

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080090.D
 Acq On : 19 Nov 2024 18:19
 Operator : RP/MD
 Sample : P4850-01
 Misc : 5.68G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 20 03:57:28 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)

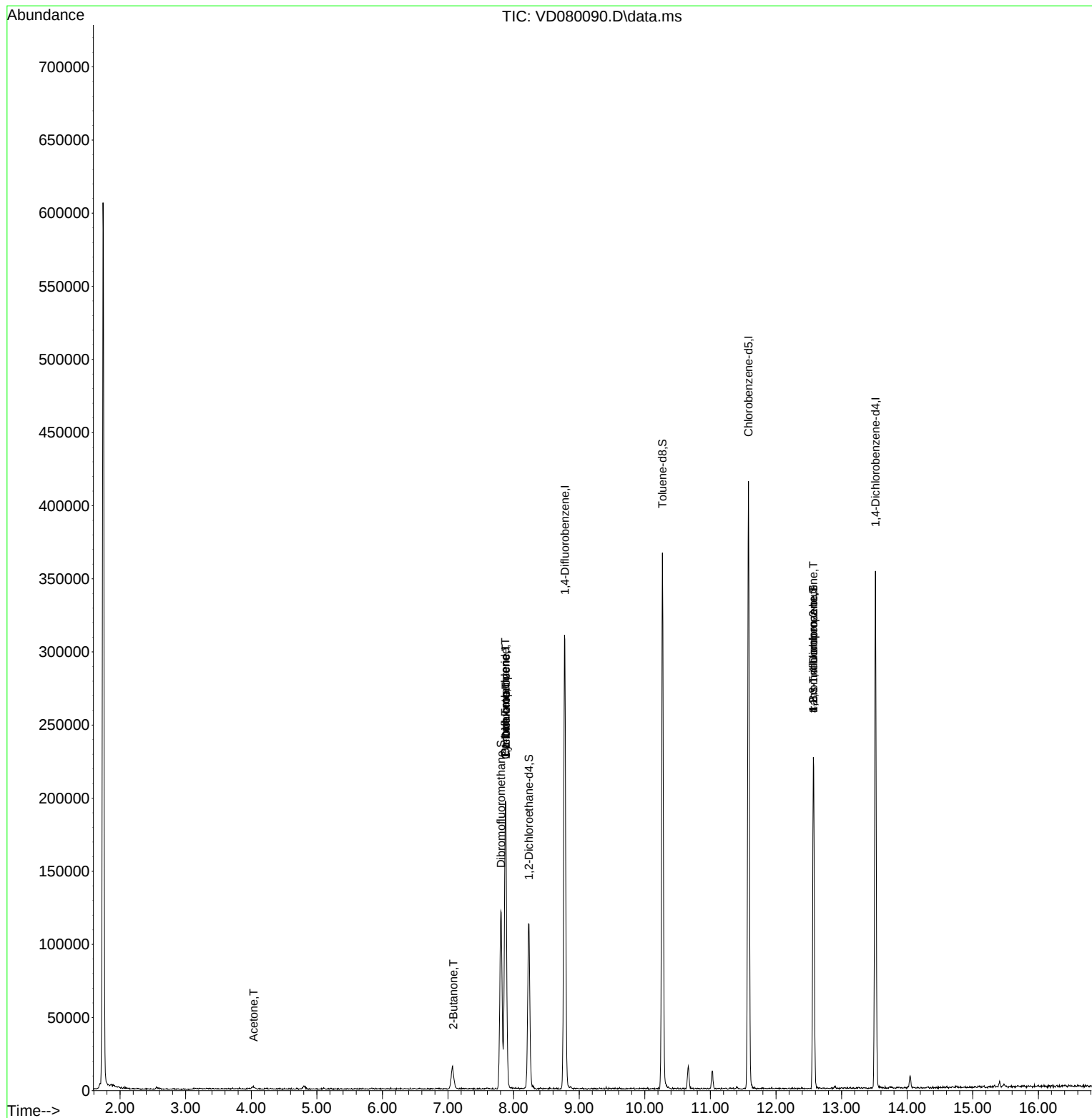
Internal Standards						
1) Pentafluorobenzene	7.875	168	158660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	280242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	89388	54.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.440%	
35) Dibromofluoromethane	7.810	113	88296	47.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.680%	
50) Toluene-d8	10.269	98	254333	36.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 72.360%	
62) 4-Bromofluorobenzene	12.569	95	68188	29.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 59.140%	
Target Compounds						Qvalue
5) Bromomethane	2.699	94	131	Below Cal	#	80
16) Acetone	4.034	43	2492	7.031	ug/l #	82
25) 2-Butanone	7.081	43	677	1.462	ug/l #	47
31) Cyclohexane	7.881	56	3191	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	12066	4.731	ug/l #	47
38) Carbon Tetrachloride	7.875	117	14591	5.236	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	34143	40.361	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	34143	82.604	ug/l #	15

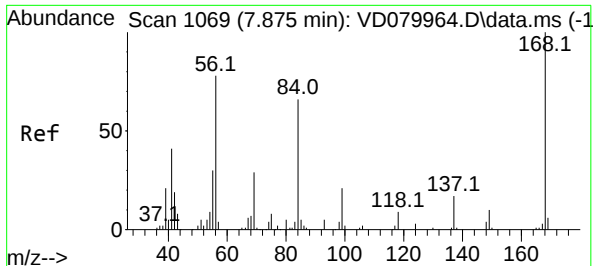
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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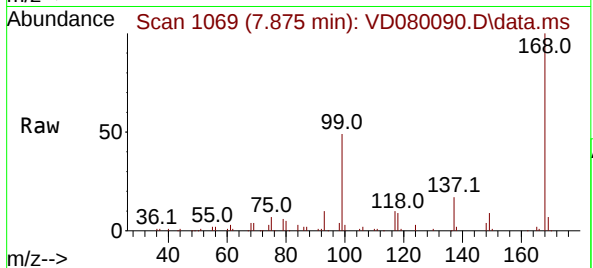
Quant Time: Nov 20 03:57:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration



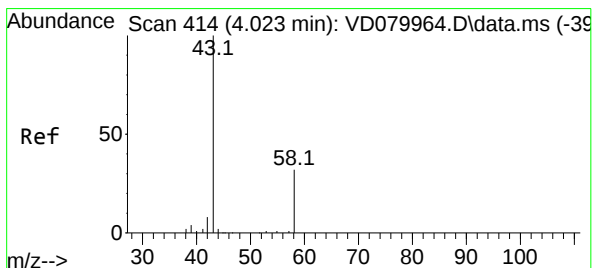
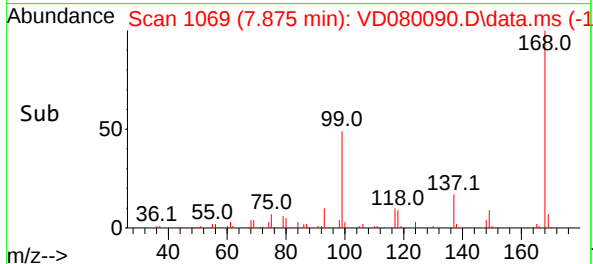
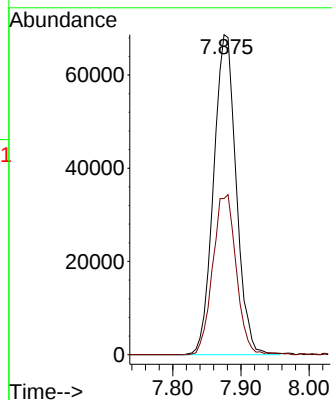


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Instrument :
MSVOA_D
ClientSampleId :

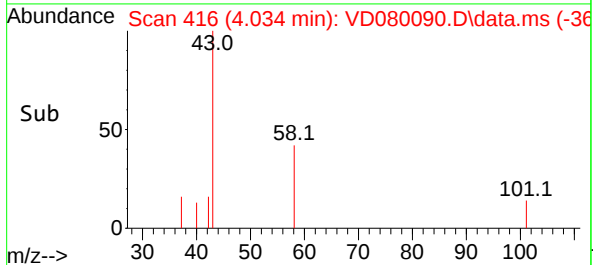
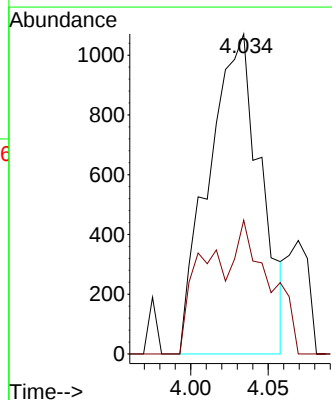
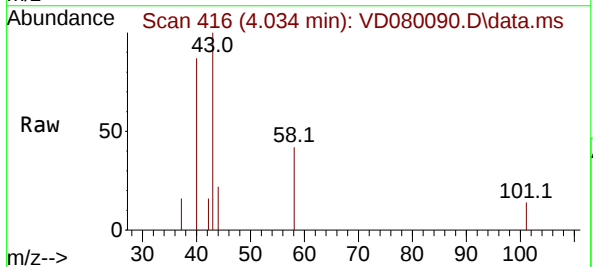


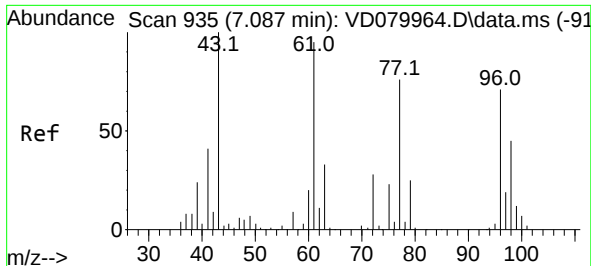
Tgt Ion:168 Resp: 158660
Ion Ratio Lower Upper
168 100
99 48.8 46.0 69.0



#16
Acetone
Concen: 7.031 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.011 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
58 41.8 25.4 38.2#

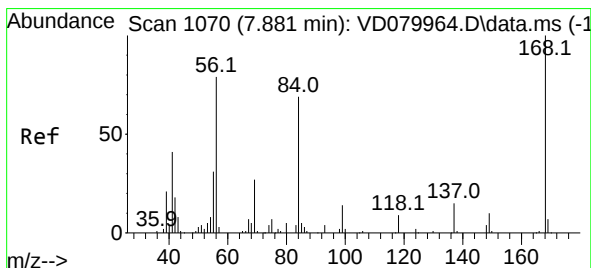
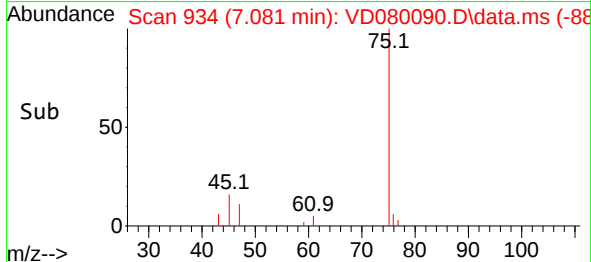
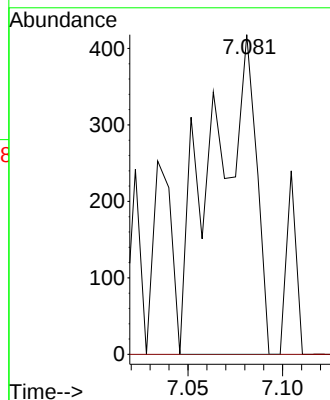
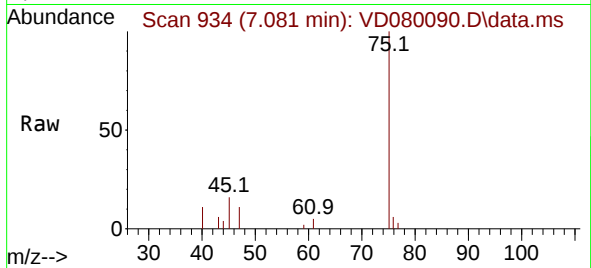




#25
2-Butanone
Concen: 1.462 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

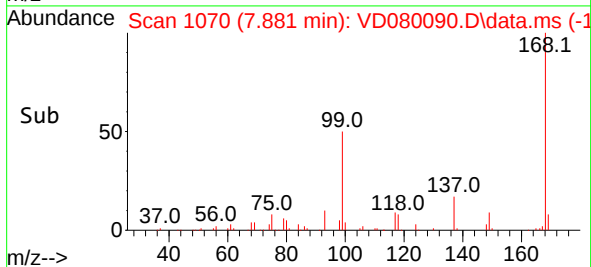
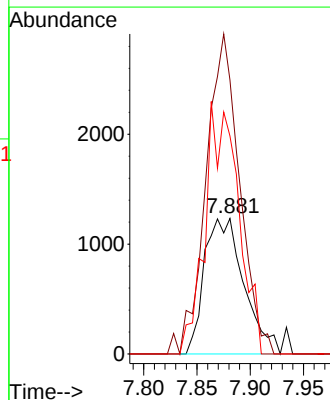
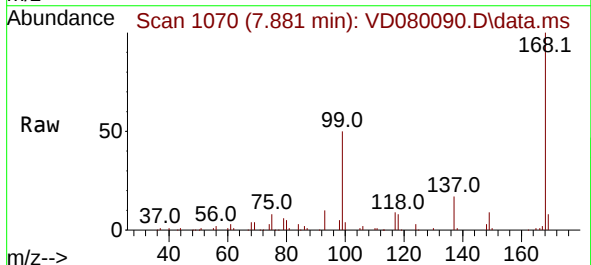
Instrument :
MSVOA_D
ClientSampleId :

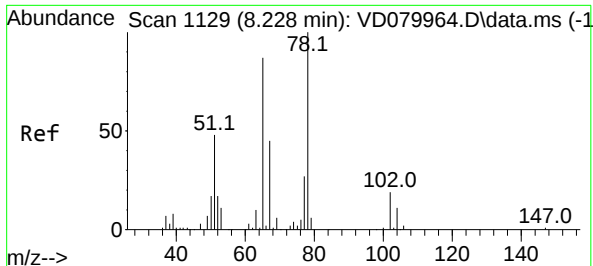
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Tgt Ion: 56 Resp: 3191
Ion Ratio Lower Upper
56 100
69 202.0 27.3 40.9#
84 188.3 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 54.720 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD080090.D

Acq: 19 Nov 2024 18:19

Instrument :

MSVOA_D

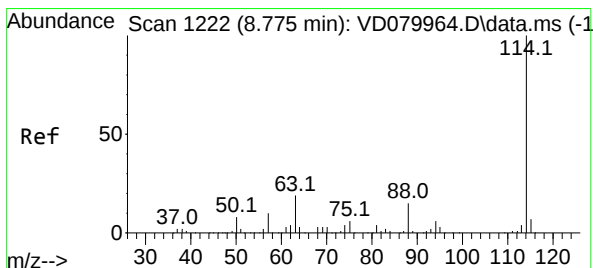
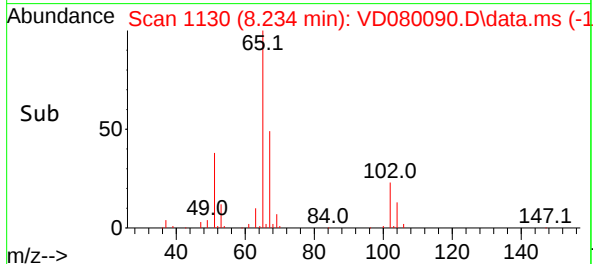
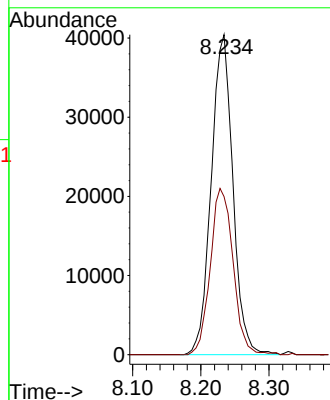
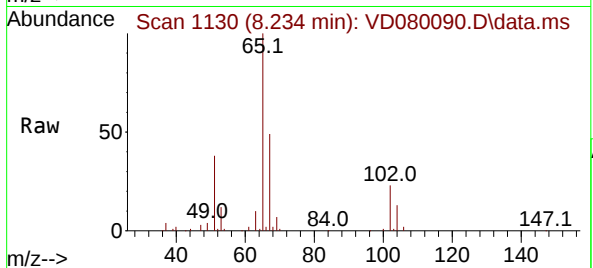
ClientSampleId :

Tgt Ion: 65 Resp: 89388

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD080090.D

Acq: 19 Nov 2024 18:19

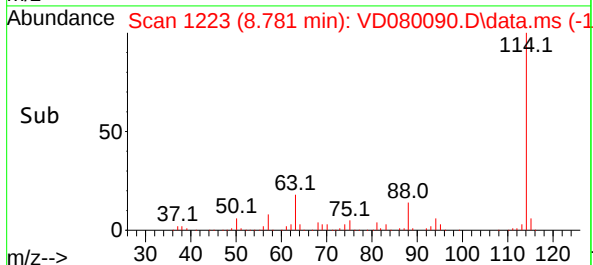
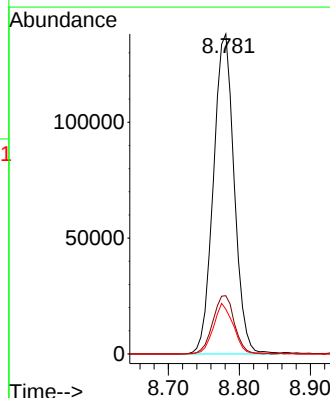
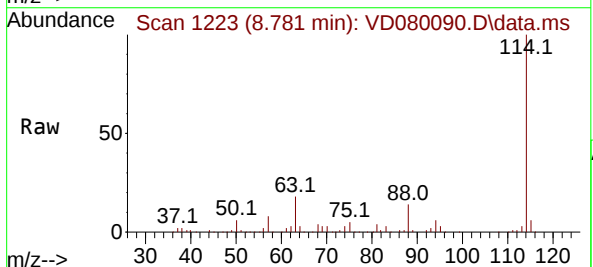
Tgt Ion: 114 Resp: 280242

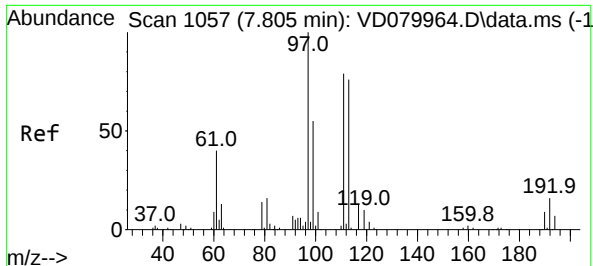
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.8

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.341 ug/l

RT: 7.810 min Scan# 1070

Delta R.T. 0.005 min

Lab File: VD080090.D

Acq: 19 Nov 2024 18:19

Instrument :

MSVOA_D

ClientSampleId :

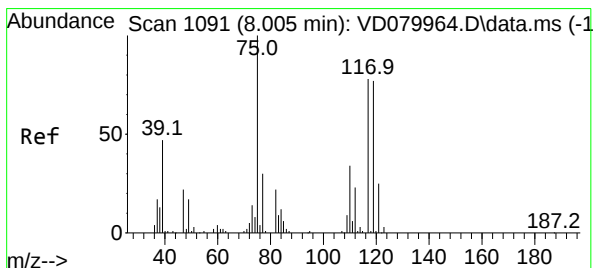
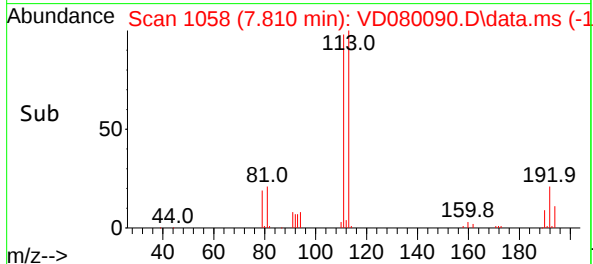
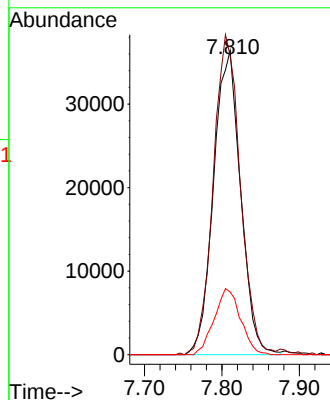
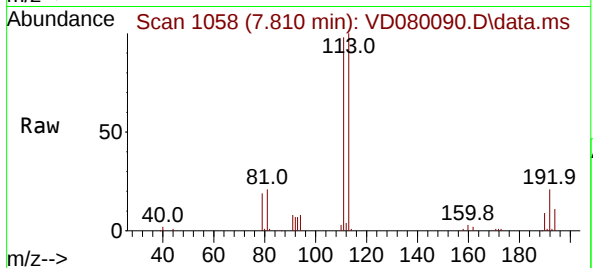
Tgt Ion:113 Resp: 88296

Ion Ratio Lower Upper

113 100

111 104.6 82.5 123.7

192 21.2 16.6 25.0



#36

1,1-Dichloropropene

Concen: 4.731 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD080090.D

Acq: 19 Nov 2024 18:19

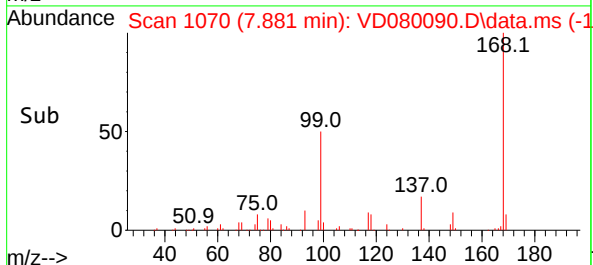
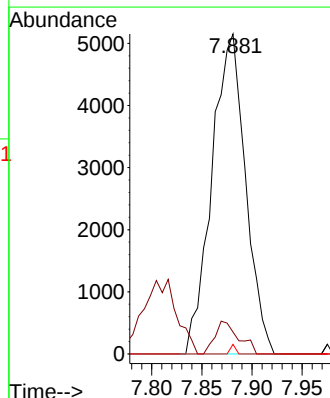
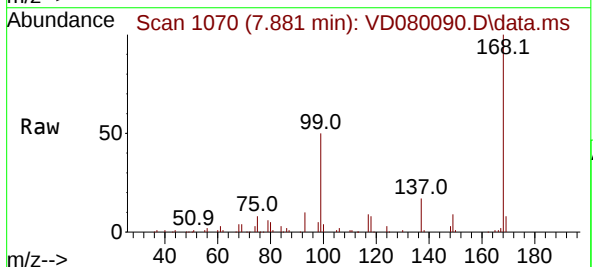
Tgt Ion: 75 Resp: 12066

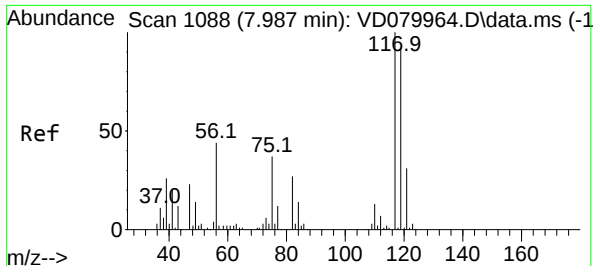
Ion Ratio Lower Upper

75 100

110 7.2 18.4 55.0#

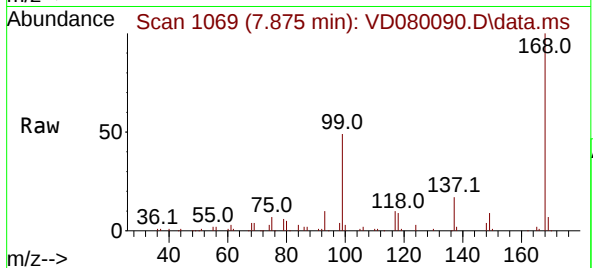
77 0.4 25.6 38.4#



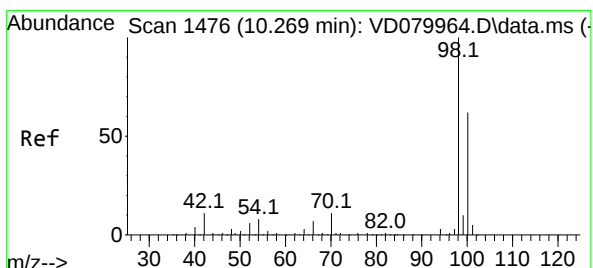
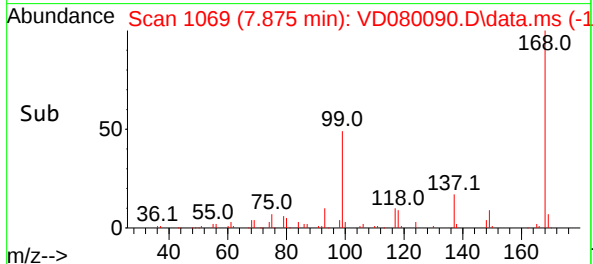
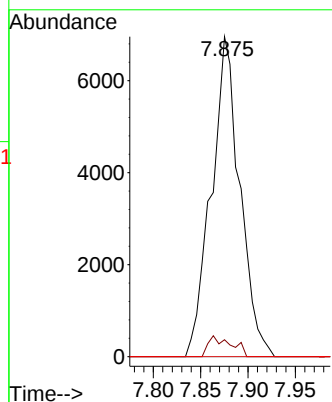


#38
Carbon Tetrachloride
Concen: 5.236 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Instrument :
MSVOA_D
ClientSampleId :

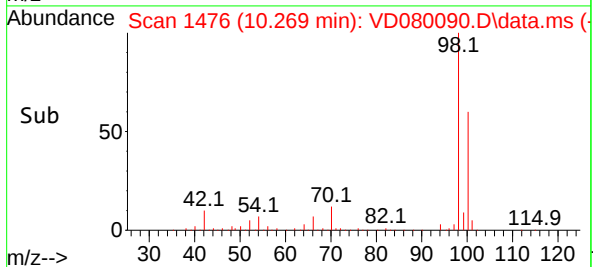
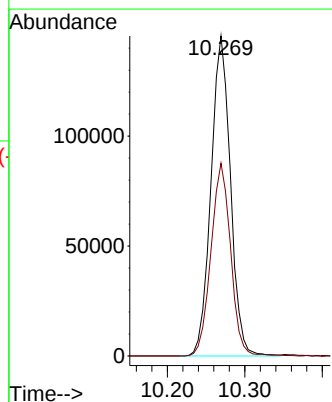
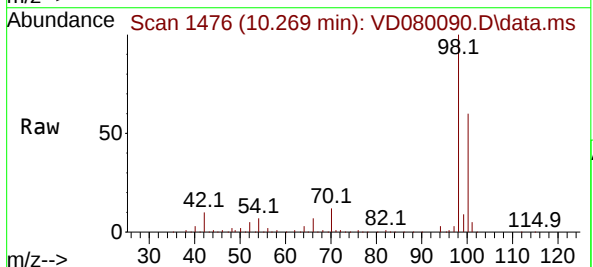


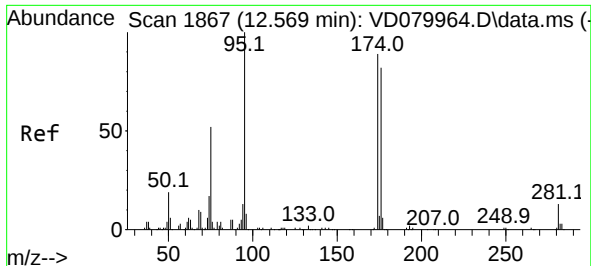
Tgt Ion:117 Resp: 14591
Ion Ratio Lower Upper
117 100
119 5.3 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 36.181 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Tgt Ion: 98 Resp: 254333
Ion Ratio Lower Upper
98 100
100 60.8 50.2 75.4

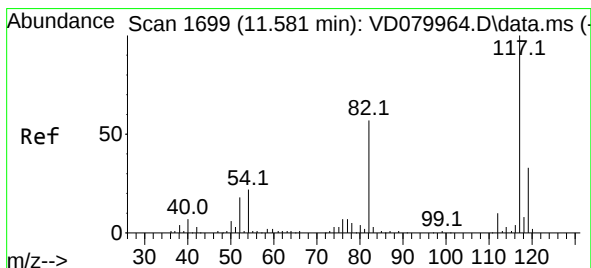
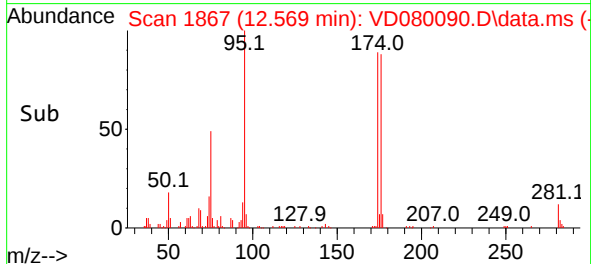
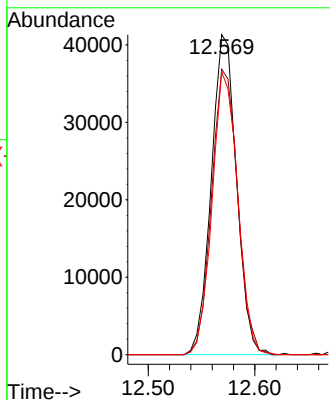
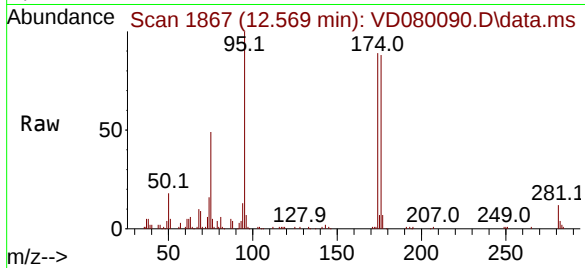




#62
4-Bromofluorobenzene
Concen: 29.566 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

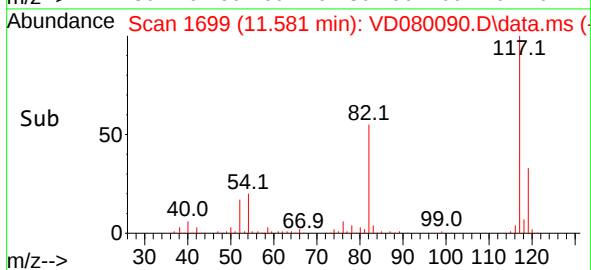
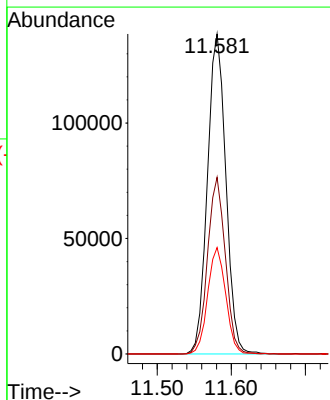
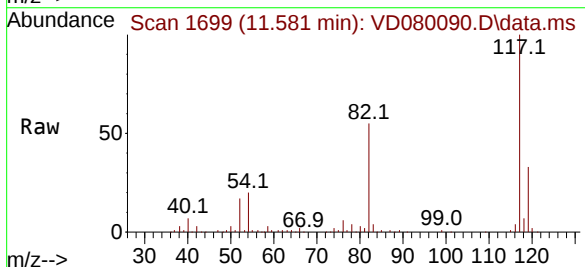
Instrument :
MSVOA_D
ClientSampleId :

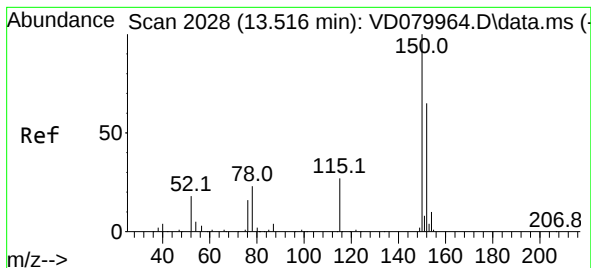
Tgt Ion: 95 Resp: 68188
Ion Ratio Lower Upper
95 100
174 91.6 0.0 173.4
176 89.5 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Tgt Ion: 117 Resp: 239524
Ion Ratio Lower Upper
117 100
82 55.2 45.8 68.6
119 33.2 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: VD080090.D

Acq: 19 Nov 2024 18:19

Instrument :

MSVOA_D

ClientSampleId :

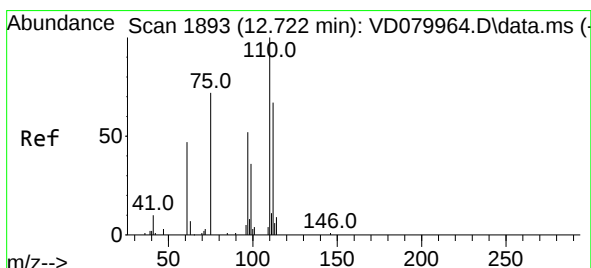
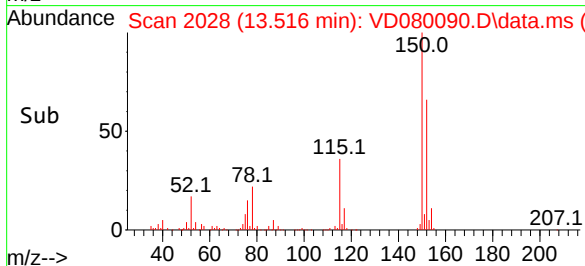
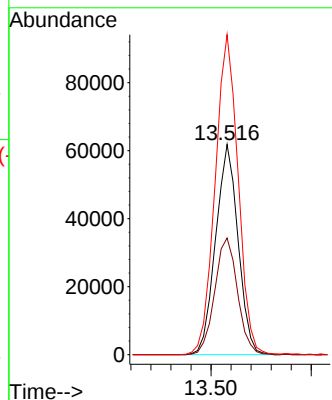
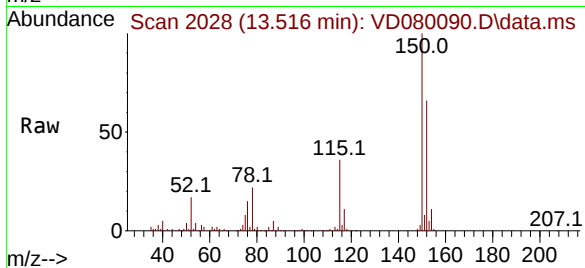
Tgt Ion:152 Resp: 95801

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.8

150 155.7 0.0 354.8



#76

1,2,3-Trichloropropane

Concen: 40.361 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD080090.D

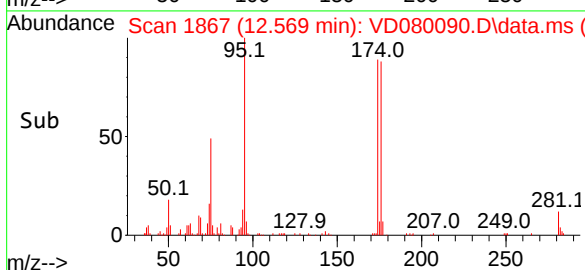
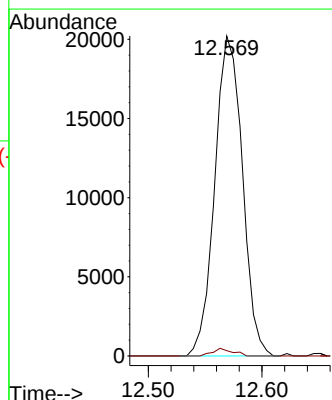
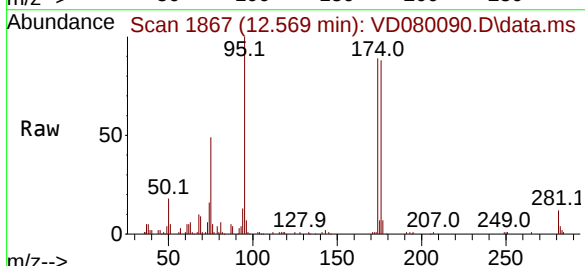
Acq: 19 Nov 2024 18:19

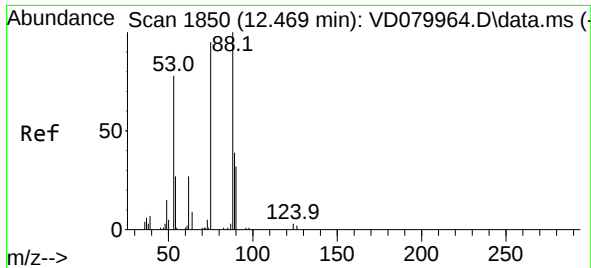
Tgt Ion: 75 Resp: 34143

Ion Ratio Lower Upper

75 100

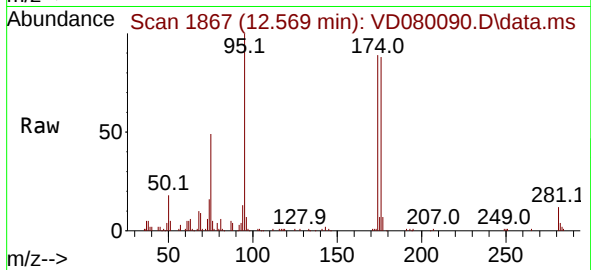
77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.604 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.7	103.1#
89	0.2	36.1	54.1#

