

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080039.D
 Acq On : 17 Nov 2024 13:55
 Operator : RP/MD
 Sample : VD1117SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:21:32 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)

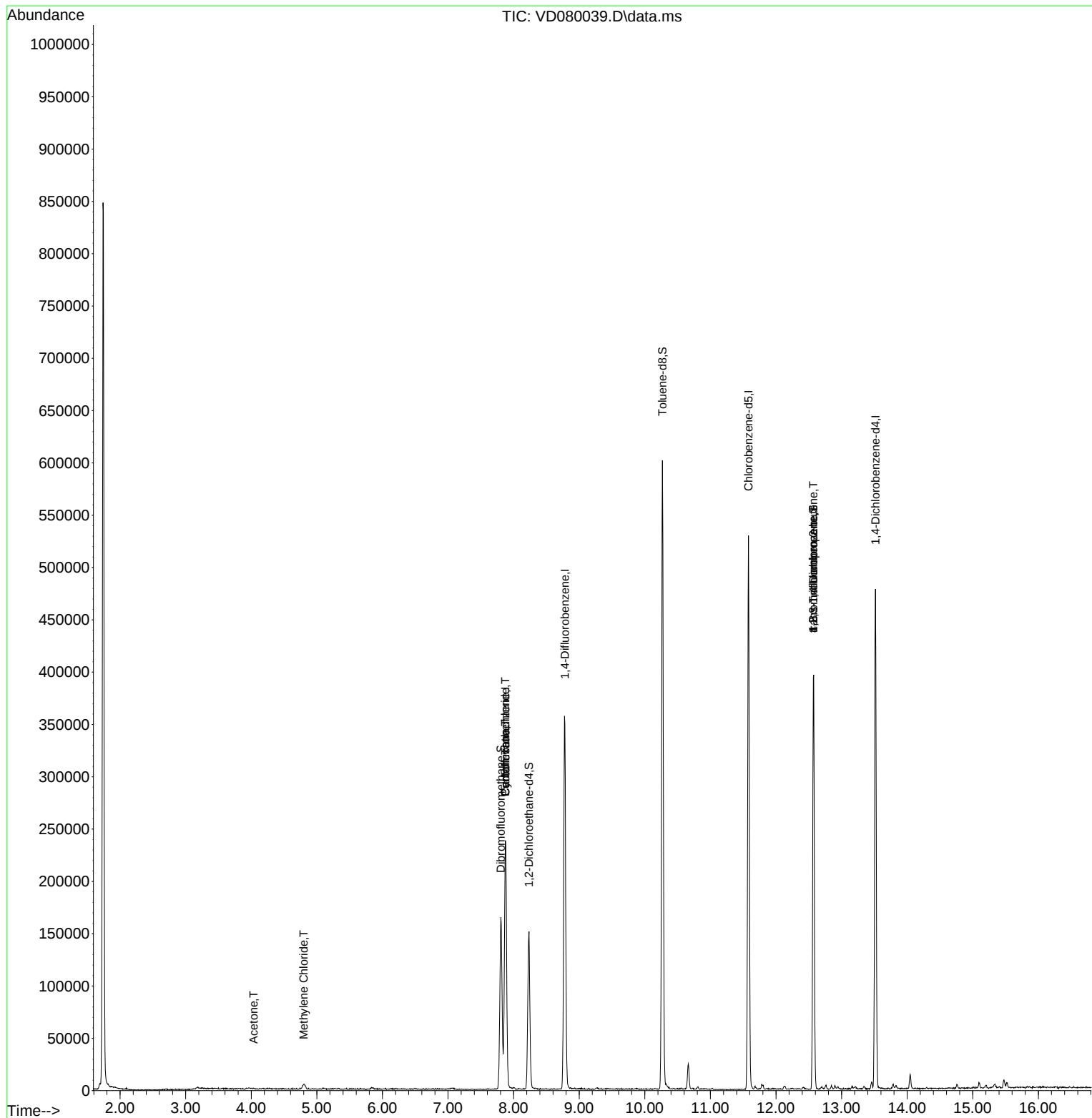
Internal Standards						
1) Pentafluorobenzene	7.875	168	193192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	327480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	118660	59.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.320%	
35) Dibromofluoromethane	7.805	113	119527	54.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.680%	
50) Toluene-d8	10.269	98	421612	51.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.569	95	128341	47.621	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.711	94	464	Below Cal		85
16) Acetone	4.034	43	445	1.031	ug/l #	45
20) Methylene Chloride	4.799	84	3958	1.710	ug/l #	78
31) Cyclohexane	7.875	56	4595	1.419	ug/l #	5
38) Carbon Tetrachloride	7.875	117	17800	5.467	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	61178	51.868	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	61178	106.156	ug/l #	15

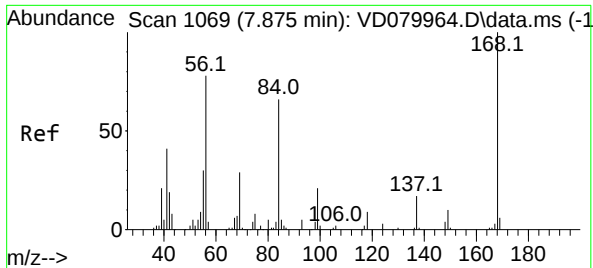
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

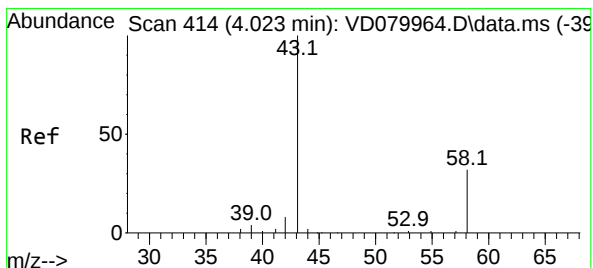
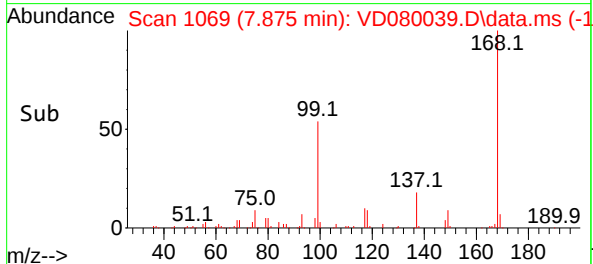
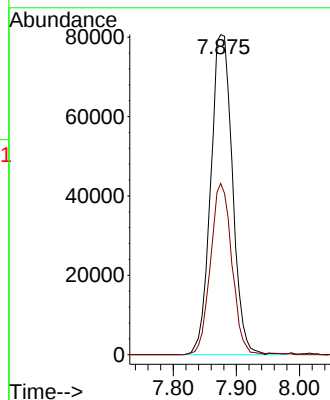
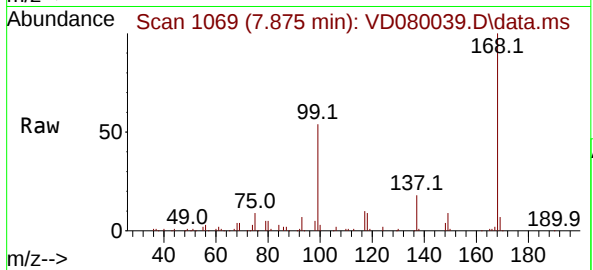




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

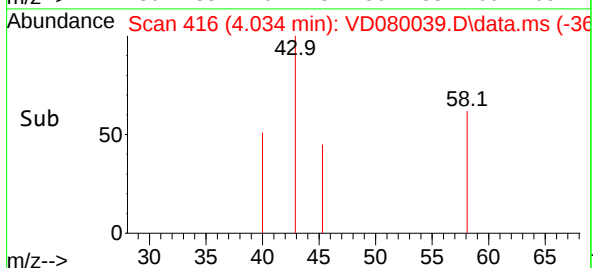
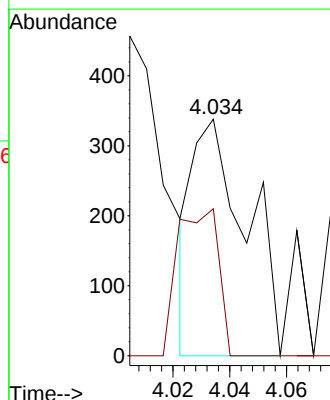
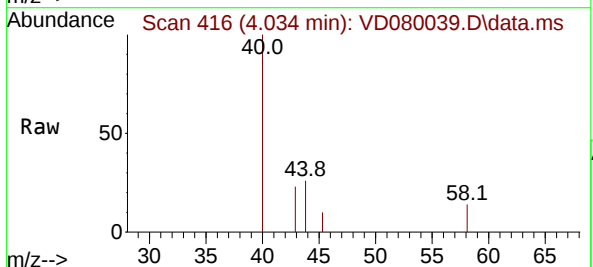
Instrument :
MSVOA_D
ClientSampleId :

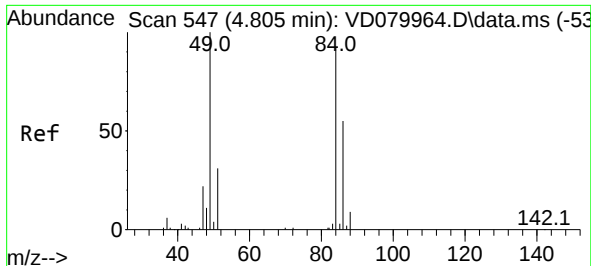
Tgt Ion:168 Resp: 193192
Ion Ratio Lower Upper
168 100
99 53.5 46.0 69.0



#16
Acetone
Concen: 1.031 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.011 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

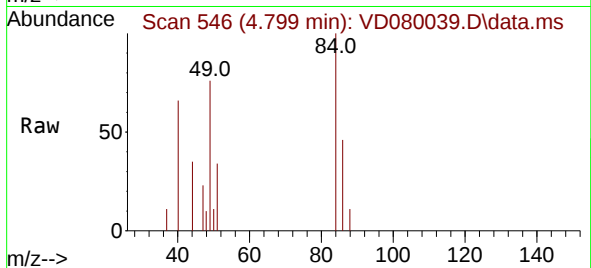
Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
58 62.1 25.4 38.2#



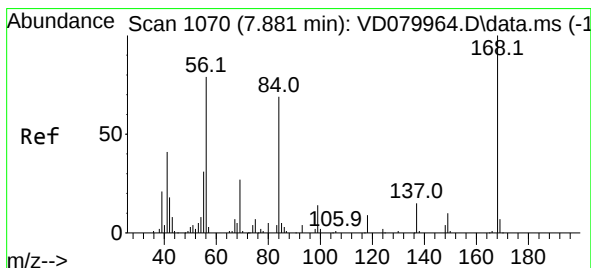
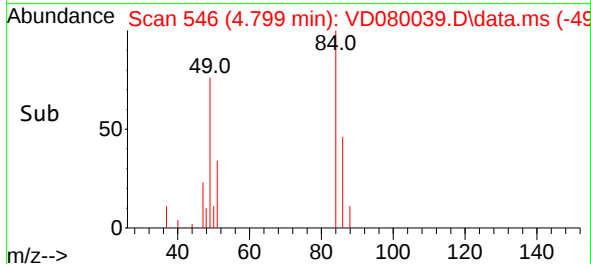
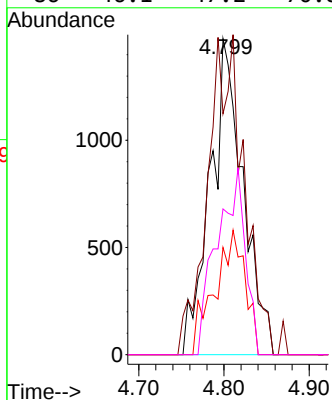


#20
Methylene Chloride
Concen: 1.710 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

Instrument :
MSVOA_D
ClientSampleId :

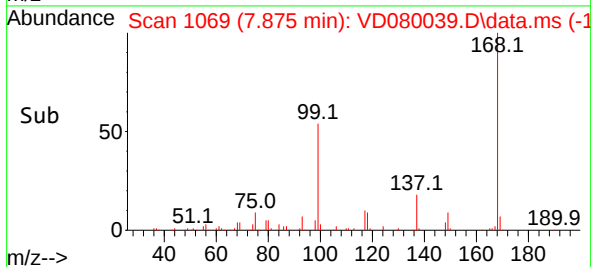
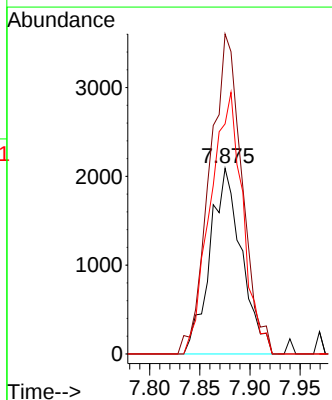
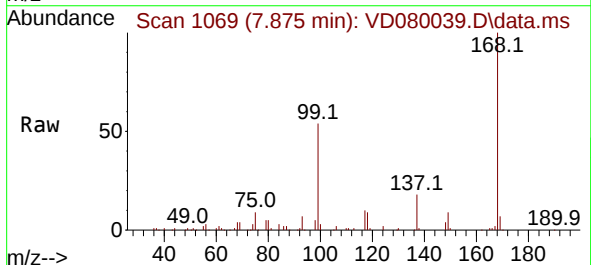


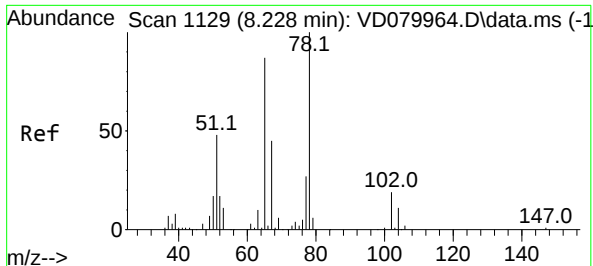
Tgt Ion:	84	Resp:	3958
Ion	Ratio	Lower	Upper
84	100		
49	76.3	86.5	129.7#
51	33.9	26.9	40.3
86	46.1	47.2	70.8#



#31
Cyclohexane
Concen: 1.419 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

Tgt Ion:	56	Resp:	4595
Ion	Ratio	Lower	Upper
56	100		
69	172.4	27.3	40.9#
84	123.9	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 59.655 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD080039.D

Acq: 17 Nov 2024 13:55

Instrument :

MSVOA_D

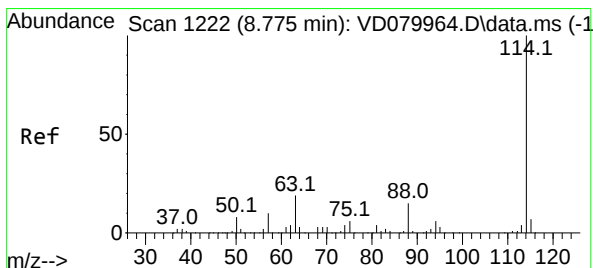
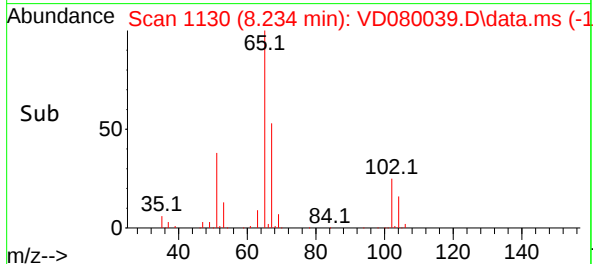
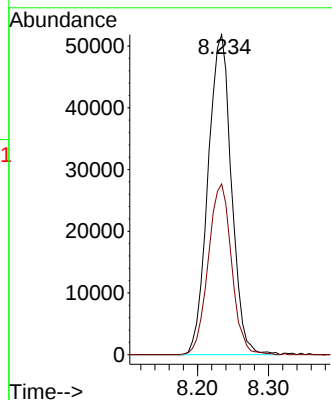
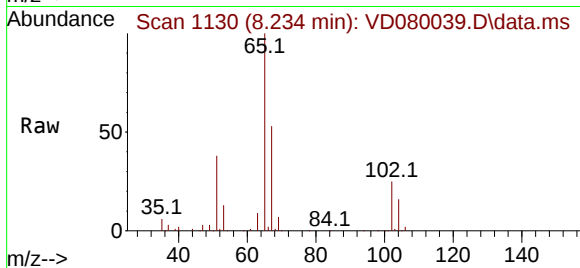
ClientSampleId :

Tgt Ion: 65 Resp: 118660

Ion Ratio Lower Upper

65 100

67 53.2 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: VD080039.D

Acq: 17 Nov 2024 13:55

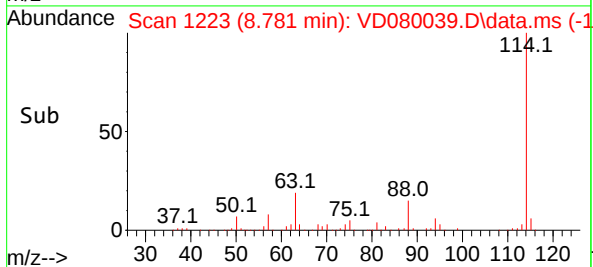
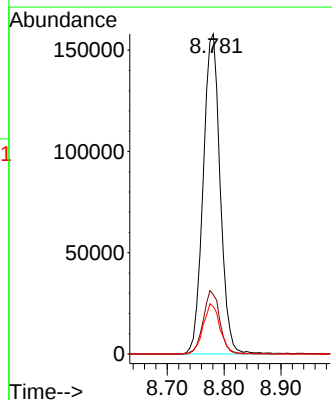
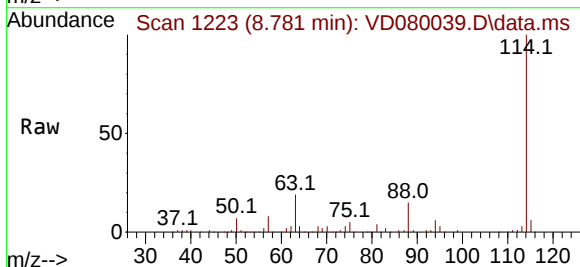
Tgt Ion: 114 Resp: 327480

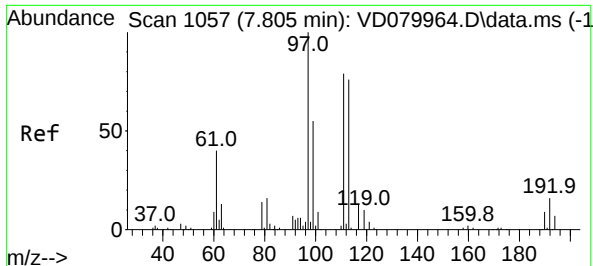
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.842 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

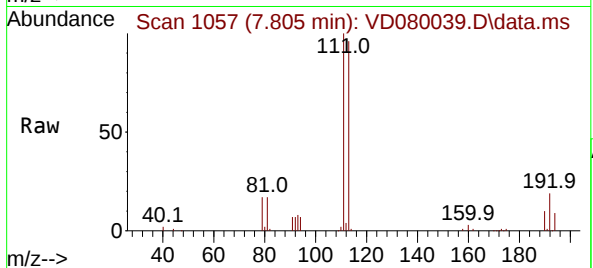
Lab File: VD080039.D

Acq: 17 Nov 2024 13:55

Instrument :

MSVOA_D

ClientSampleId :



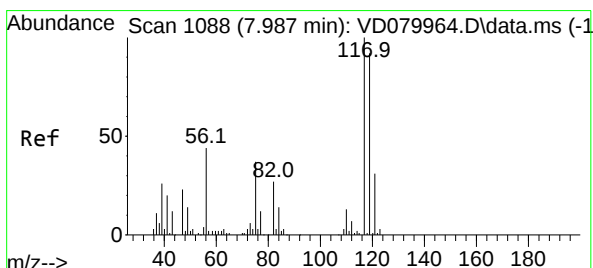
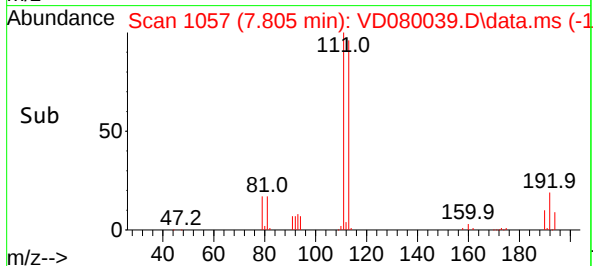
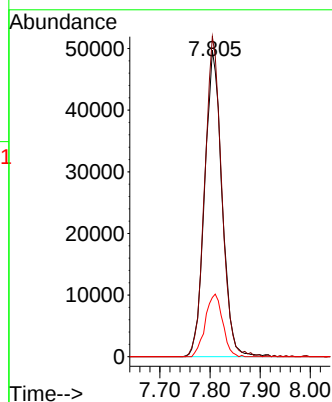
Tgt Ion:113 Resp: 119527

Ion Ratio Lower Upper

113 100

111 102.2 82.5 123.7

192 20.4 16.6 25.0



#38

Carbon Tetrachloride

Concen: 5.467 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080039.D

Acq: 17 Nov 2024 13:55

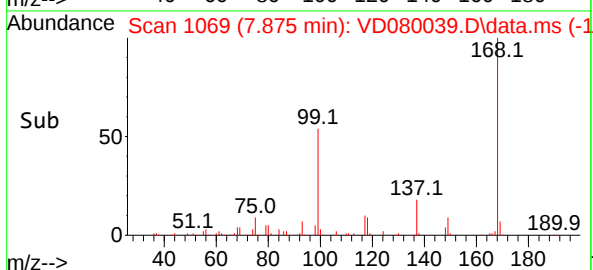
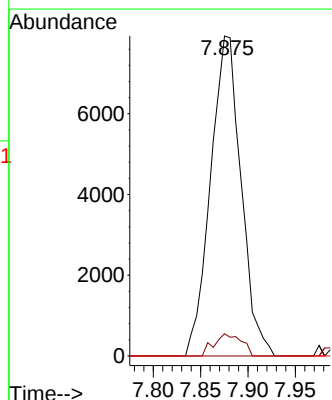
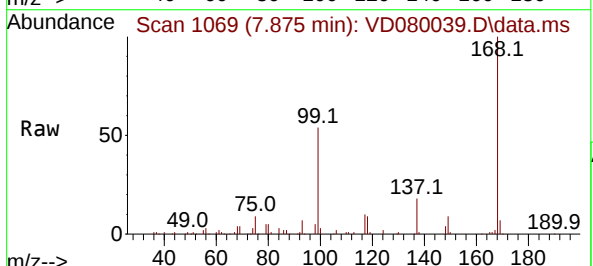
Tgt Ion:117 Resp: 17800

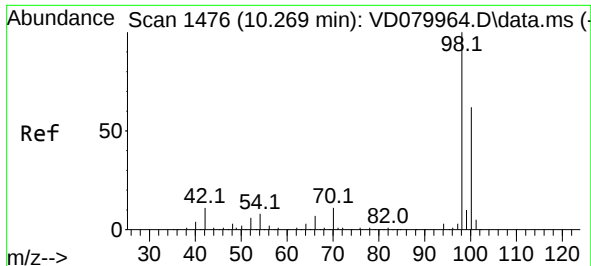
Ion Ratio Lower Upper

117 100

119 6.9 73.4 110.0#

121 0.0 24.5 36.7#

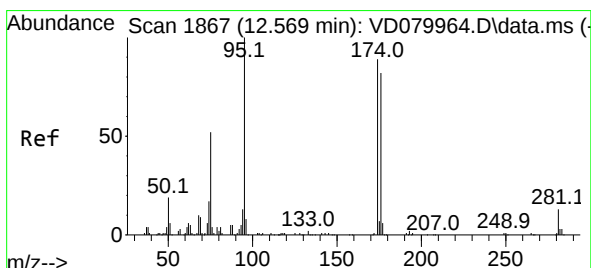
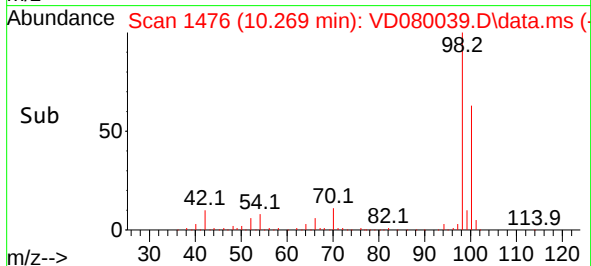
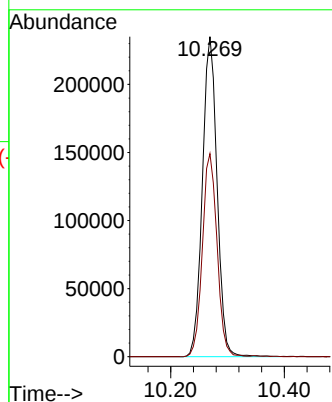
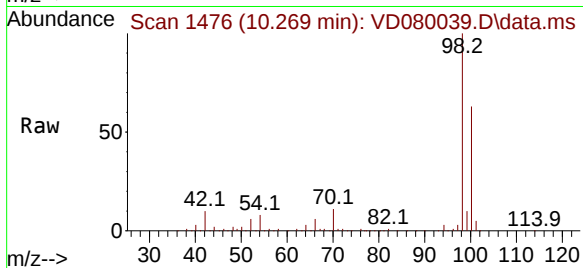




#50
Toluene-d8
Concen: 51.326 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

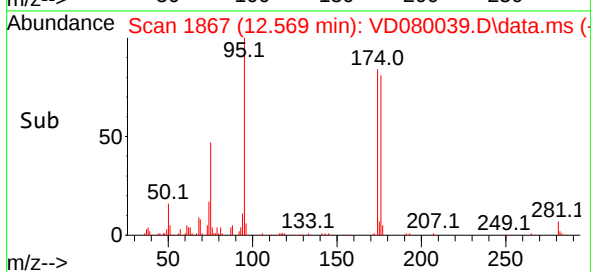
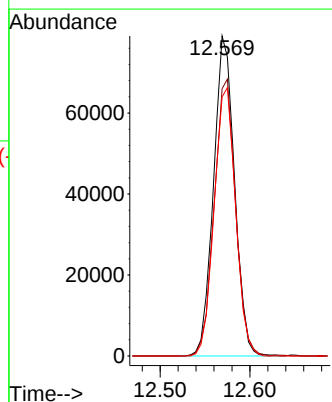
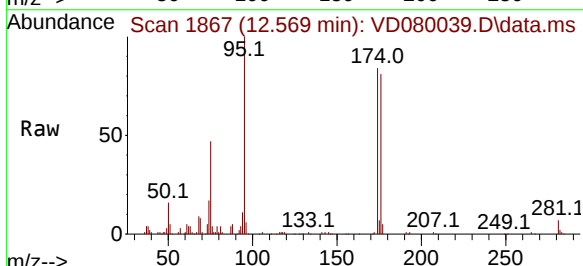
Instrument :
MSVOA_D
ClientSampleId :

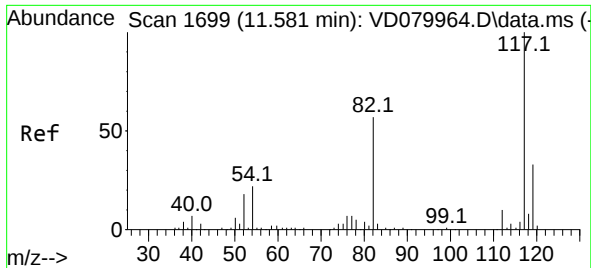
Tgt Ion: 98 Resp: 421612
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 47.621 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

Tgt Ion: 95 Resp: 128341
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.4
176 85.5 0.0 166.6

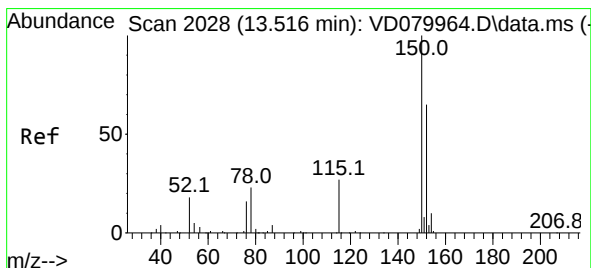
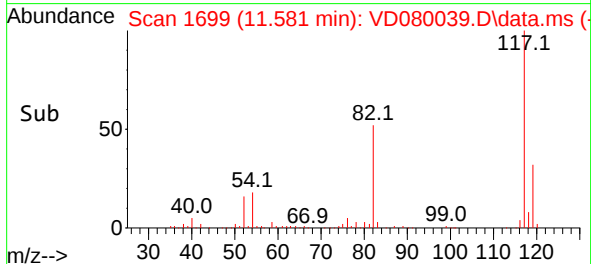
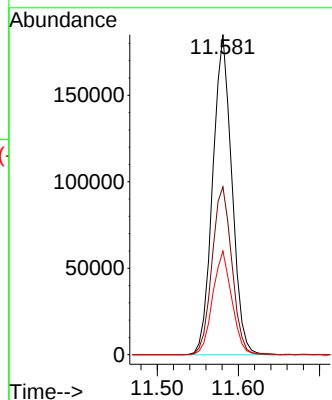
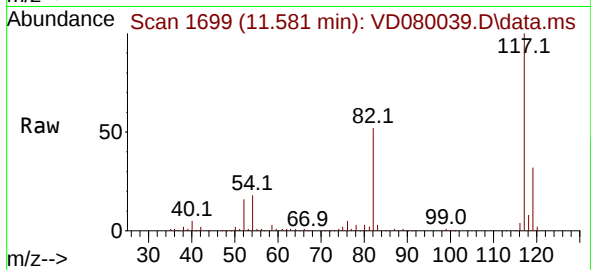




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

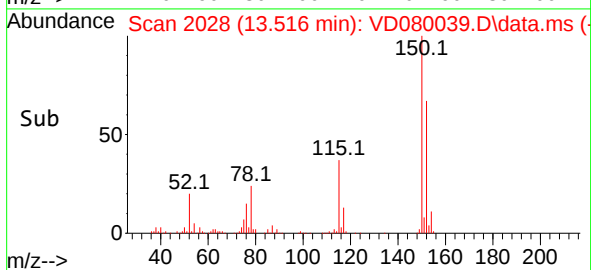
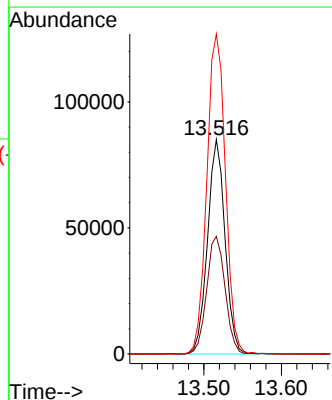
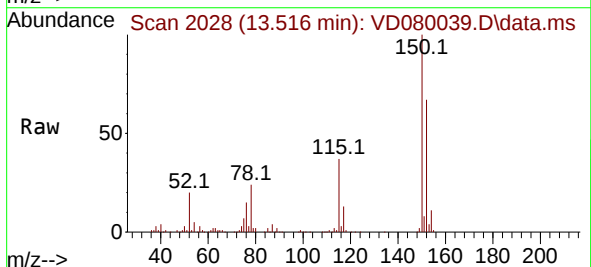
Instrument :
MSVOA_D
ClientSampleId :

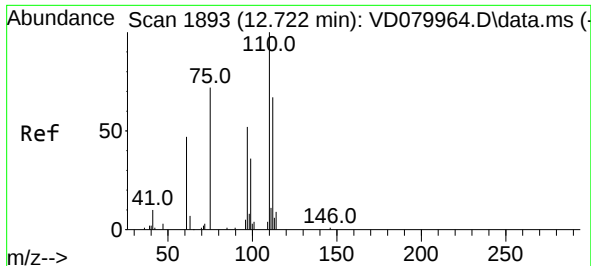
Tgt Ion:117 Resp: 302809
Ion Ratio Lower Upper
117 100
82 52.5 45.8 68.6
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

Tgt Ion:152 Resp: 133574
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.8
150 158.1 0.0 354.8

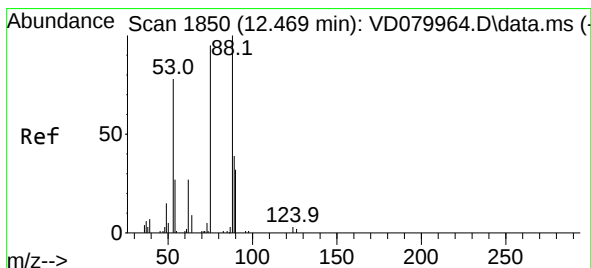
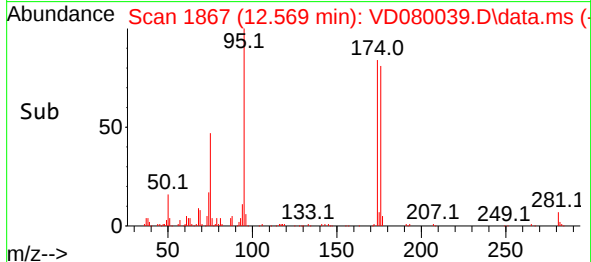
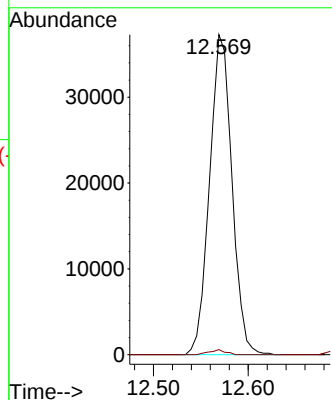
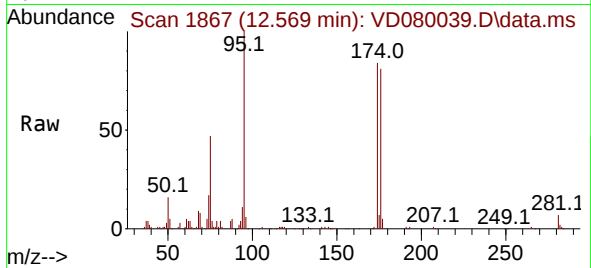




#76
1,2,3-Trichloropropane
Concen: 51.868 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 61178
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.156 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080039.D
Acq: 17 Nov 2024 13:55

Tgt Ion: 75 Resp: 61178
Ion Ratio Lower Upper
75 100
53 0.2 68.7 103.1#
89 0.0 36.1 54.1#

