

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080045.D
 Acq On : 17 Nov 2024 16:40
 Operator : RP/MD
 Sample : P4836-03
 Misc : 4.99G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:25:26 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)

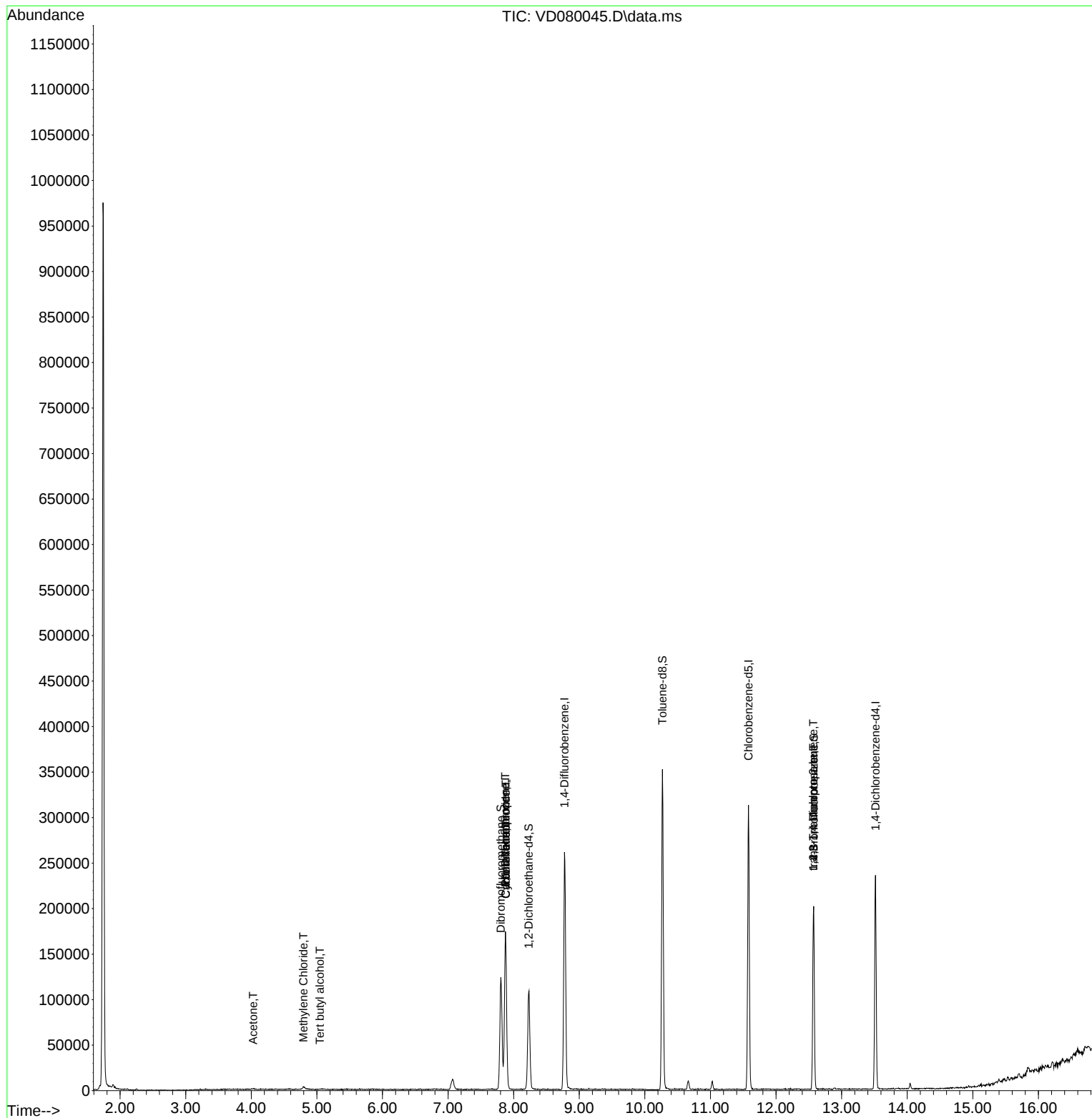
Internal Standards						
1) Pentafluorobenzene	7.875	168	137074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	233258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	182496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86264	61.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.240%	
35) Dibromofluoromethane	7.804	113	88346	56.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.820%	
50) Toluene-d8	10.269	98	250373	42.791	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.580%	
62) 4-Bromofluorobenzene	12.575	95	64903	33.810	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	548	7.461	ug/l #	76
16) Acetone	4.028	43	1260	4.115	ug/l	91
20) Methylene Chloride	4.793	84	2131	1.298	ug/l #	85
31) Cyclohexane	7.881	56	2687	1.169	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9780	4.607	ug/l #	47
38) Carbon Tetrachloride	7.881	117	12729	5.488	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	30673	54.076	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	30673	110.675	ug/l #	15

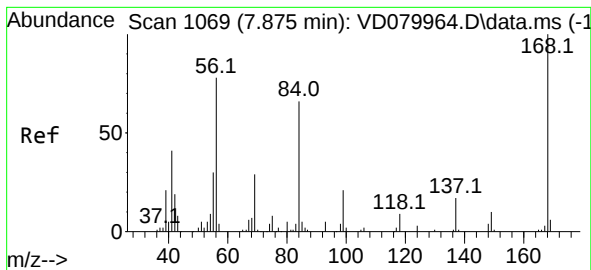
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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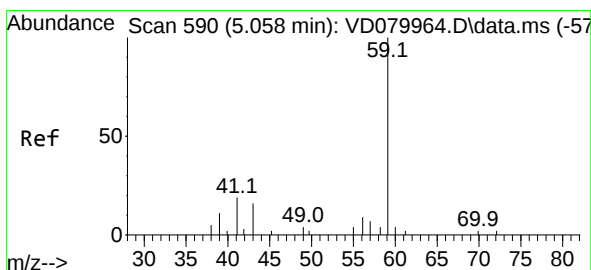
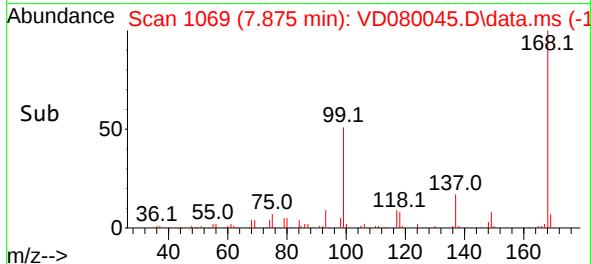
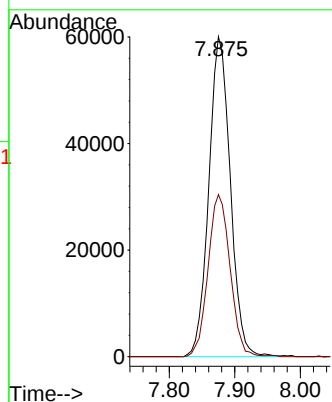
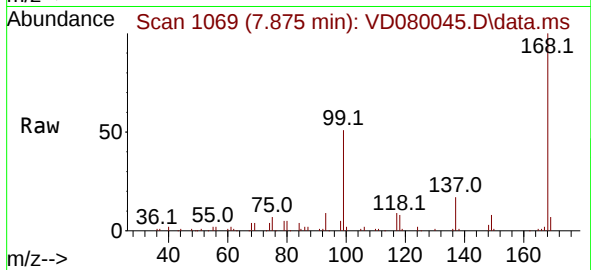




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

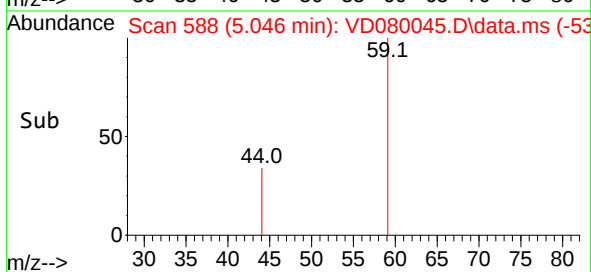
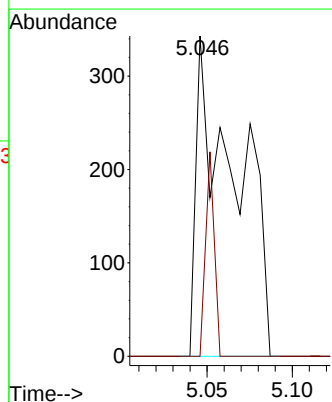
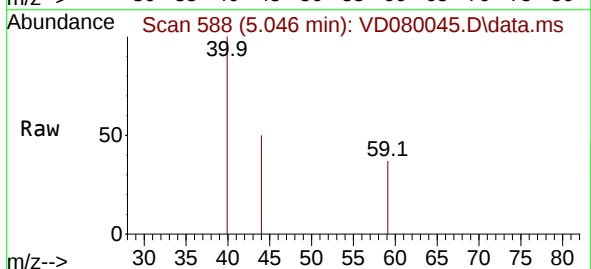
Instrument :
MSVOA_D
ClientSampleId :

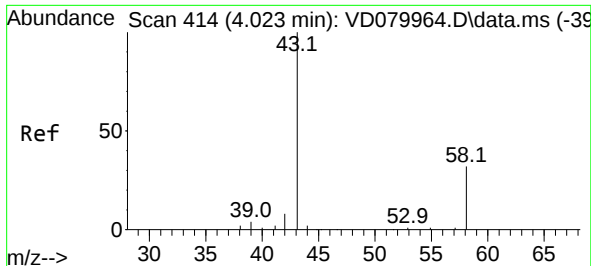
Tgt Ion:168 Resp: 137074
Ion Ratio Lower Upper
168 100
99 50.6 46.0 69.0



#11
Tert butyl alcohol
Concen: 7.461 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.012 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

Tgt Ion: 59 Resp: 548
Ion Ratio Lower Upper
59 100
57 14.1 4.8 7.2#





#16

Acetone

Concen: 4.115 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.005 min

Lab File: VD080045.D

Acq: 17 Nov 2024 16:40

Instrument :

MSVOA_D

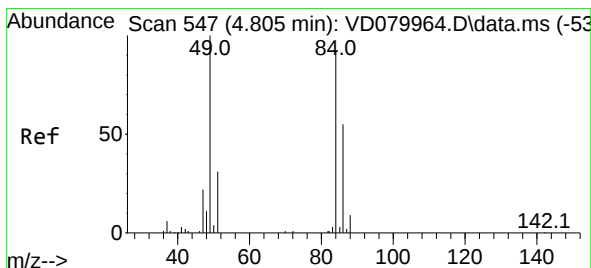
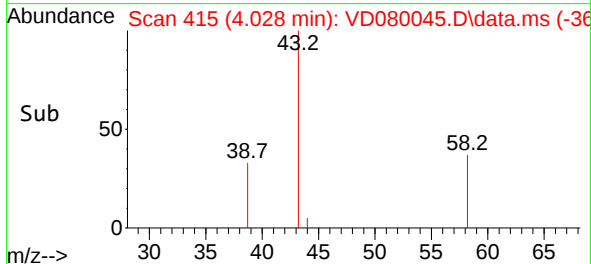
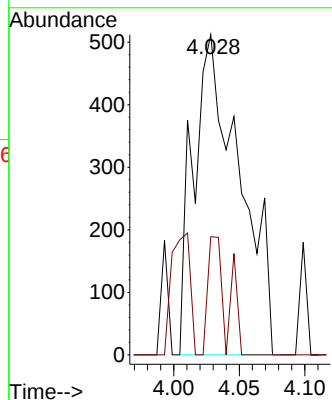
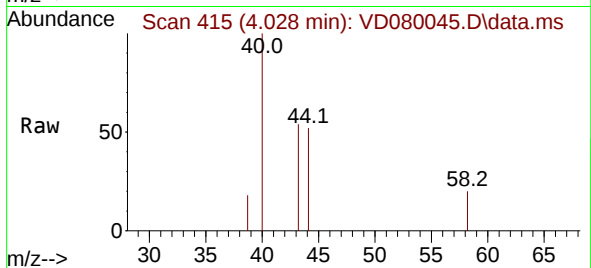
ClientSampleId :

Tgt Ion: 43 Resp: 1260

Ion Ratio Lower Upper

43 100

58 36.9 25.4 38.2



#20

Methylene Chloride

Concen: 1.298 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.012 min

Lab File: VD080045.D

Acq: 17 Nov 2024 16:40

Tgt Ion: 84 Resp: 2131

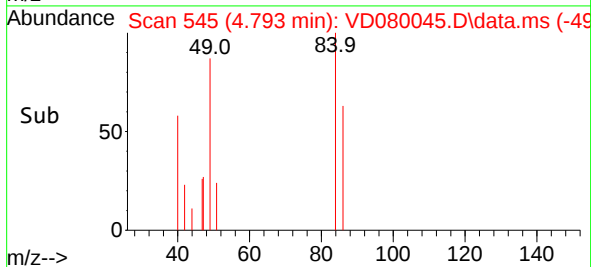
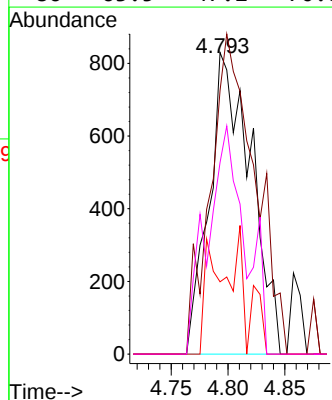
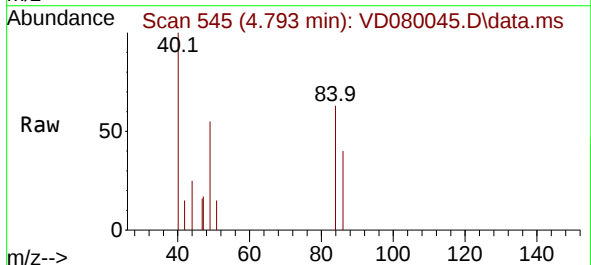
Ion Ratio Lower Upper

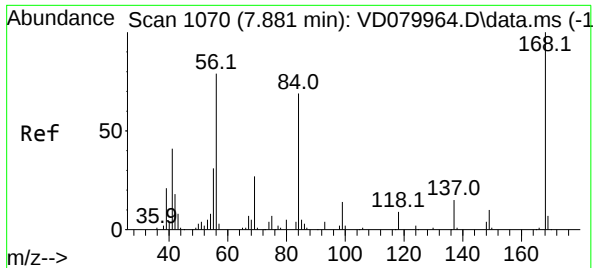
84 100

49 87.3 86.5 129.7

51 24.0 26.9 40.3#

86 63.5 47.2 70.8

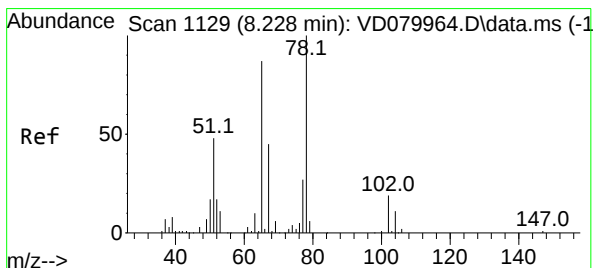
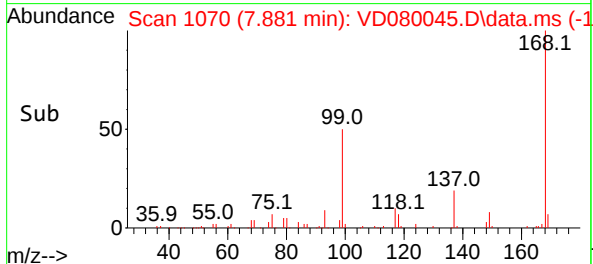
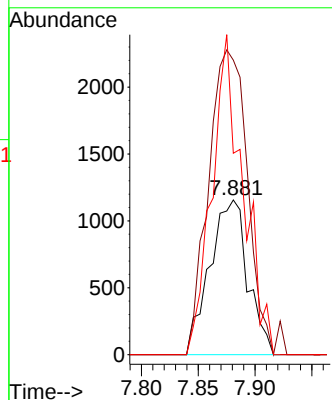
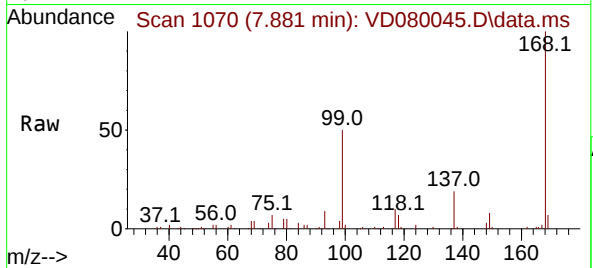




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

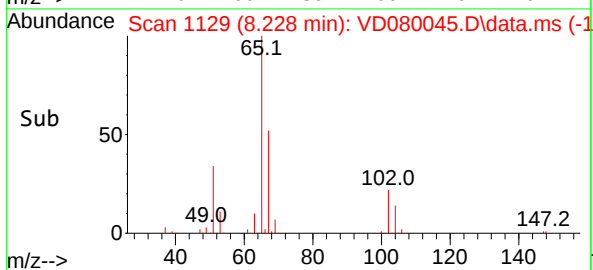
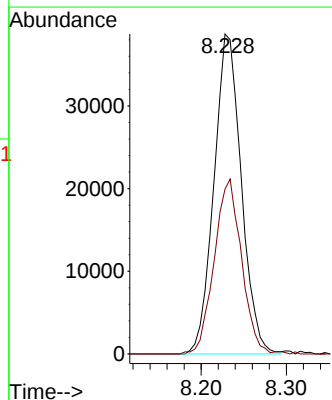
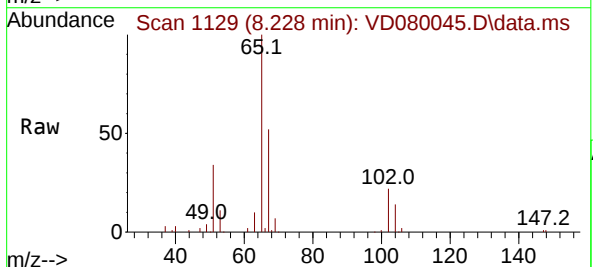
Instrument :
MSVOA_D
ClientSampleId :

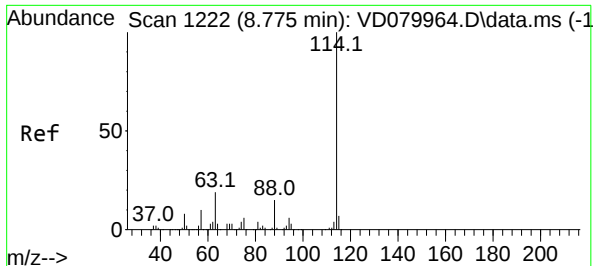
Tgt Ion: 56 Resp: 2687
Ion Ratio Lower Upper
56 100
69 190.3 27.3 40.9#
84 130.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 61.123 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

Tgt Ion: 65 Resp: 86264
Ion Ratio Lower Upper
65 100
67 54.6 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: VD080045.D

Acq: 17 Nov 2024 16:40

Instrument :

MSVOA_D

ClientSampleId :

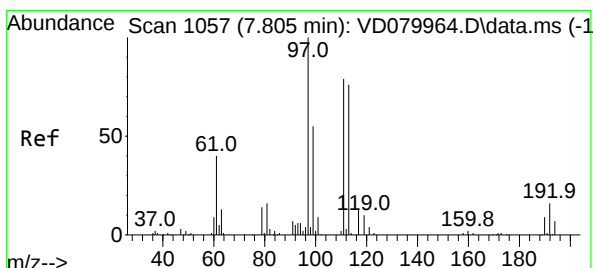
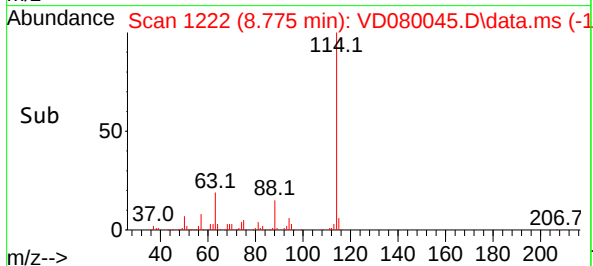
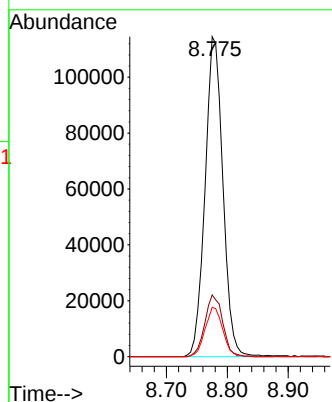
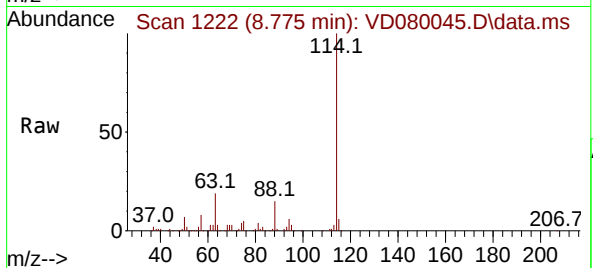
Tgt Ion:114 Resp: 233258

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.909 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080045.D

Acq: 17 Nov 2024 16:40

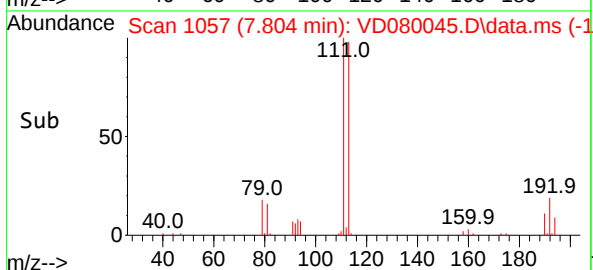
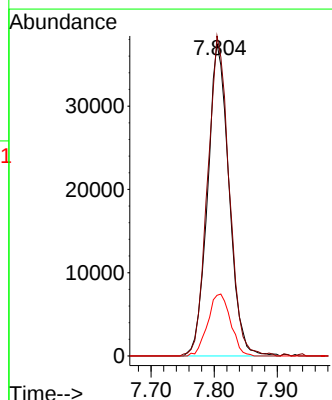
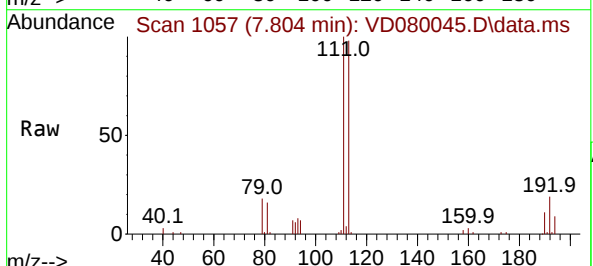
Tgt Ion:113 Resp: 88346

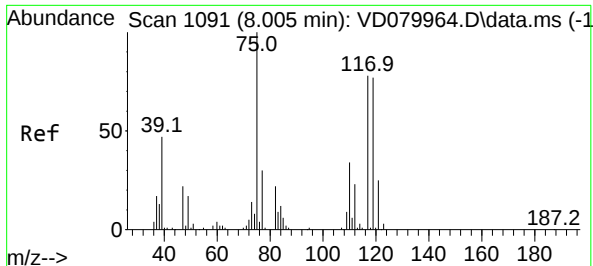
Ion Ratio Lower Upper

113 100

111 103.0 82.5 123.7

192 21.0 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.607 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080045.D

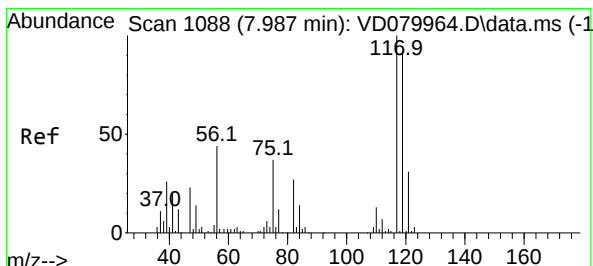
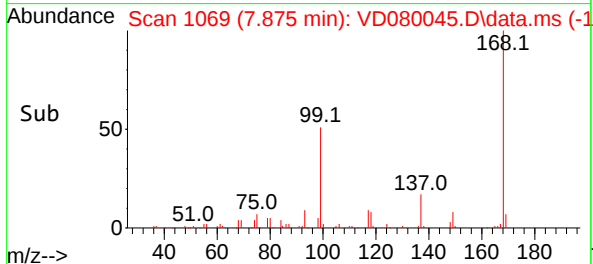
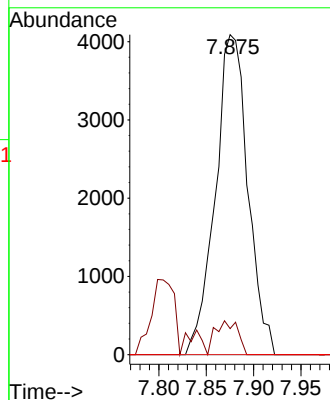
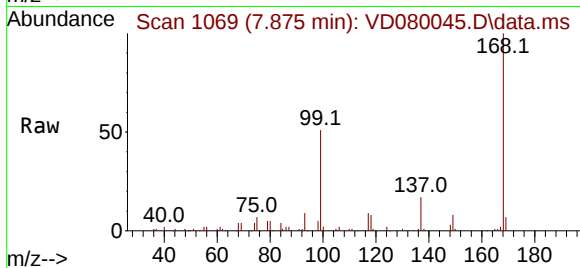
Acq: 17 Nov 2024 16:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	9780
Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.4	55.0#
77	0.0	25.6	38.4#



#38

Carbon Tetrachloride

Concen: 5.488 ug/l

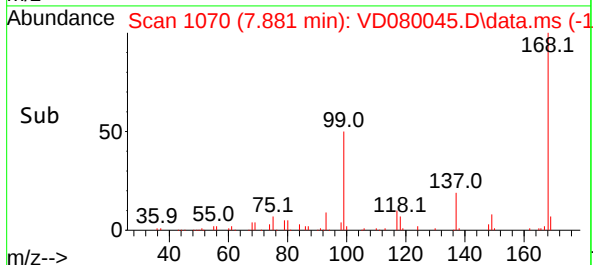
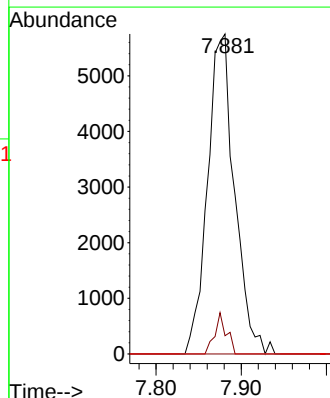
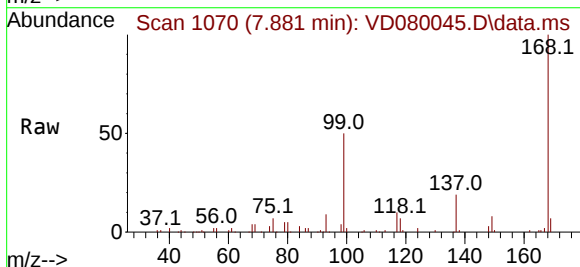
RT: 7.881 min Scan# 1070

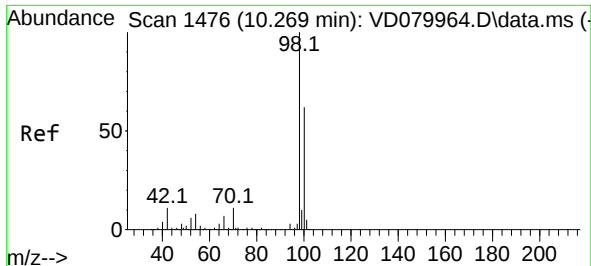
Delta R.T. -0.106 min

Lab File: VD080045.D

Acq: 17 Nov 2024 16:40

Tgt Ion:	117	Resp:	12729
Ion	Ratio	Lower	Upper
117	100		
119	5.7	73.4	110.0#
121	0.0	24.5	36.7#

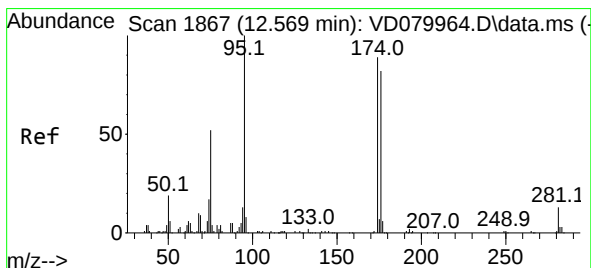
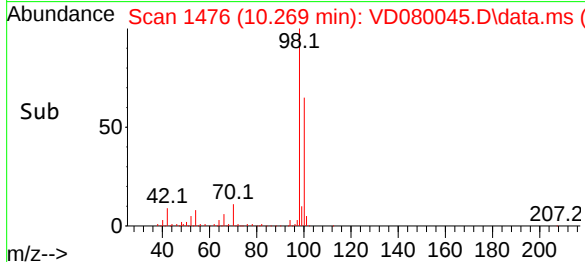
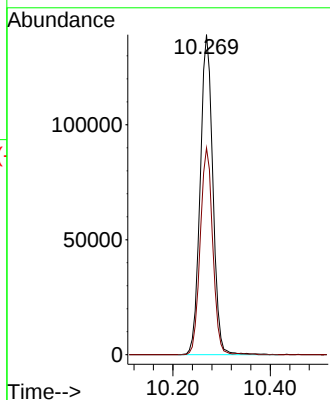
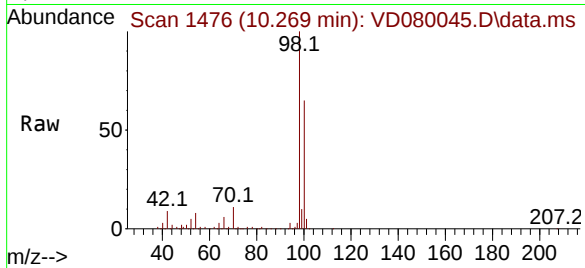




#50
Toluene-d8
Concen: 42.791 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

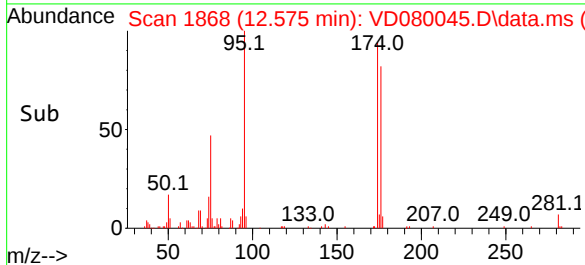
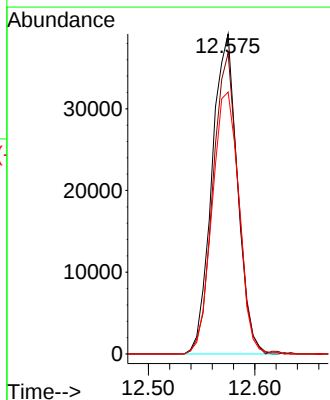
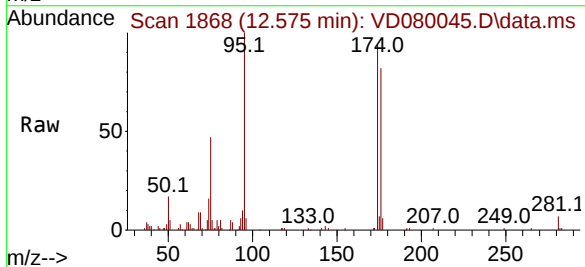
Instrument :
MSVOA_D
ClientSampleId :

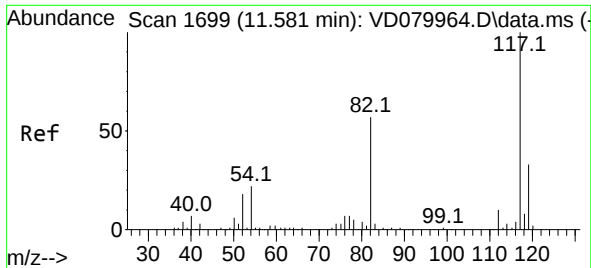
Tgt Ion: 98 Resp: 250373
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 33.810 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

Tgt Ion: 95 Resp: 64903
Ion Ratio Lower Upper
95 100
174 92.9 0.0 173.4
176 86.3 0.0 166.6

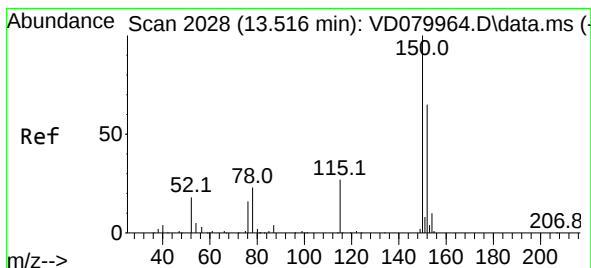
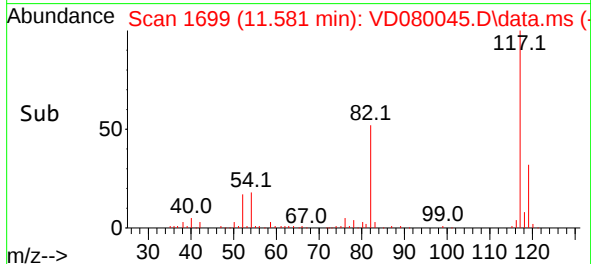
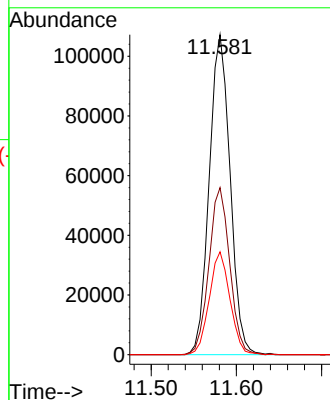
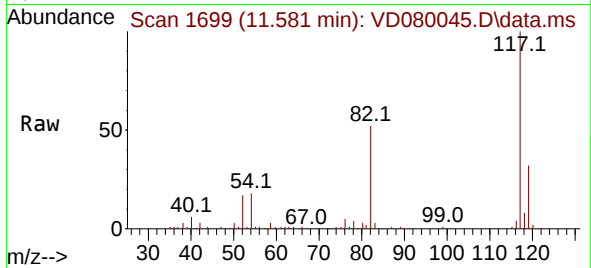




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

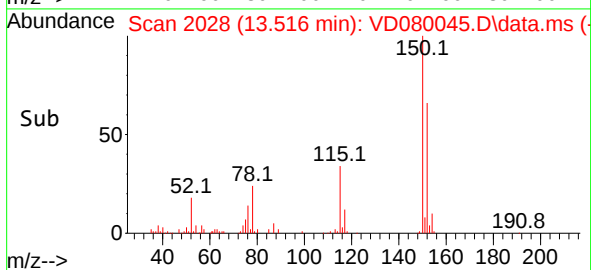
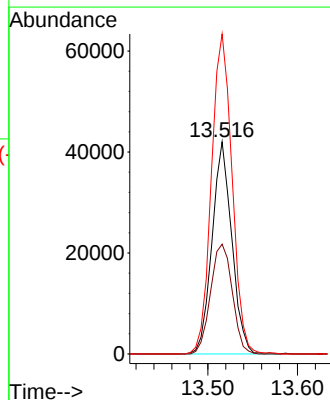
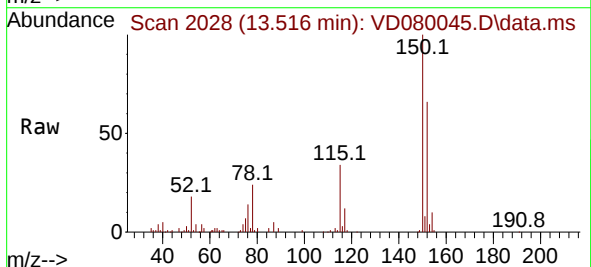
Instrument :
MSVOA_D
ClientSampleId :

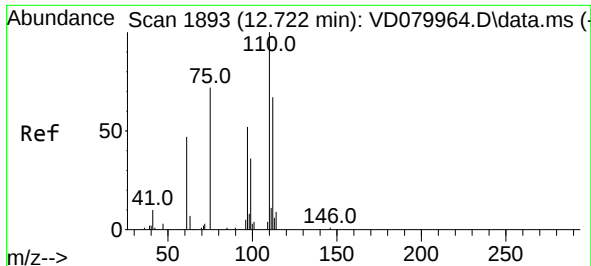
Tgt Ion:117 Resp: 182496
Ion Ratio Lower Upper
117 100
82 52.2 45.8 68.6
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

Tgt Ion:152 Resp: 64236
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.8
150 157.6 0.0 354.8

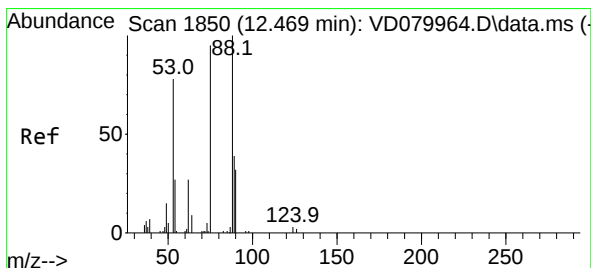
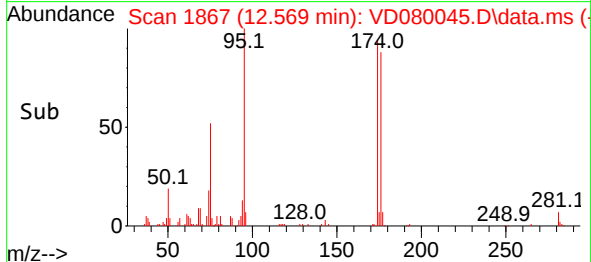
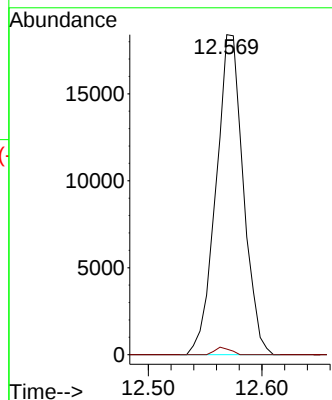
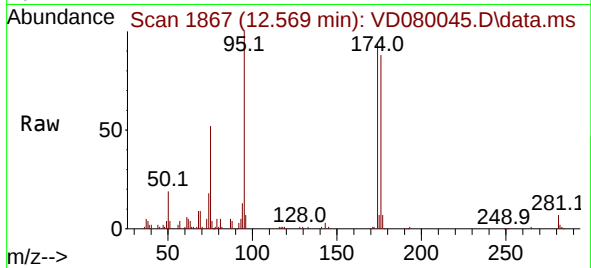




#76
1,2,3-Trichloropropane
Concen: 54.076 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 30673
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.675 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080045.D
Acq: 17 Nov 2024 16:40

Tgt Ion: 75 Resp: 30673
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#

