

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080051.D
 Acq On : 17 Nov 2024 19:22
 Operator : RP/MD
 Sample : P4859-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:27:50 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)

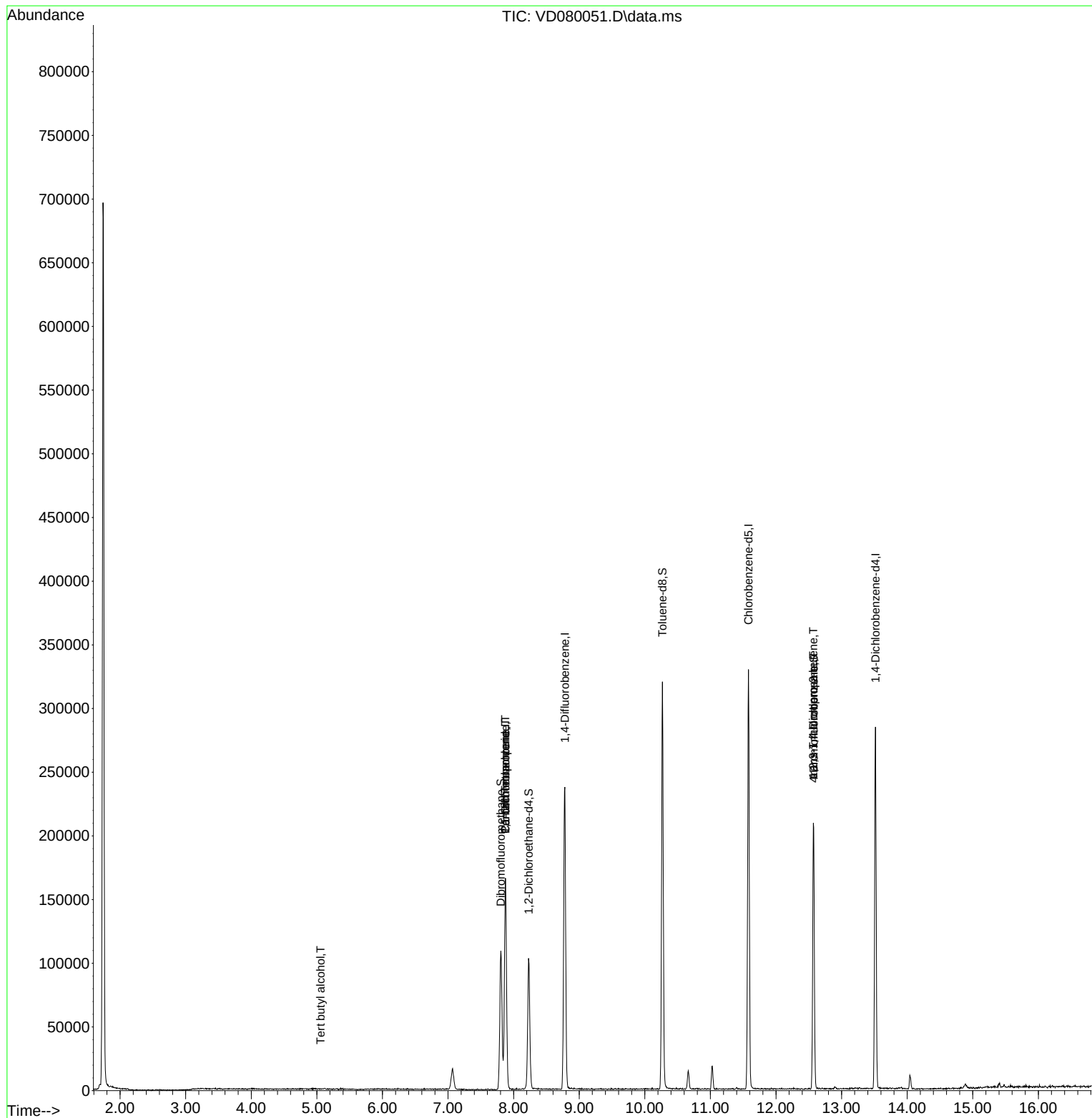
Internal Standards						
1) Pentafluorobenzene	7.875	168	138390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	219788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80233	56.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.620%	
35) Dibromofluoromethane	7.805	113	78472	53.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.300%	
50) Toluene-d8	10.269	98	222240	40.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.620%	
62) 4-Bromofluorobenzene	12.575	95	63658	35.194	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.717	94	58	Below Cal	#	2
11) Tert butyl alcohol	5.058	59	131	1.767	ug/l #	82
36) 1,1-Dichloropropene	7.875	75	8975	4.487	ug/l #	48
38) Carbon Tetrachloride	7.875	117	12658	5.792	ug/l #	20
76) 1,2,3-Trichloropropane	12.569	75	31291	44.852	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	31291	91.796	ug/l #	15

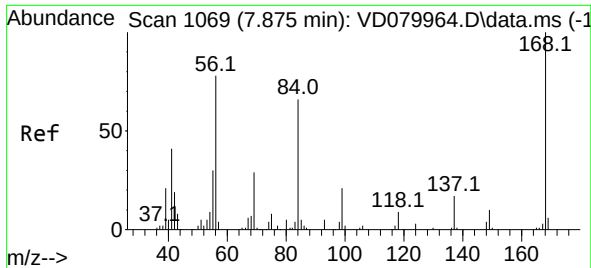
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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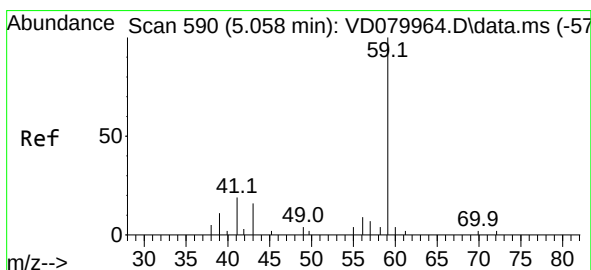
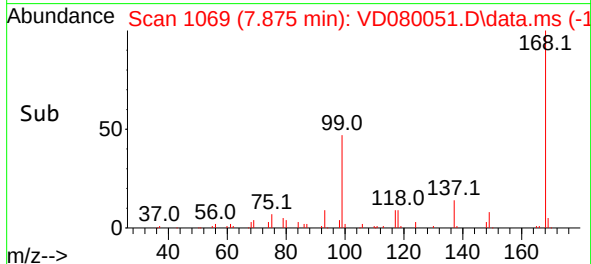
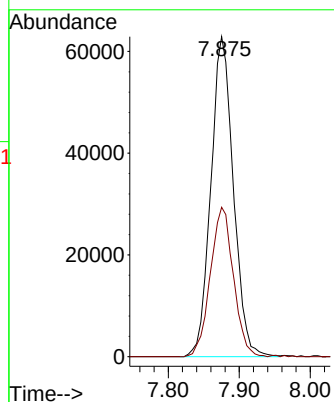
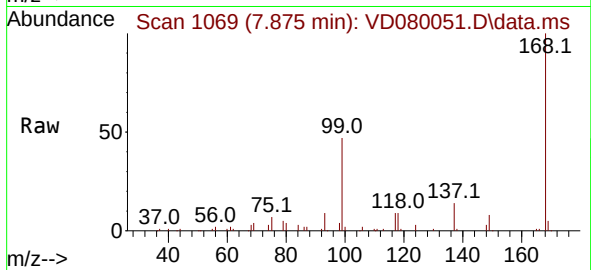




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

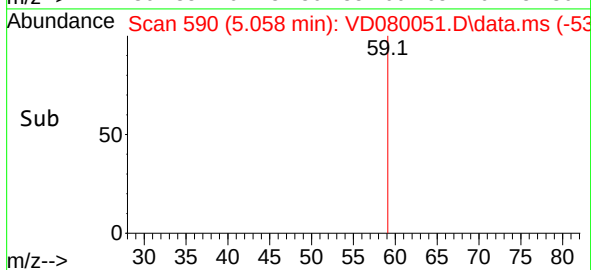
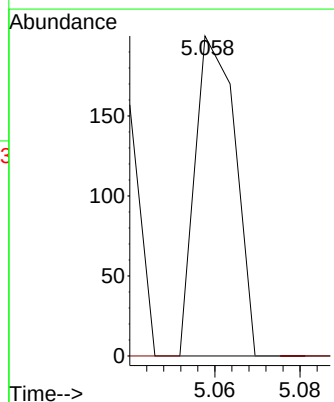
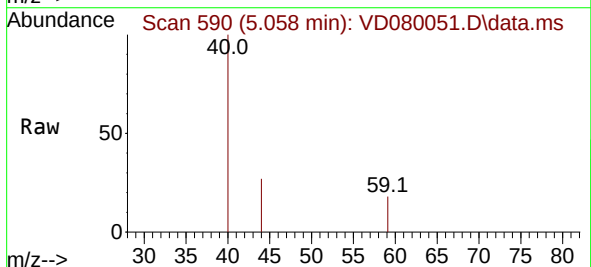
Instrument :
MSVOA_D
ClientSampleId :

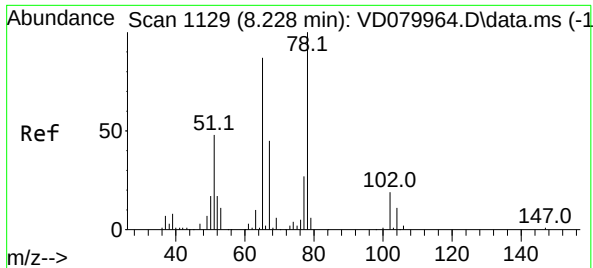
Tgt Ion:168 Resp: 138390
Ion Ratio Lower Upper
168 100
99 46.7 46.0 69.0



#11
Tert butyl alcohol
Concen: 1.767 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#





#33

1,2-Dichloroethane-d4

Concen: 56.309 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD080051.D

Acq: 17 Nov 2024 19:22

Instrument :

MSVOA_D

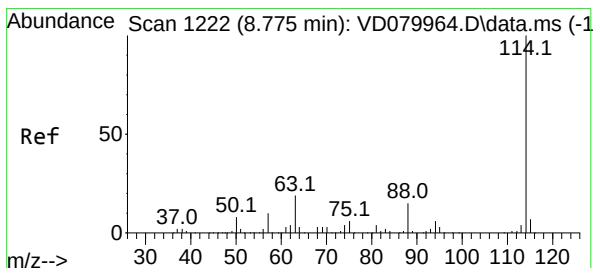
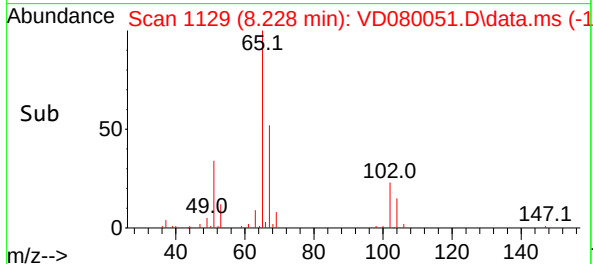
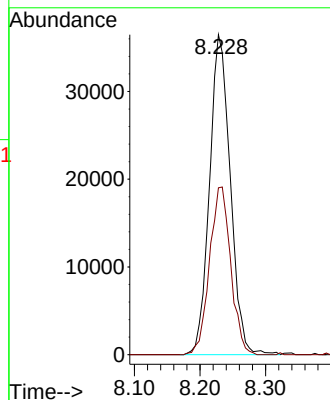
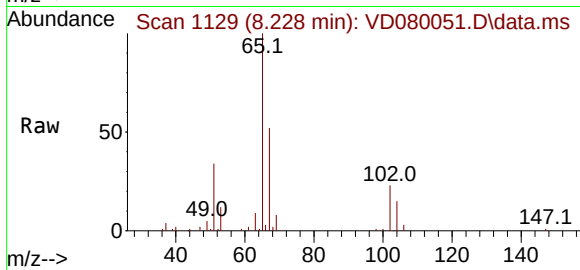
ClientSampleId :

Tgt Ion: 65 Resp: 80233

Ion Ratio Lower Upper

65 100

67 53.4 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: VD080051.D

Acq: 17 Nov 2024 19:22

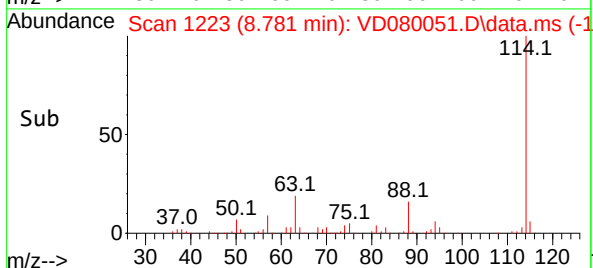
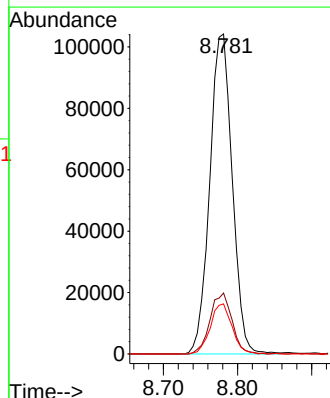
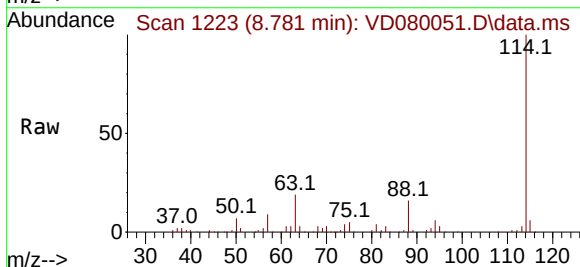
Tgt Ion: 114 Resp: 219788

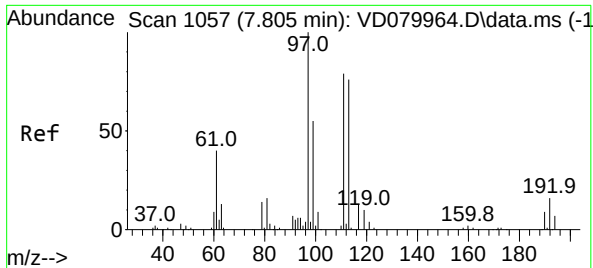
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

88 15.6 0.0 30.6

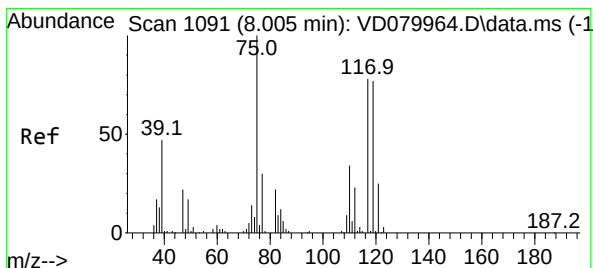
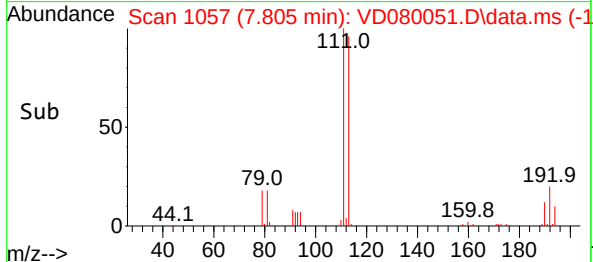
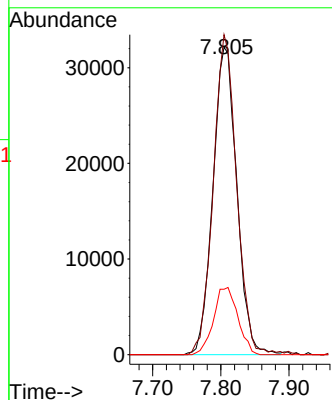
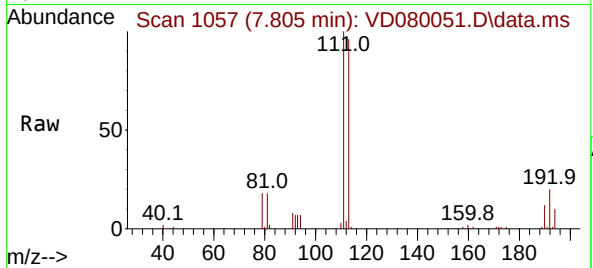




#35
Dibromofluoromethane
Concen: 53.646 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

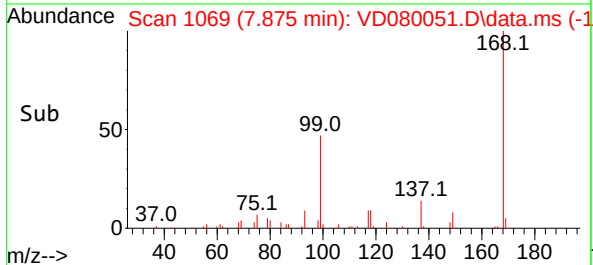
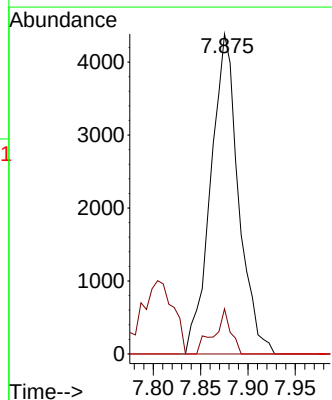
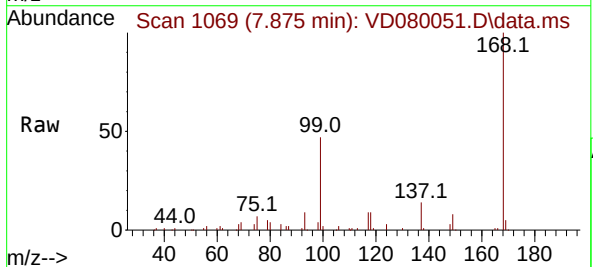
Instrument :
MSVOA_D
ClientSampleId :

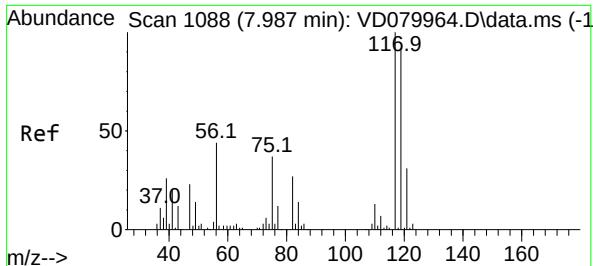
Tgt Ion:113 Resp: 78472
Ion Ratio Lower Upper
113 100
111 102.0 82.5 123.7
192 22.2 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

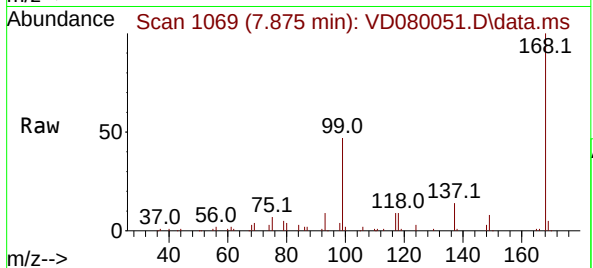
Tgt Ion: 75 Resp: 8975
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.0#
77 0.0 25.6 38.4#



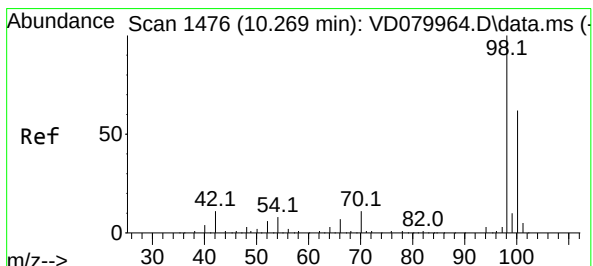
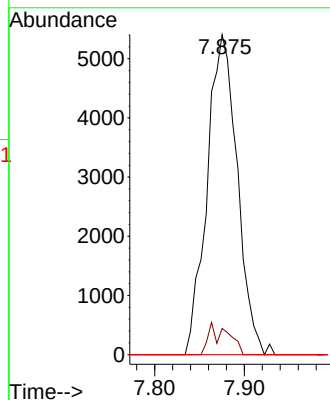
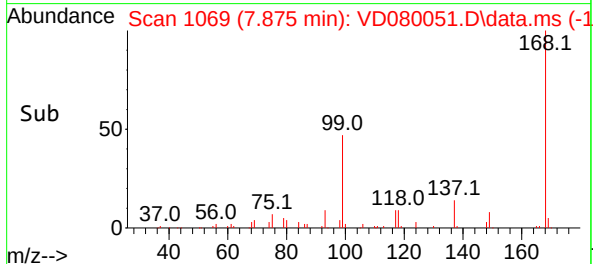


#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :

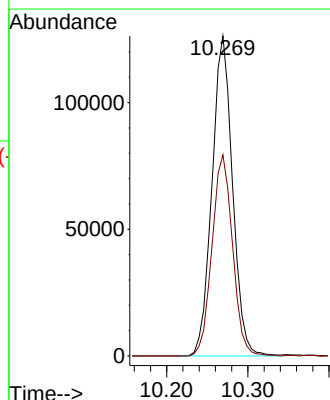
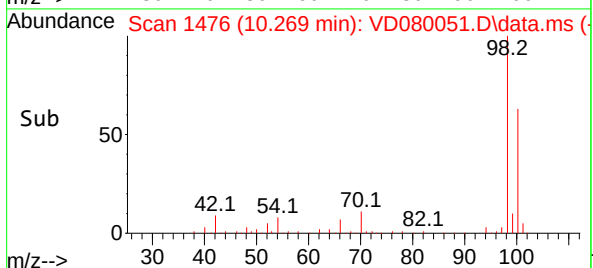
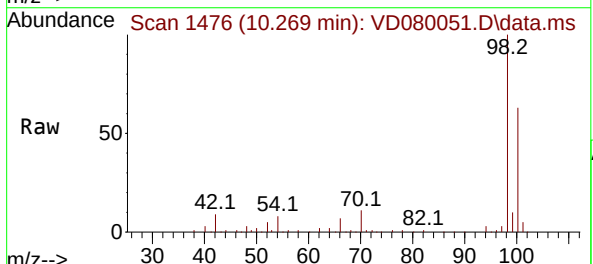


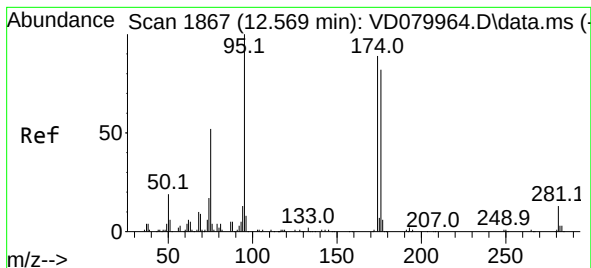
Tgt Ion:117 Resp: 12658
Ion Ratio Lower Upper
117 100
119 8.2 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 40.311 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

Tgt Ion: 98 Resp: 222240
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.4

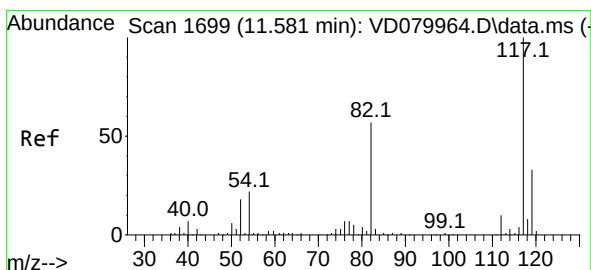
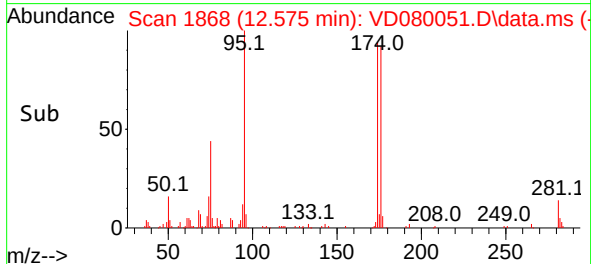
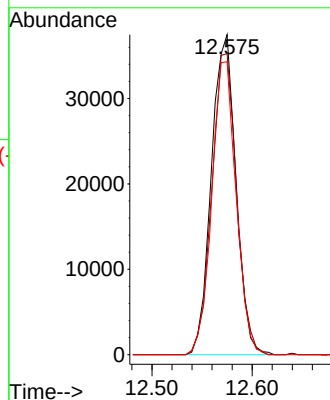
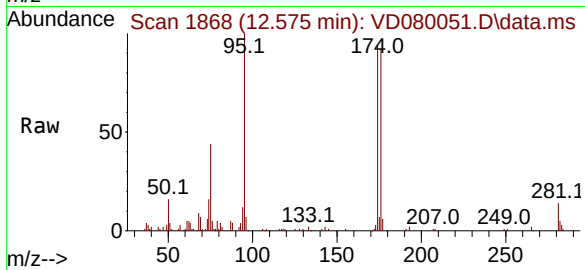




#62
4-Bromofluorobenzene
Concen: 35.194 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

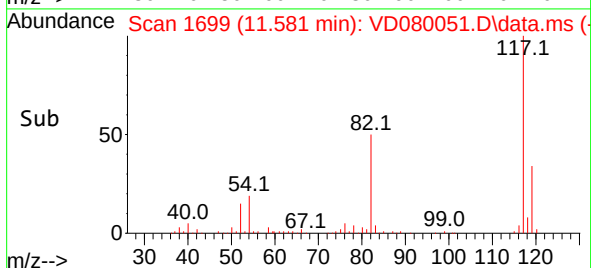
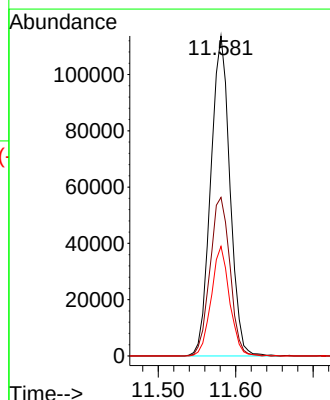
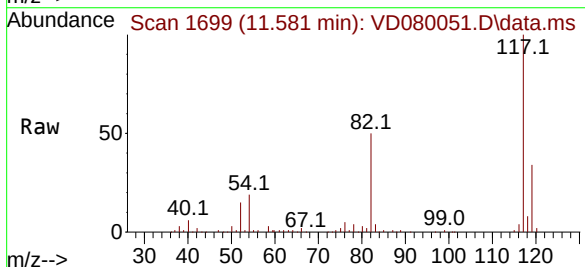
Instrument :
MSVOA_D
ClientSampleId :

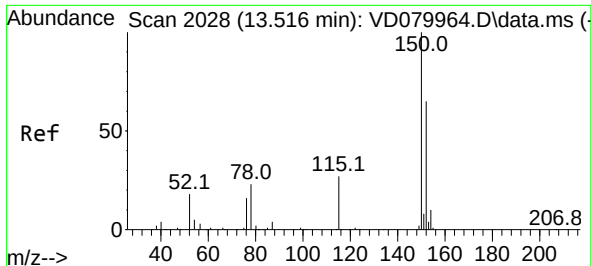
Tgt Ion: 95 Resp: 63658
Ion Ratio Lower Upper
95 100
174 94.9 0.0 173.4
176 91.1 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

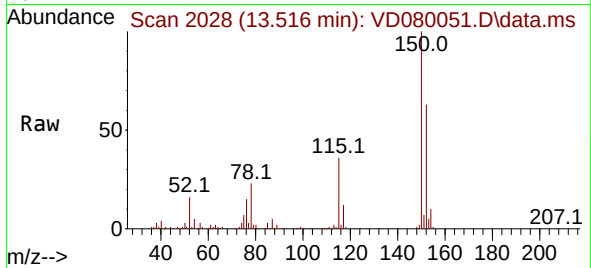
Tgt Ion: 117 Resp: 195487
Ion Ratio Lower Upper
117 100
82 49.5 45.8 68.6
119 34.3 26.2 39.2



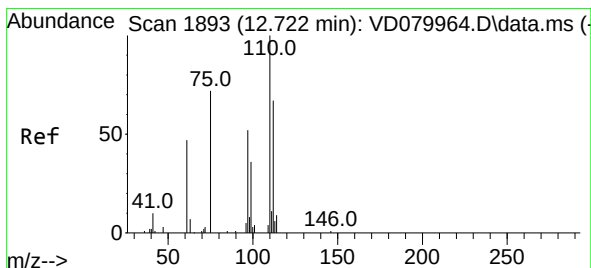
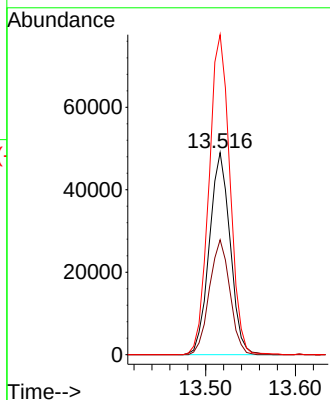
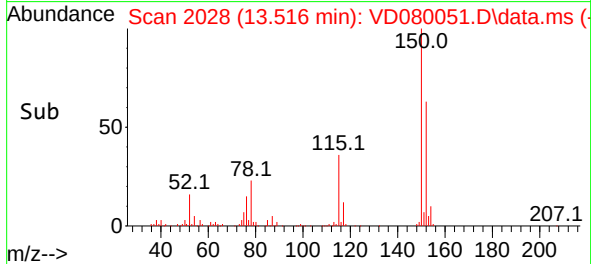


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :

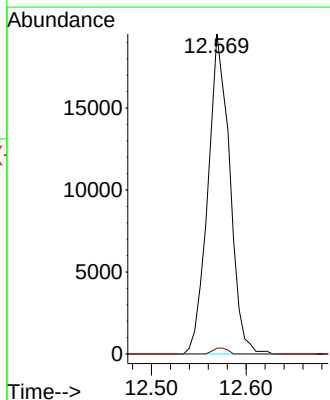
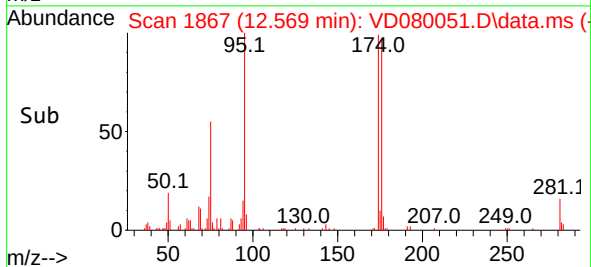
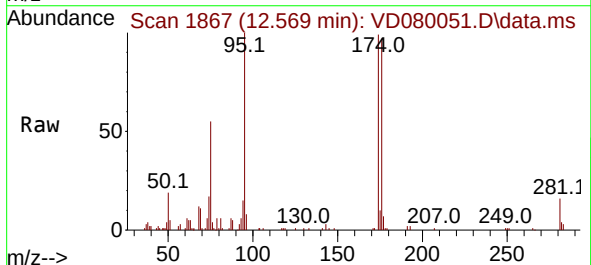


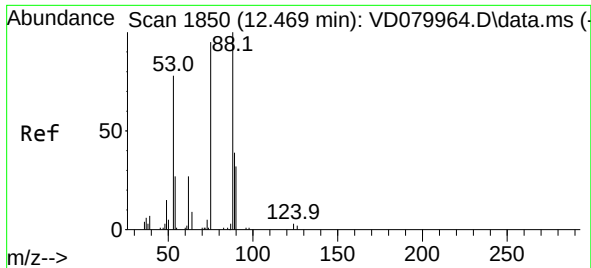
Tgt Ion:152 Resp: 79007
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.8
150 158.9 0.0 354.8



#76
1,2,3-Trichloropropane
Concen: 44.852 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

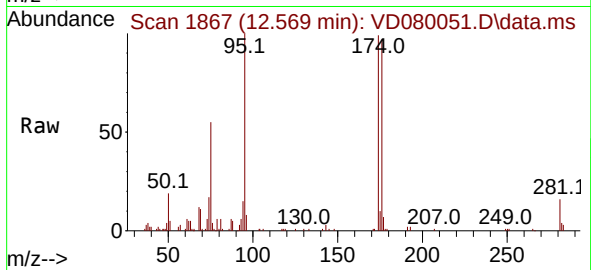
Tgt Ion: 75 Resp: 31291
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.796 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :



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

