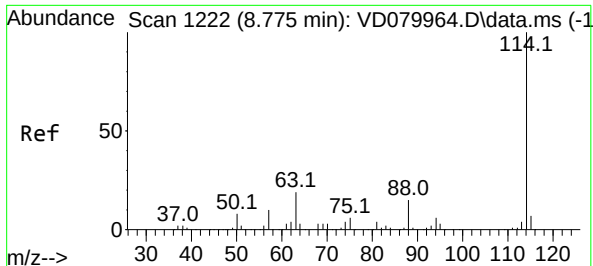
Tgt Ion: 65 Resp: 89596

Ion Ratio Lower Upper

65 100

67 53.7 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: VD080089.D

Acq: 19 Nov 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

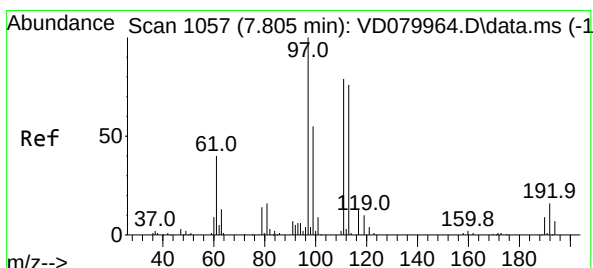
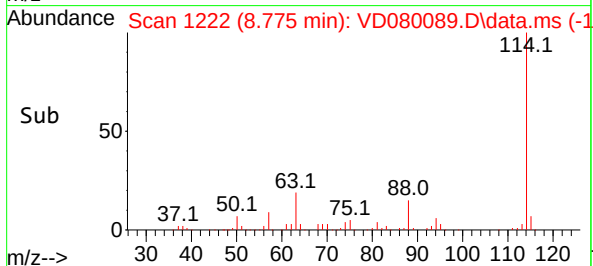
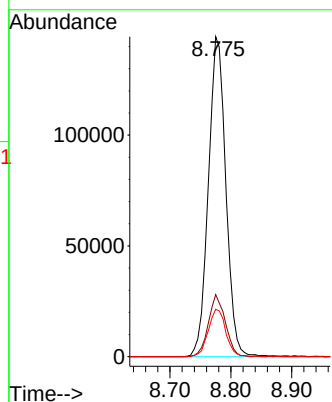
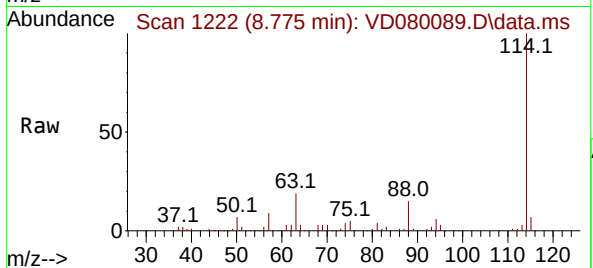
Tgt Ion:114 Resp: 288332

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD080089.D

Acq: 19 Nov 2024 17:52

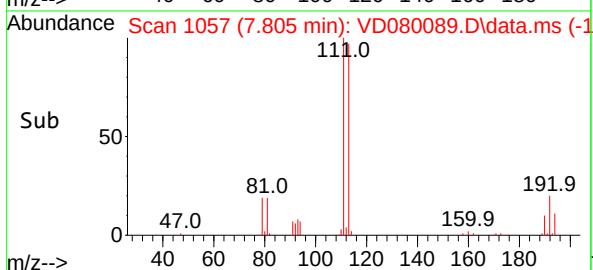
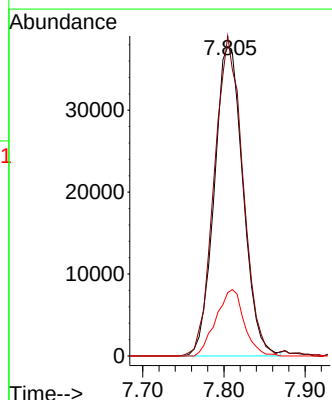
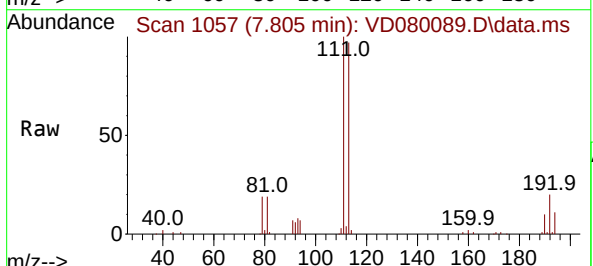
Tgt Ion:113 Resp: 93023

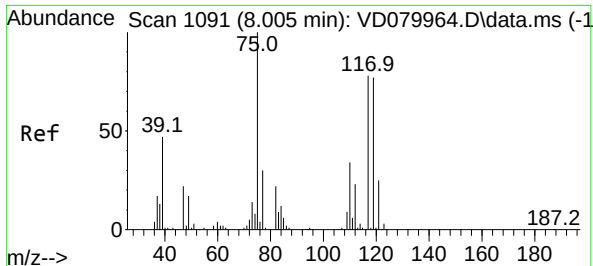
Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

192 20.9 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.427 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD080089.D

Acq: 19 Nov 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

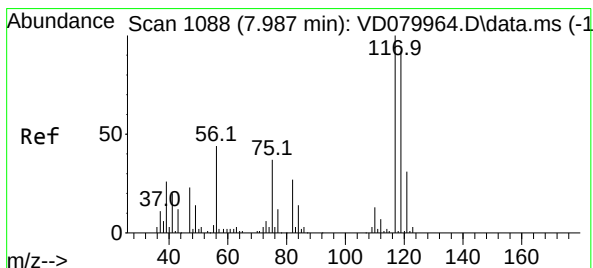
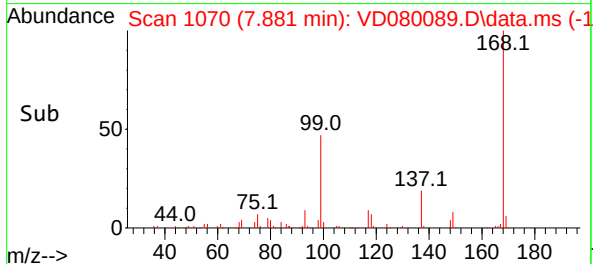
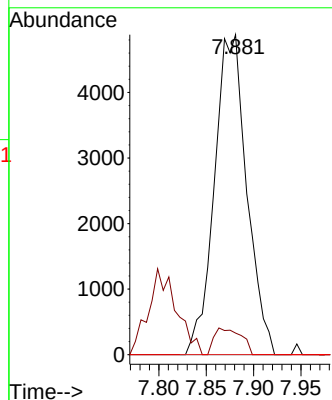
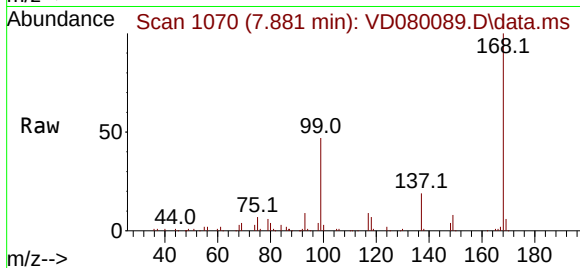
Tgt Ion: 75 Resp: 11615

Ion Ratio Lower Upper

75 100

110 6.9 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.293 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080089.D

Acq: 19 Nov 2024 17:52

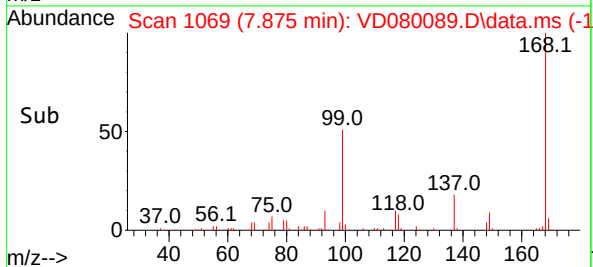
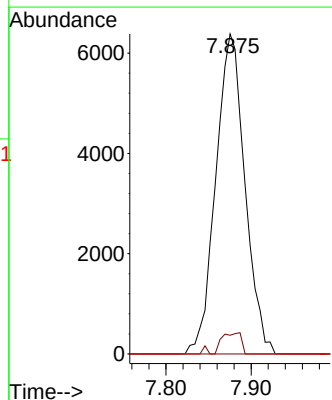
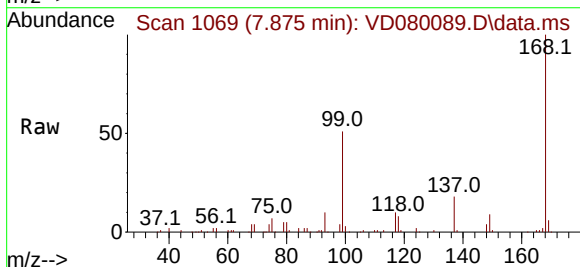
Tgt Ion: 117 Resp: 15174

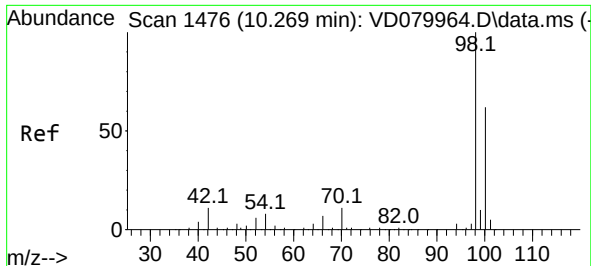
Ion Ratio Lower Upper

117 100

119 5.9 73.4 110.0#

121 0.0 24.5 36.7#

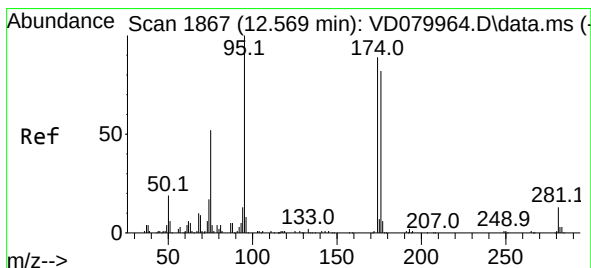
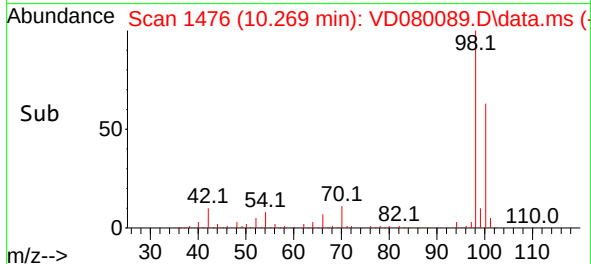
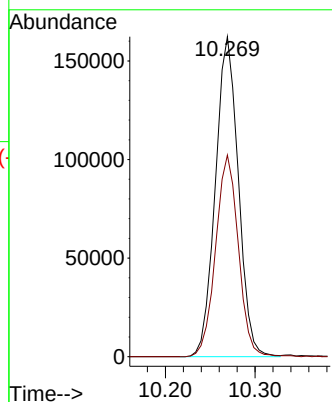
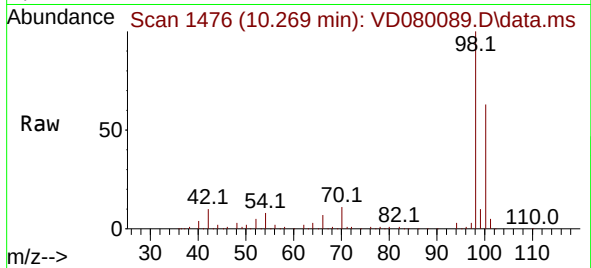




#50
Toluene-d8
Concen: 39.889 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

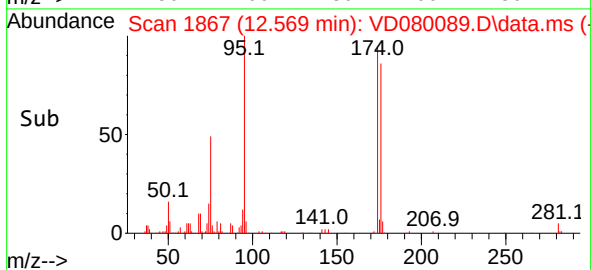
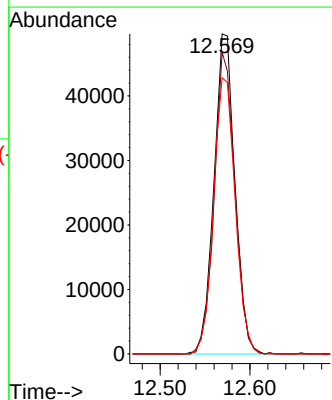
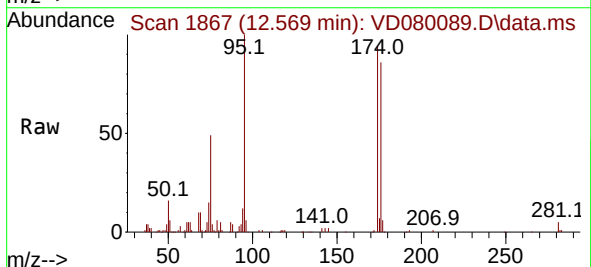
Instrument :
MSVOA_D
ClientSampleId :

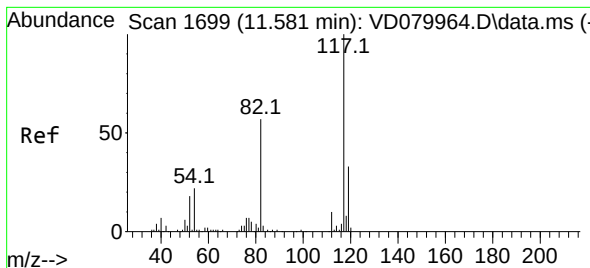
Tgt Ion: 98 Resp: 288498
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 33.862 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Tgt Ion: 95 Resp: 80352
Ion Ratio Lower Upper
95 100
174 93.1 0.0 173.4
176 89.3 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: VD080089.D

Acq: 19 Nov 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

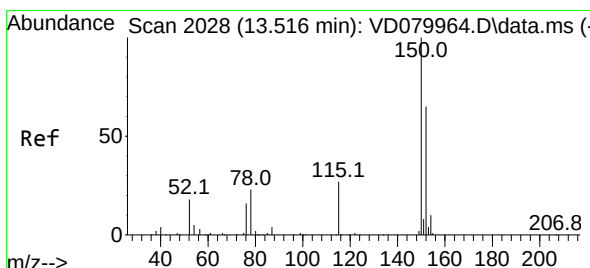
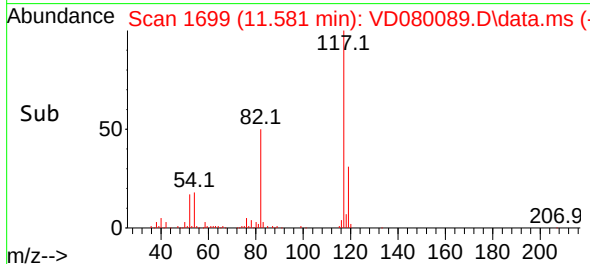
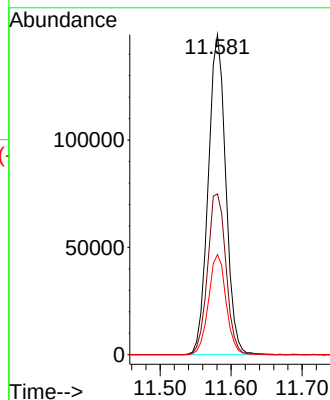
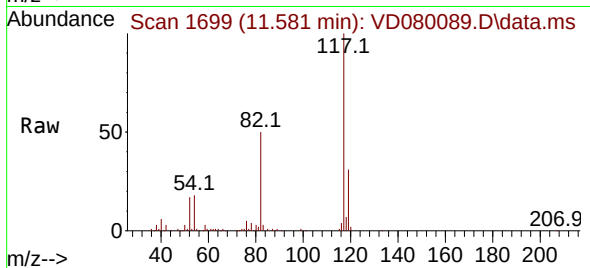
Tgt Ion:117 Resp: 256039

Ion Ratio Lower Upper

117 100

82 50.3 45.8 68.6

119 31.3 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: VD080089.D

Acq: 19 Nov 2024 17:52

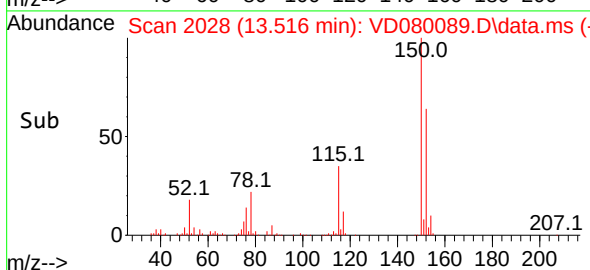
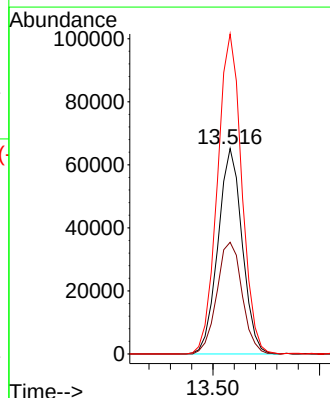
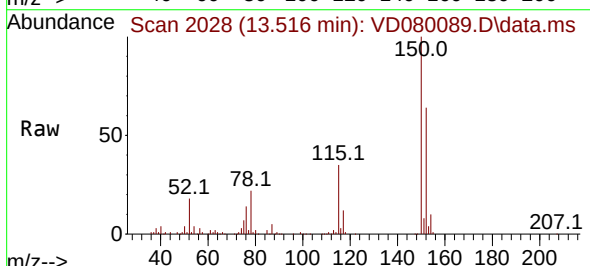
Tgt Ion:152 Resp: 102603

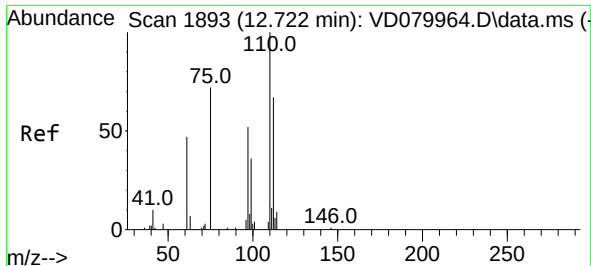
Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.8

150 156.4 0.0 354.8

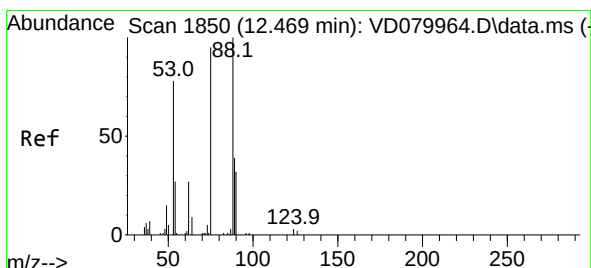
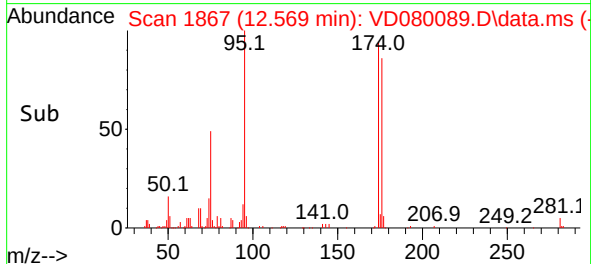
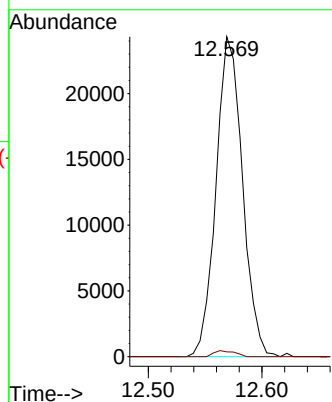
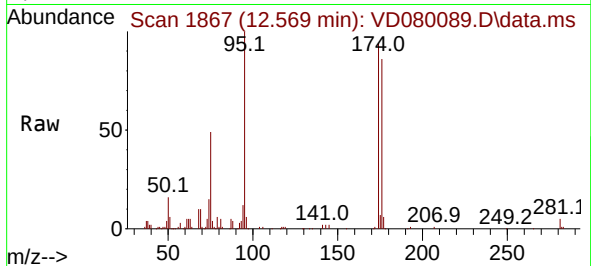




#76
1,2,3-Trichloropropane
Concen: 43.426 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 39344
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.877 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080089.D
Acq: 19 Nov 2024 17:52

Tgt Ion: 75 Resp: 39344
Ion Ratio Lower Upper
75 100
53 0.2 68.7 103.1#
89 0.2 36.1 54.1#

