

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075161.D
 Acq On : 20 Jan 2023 18:49
 Operator : KP/SY
 Sample : 01233-08
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-38A

Quant Time: Jan 23 00:33:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

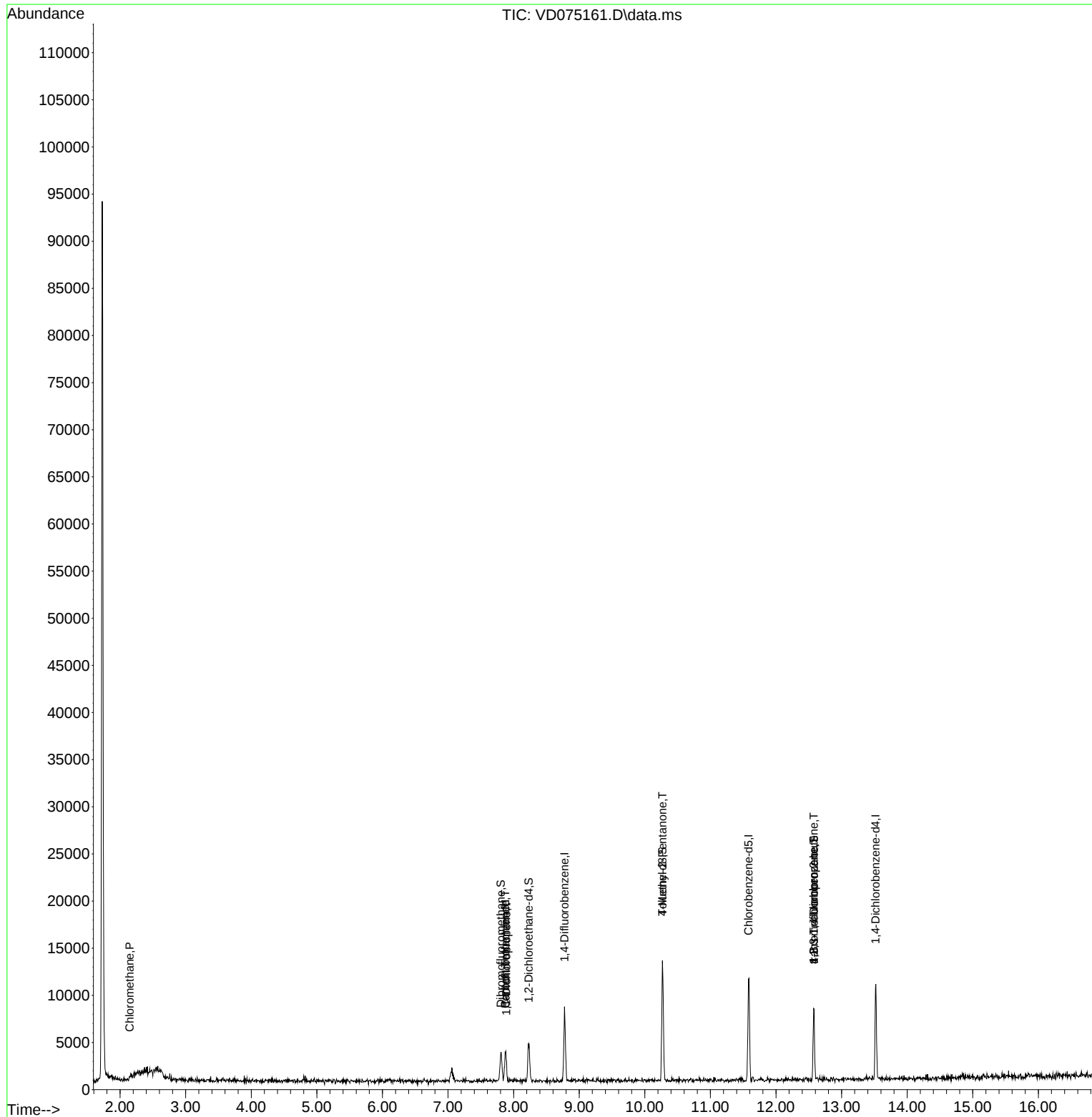
Internal Standards						
1) Pentafluorobenzene	7.875	168	3464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	6979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3206	90.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.400%#	
35) Dibromofluoromethane	7.805	113	2359	55.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.880%	
50) Toluene-d8	10.269	98	9169	55.219	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.440%	
62) 4-Bromofluorobenzene	12.575	95	2999	56.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	55	1.229	ug/l	# 41
20) Methylene Chloride	4.799	84	78	Below Cal	#	39
36) 1,1-Dichloropropene	7.887	75	127	1.874	ug/l	# 41
38) Carbon Tetrachloride	7.875	117	133	2.331	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.269	43	61	2.391	ug/l	# 36
76) 1,2,3-Trichloropropane	12.575	75	1715	67.952	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	1715	157.620	ug/l	# 14

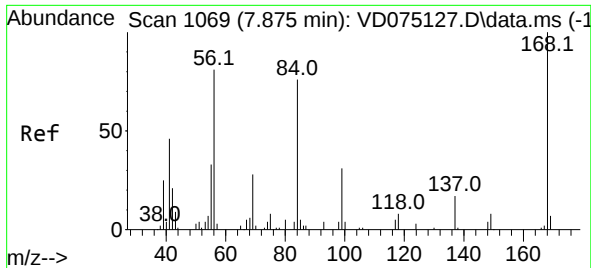
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

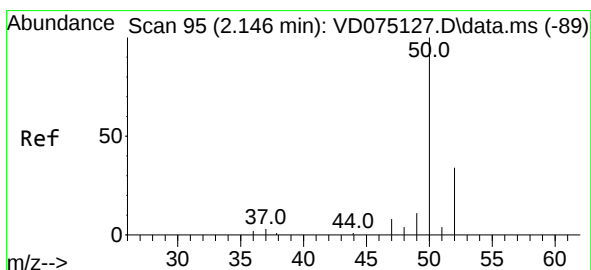
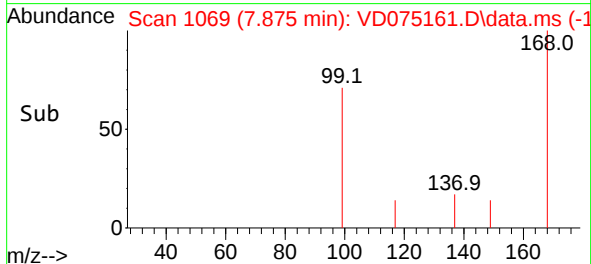
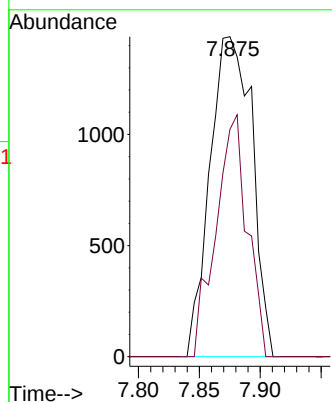
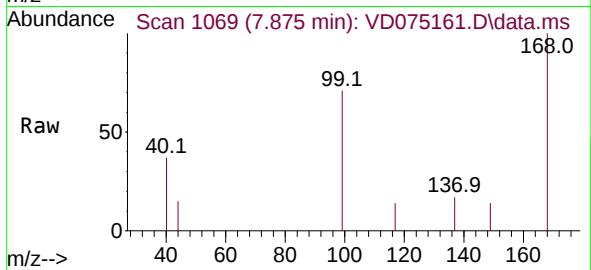




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

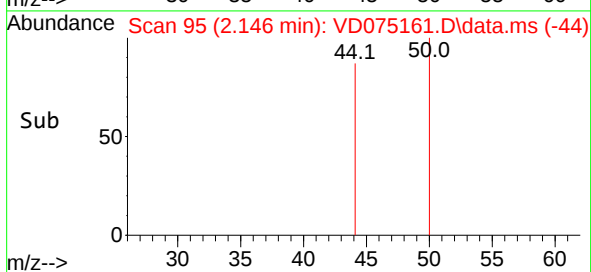
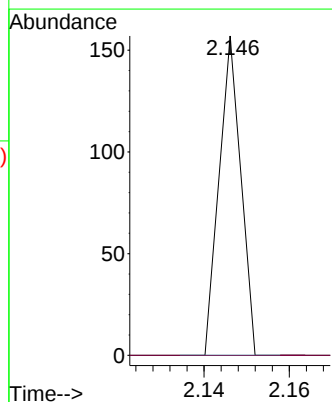
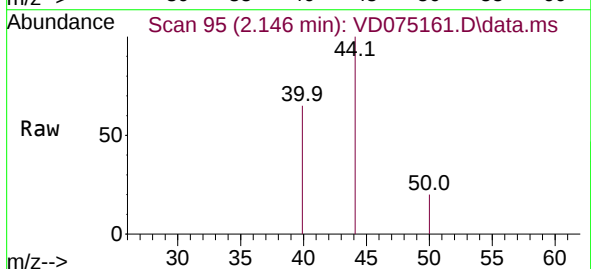
Instrument :
MSVOA_D
ClientSampleId :
B-38A

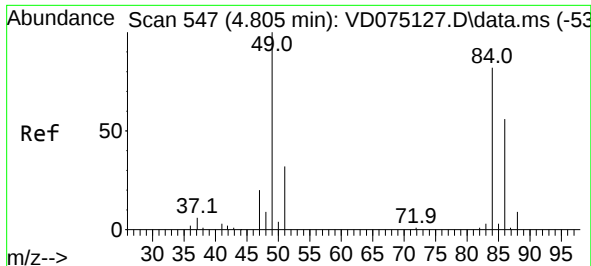
Tgt Ion:168 Resp: 3464
Ion Ratio Lower Upper
168 100
99 71.0 45.2 67.8#



#3
Chloromethane
Concen: 1.229 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

Tgt Ion: 50 Resp: 55
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

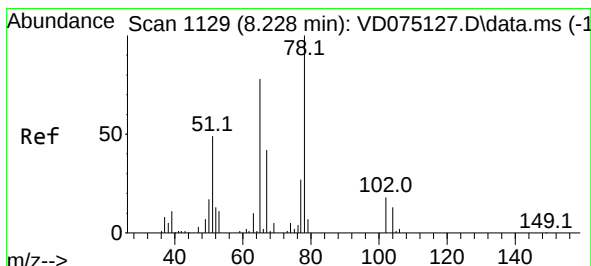
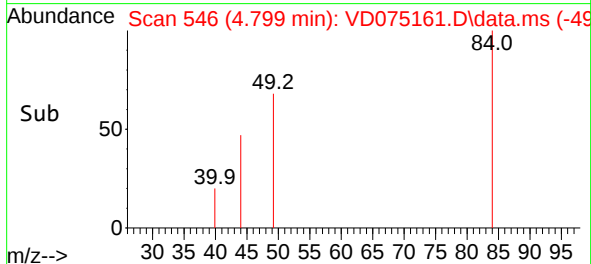
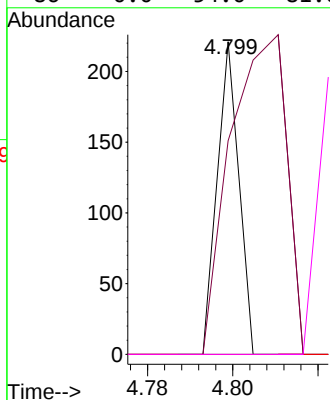
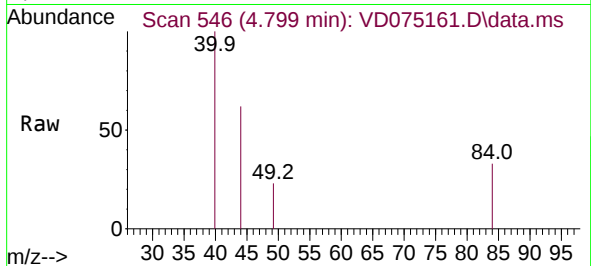




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

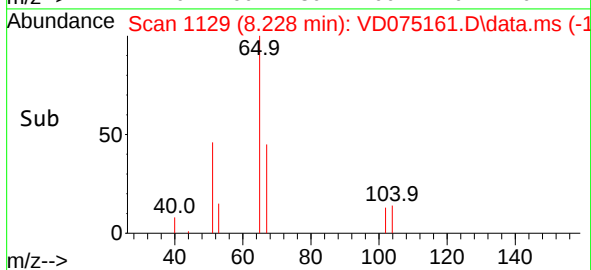
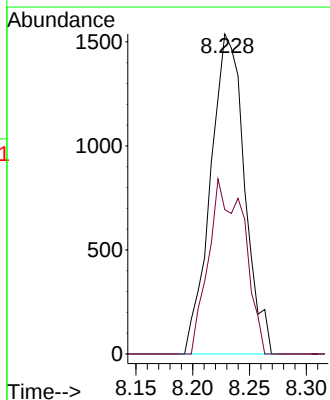
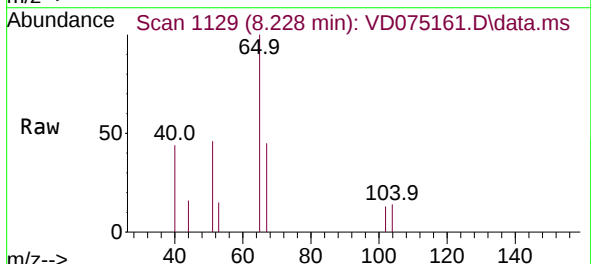
Instrument :
MSVOA_D
ClientSampleId :
B-38A

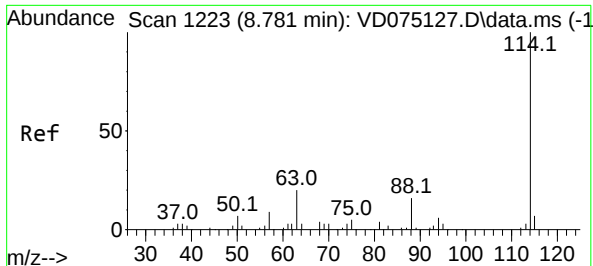
Tgt Ion: 84	Resp: 78
Ion Ratio	Lower Upper
84 100	
49 68.3	97.0 145.6#
51 0.0	30.9 46.3#
86 0.0	54.0 81.0#



#33
1,2-Dichloroethane-d4
Concen: 90.700 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

Tgt Ion: 65	Resp: 3206
Ion Ratio	Lower Upper
65 100	
67 57.0	0.0 105.2

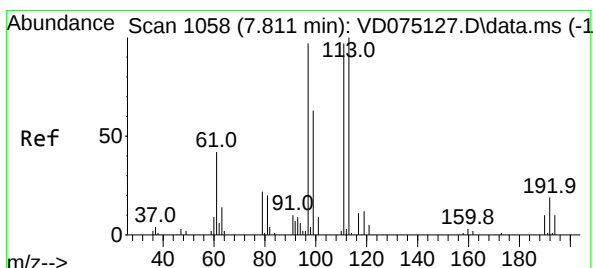
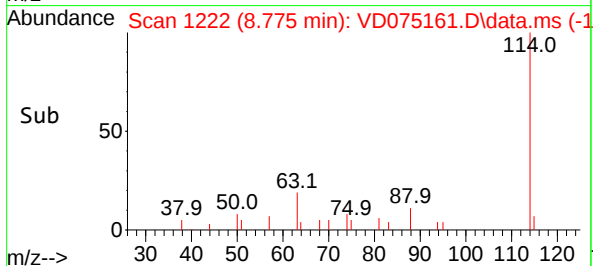
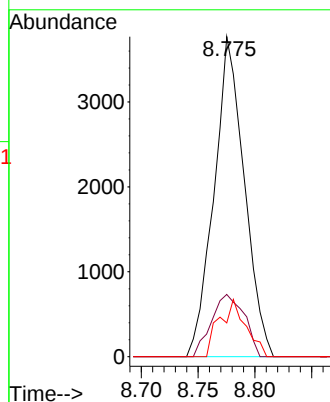
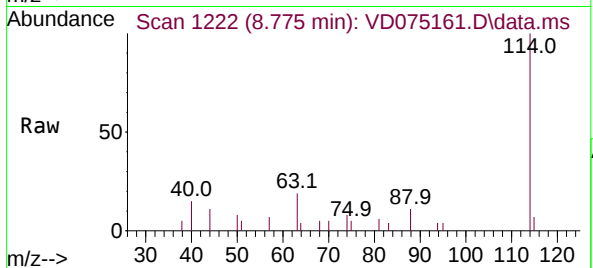




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

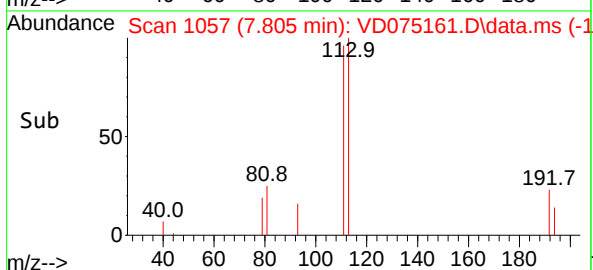
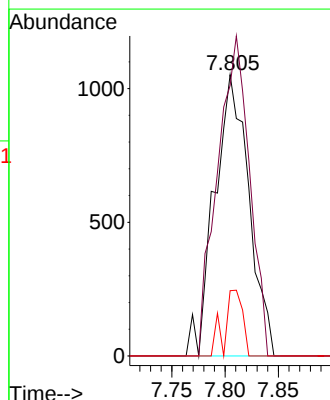
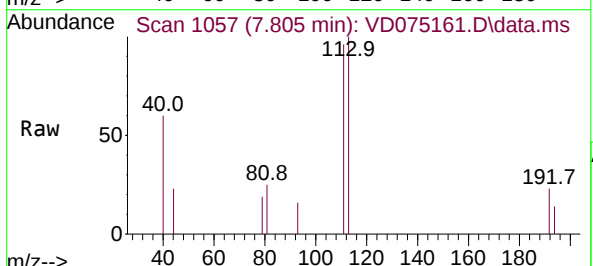
Instrument :
MSVOA_D
ClientSampleId :
B-38A

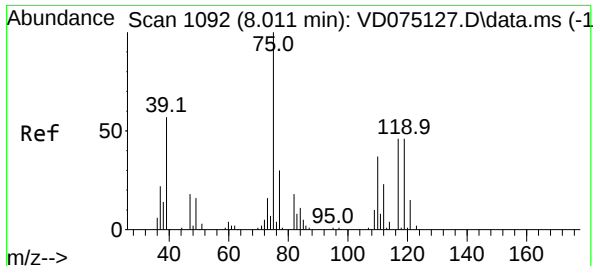
Tgt Ion:114 Resp: 6979
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.2
88 10.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.938 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

Tgt Ion:113 Resp: 2359
Ion Ratio Lower Upper
113 100
111 106.4 80.1 120.1
192 12.3 15.4 23.0#





#36

1,1-Dichloropropene

Concen: 1.874 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. -0.124 min

Lab File: VD075161.D

Acq: 20 Jan 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

B-38A

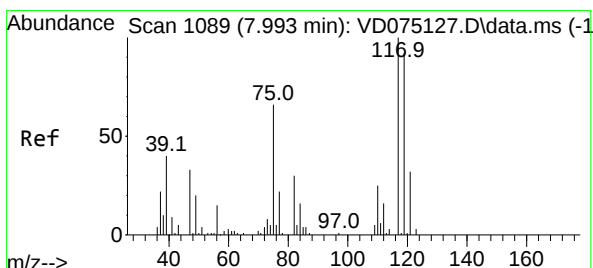
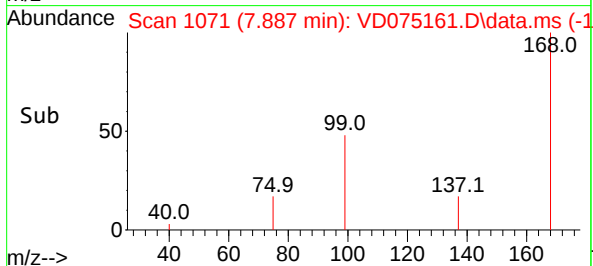
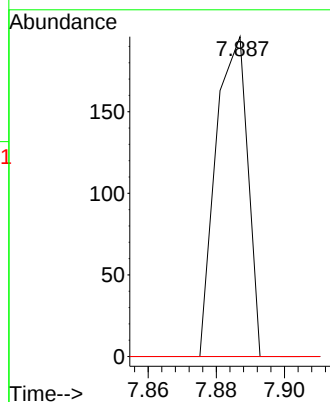
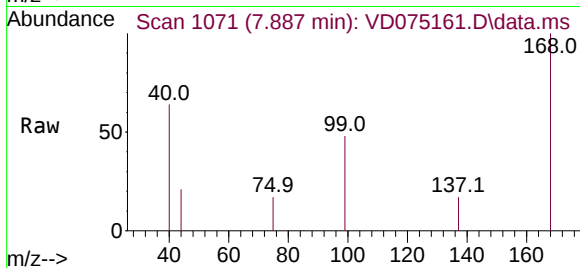
Tgt Ion: 75 Resp: 127

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 2.331 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075161.D

Acq: 20 Jan 2023 18:49

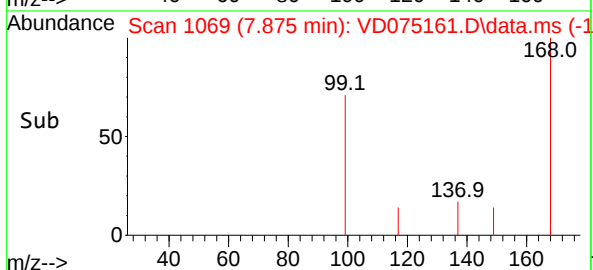
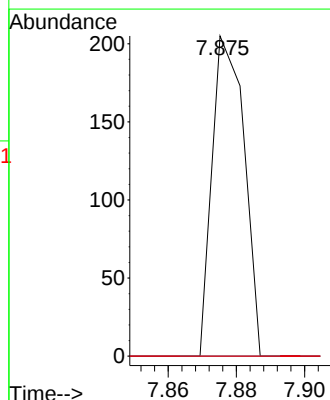
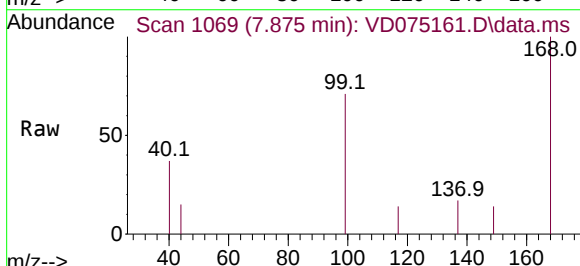
Tgt Ion: 117 Resp: 133

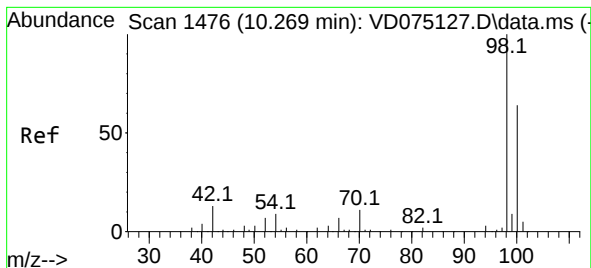
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 55.219 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075161.D

Acq: 20 Jan 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

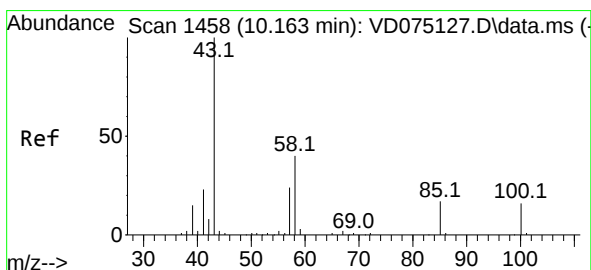
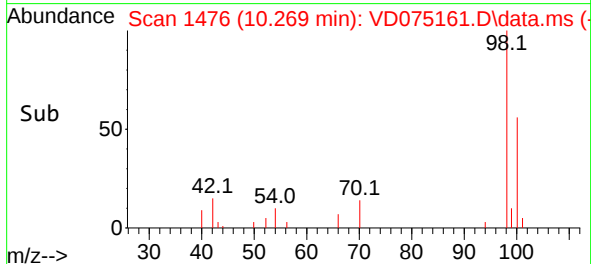
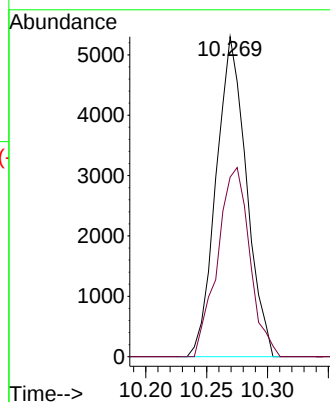
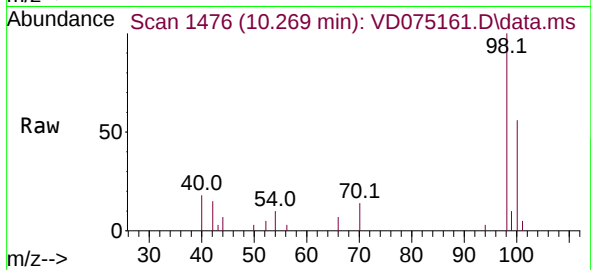
B-38A

Tgt Ion: 98 Resp: 9169

Ion Ratio Lower Upper

98 100

100 63.0 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 2.391 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.106 min

Lab File: VD075161.D

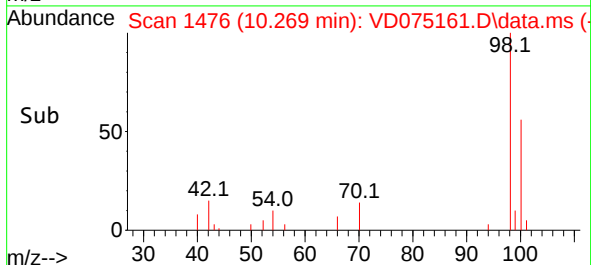
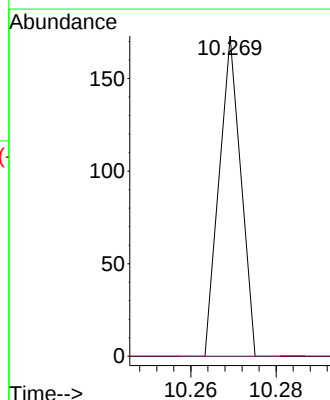
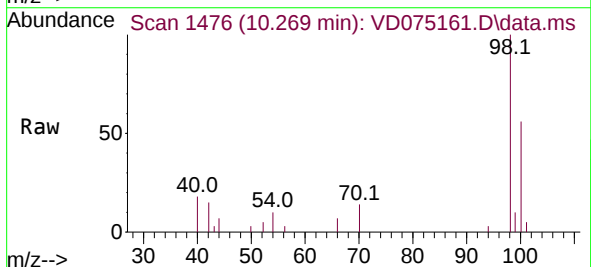
Acq: 20 Jan 2023 18:49

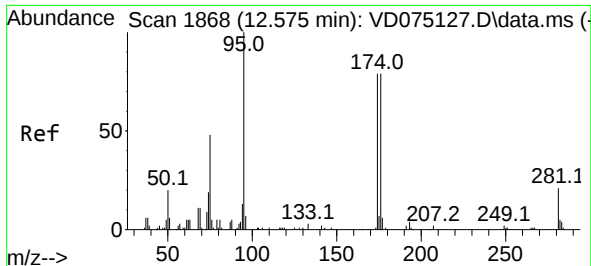
Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

58 0.0 31.4 47.0#

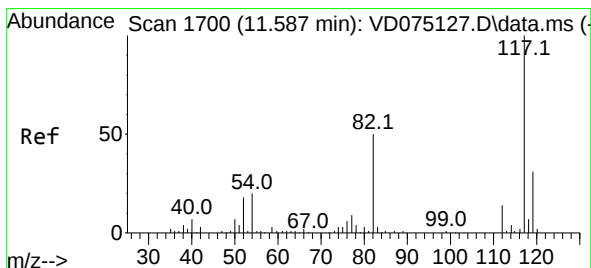
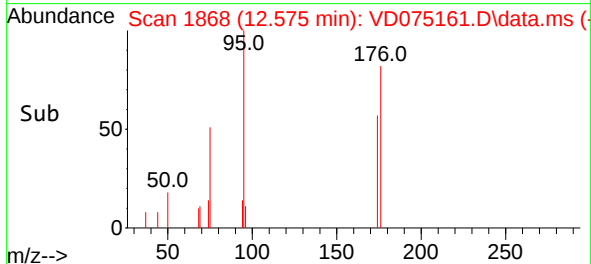
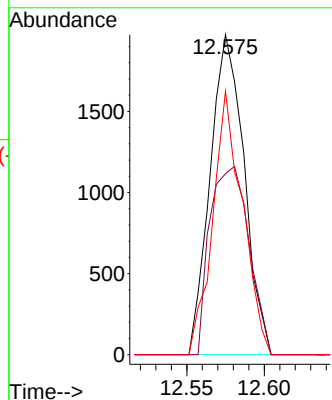
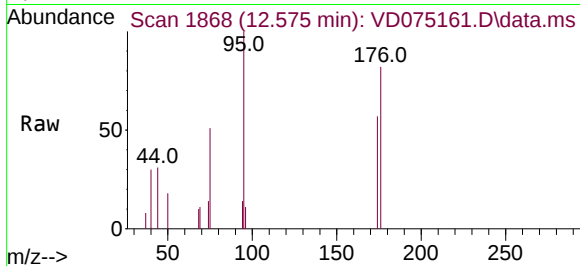




#62
4-Bromofluorobenzene
Concen: 56.909 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

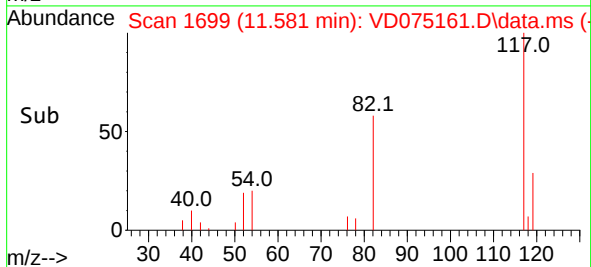
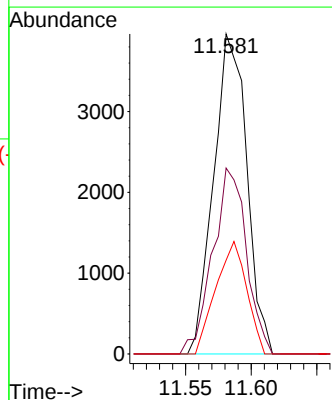
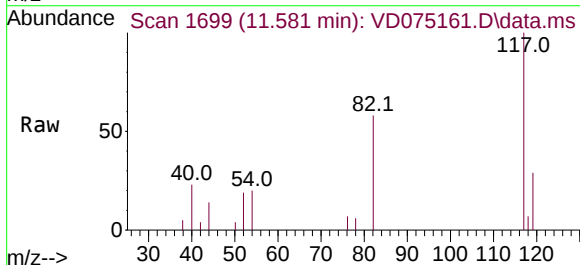
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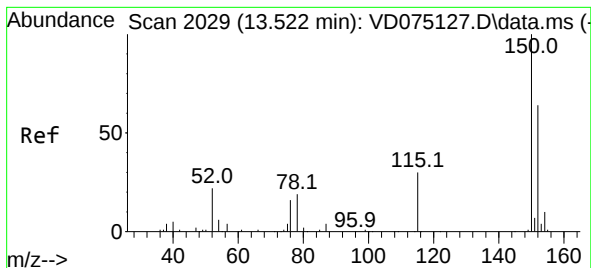
Tgt Ion:	95	Resp:	2999
Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	161.2
176	72.3	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075161.D
Acq: 20 Jan 2023 18:49

Tgt Ion:	117	Resp:	6961
Ion	Ratio	Lower	Upper
117	100		
82	58.1	39.6	59.4
119	29.3	24.6	37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2029

Delta R.T. -0.006 min

Lab File: VD075161.D

Acq: 20 Jan 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

B-38A

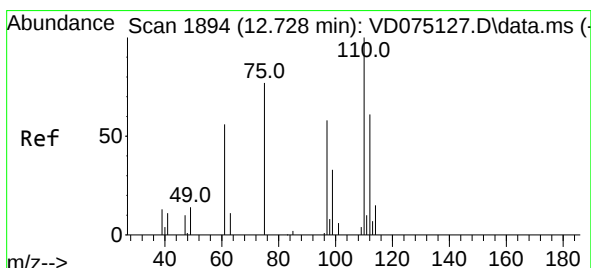
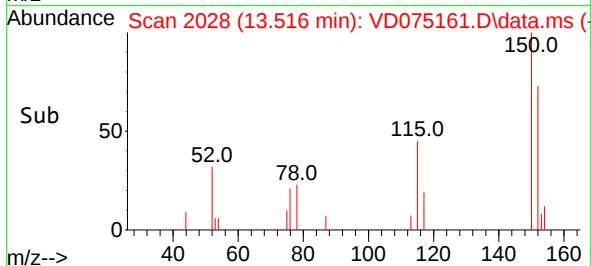
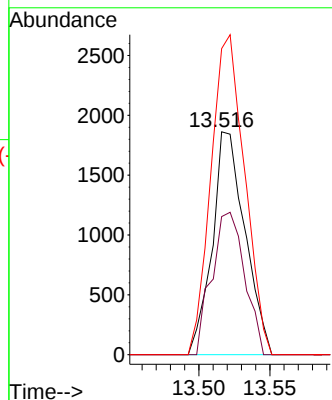
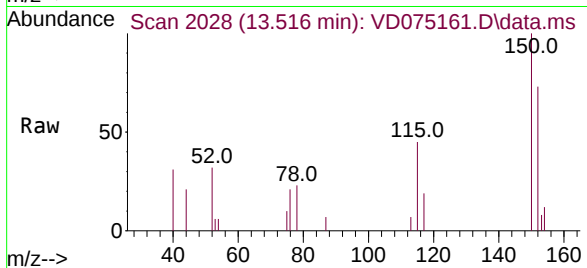
Tgt Ion:152 Resp: 2980

Ion Ratio Lower Upper

152 100

115 64.1 28.8 86.4

150 148.0 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 67.952 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075161.D

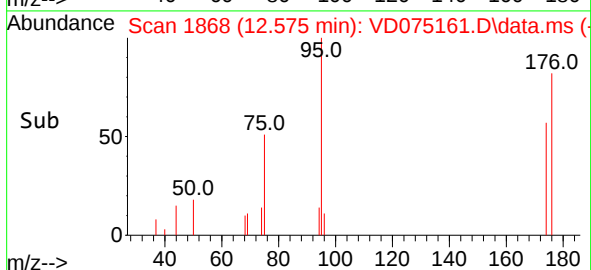
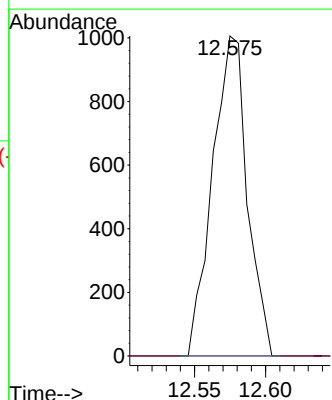
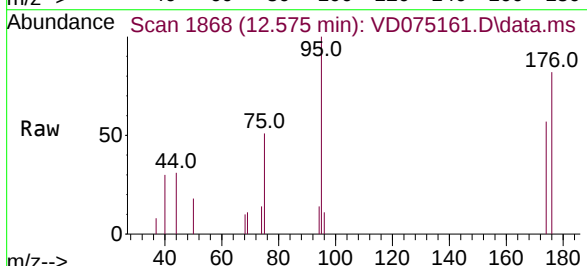
Acq: 20 Jan 2023 18:49

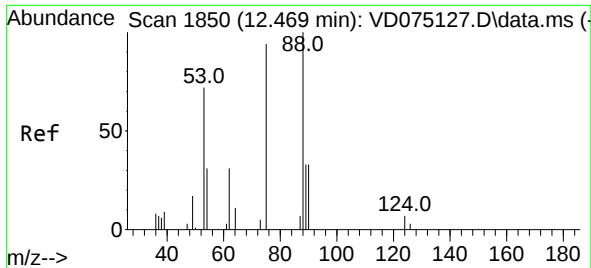
Tgt Ion: 75 Resp: 1715

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.620 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075161.D
 Acq: 20 Jan 2023 18:49

Instrument :
 MSVOA_D
 ClientSampleId :
 B-38A

Tgt Ion: 75 Resp: 1715
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

