

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077008.D
 Acq On : 14 Aug 2023 18:32
 Operator : JC/SY
 Sample : 03973-05
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-16.5-17.0

Quant Time: Aug 15 04:50:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

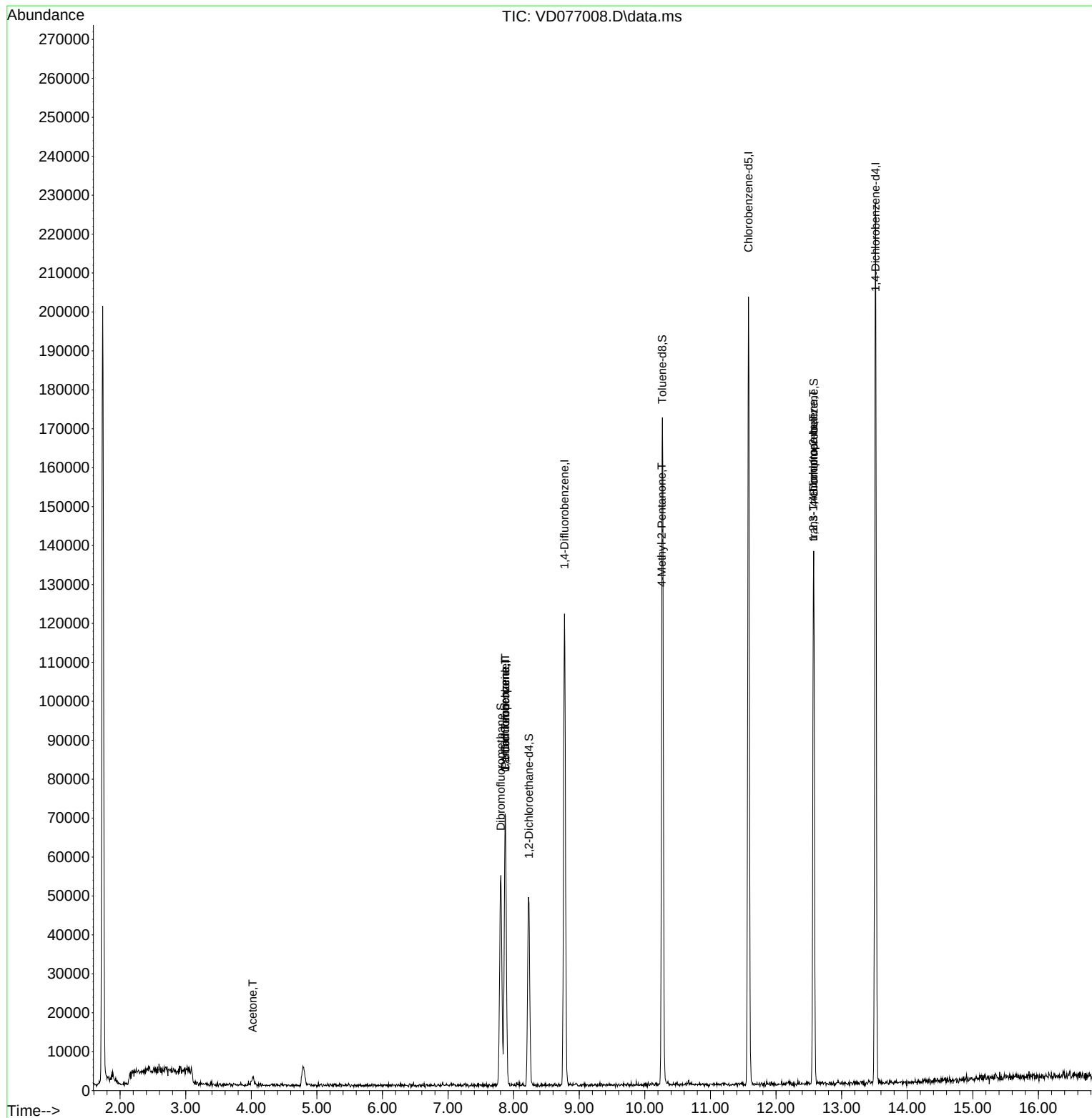
Internal Standards						
1) Pentafluorobenzene	7.869	168	54768	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	114887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38958	90.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.340%#	
35) Dibromofluoromethane	7.804	113	40703	65.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.800%	
50) Toluene-d8	10.263	98	126715	63.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.740%	
62) 4-Bromofluorobenzene	12.575	95	43081	62.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 124.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	3612	27.817	ug/l	# 79
20) Methylene Chloride	4.787	84	4184	Below Cal	#	88
31) Cyclohexane	7.881	56	1347	Below Cal	#	61
36) 1,1-Dichloropropene	7.875	75	3926	5.140	ug/l	# 49
38) Carbon Tetrachloride	7.875	117	6074	7.430	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.257	43	465	1.272	ug/l	# 1
76) 1,2,3-Trichloropropane	12.569	75	22513	40.267	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	22513	94.603	ug/l	# 17

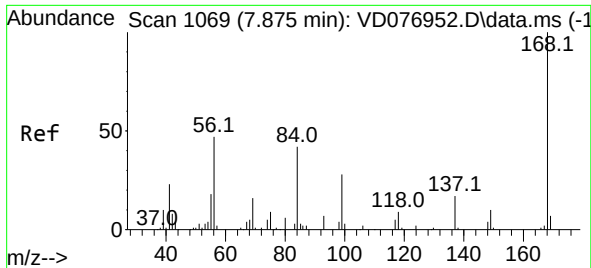
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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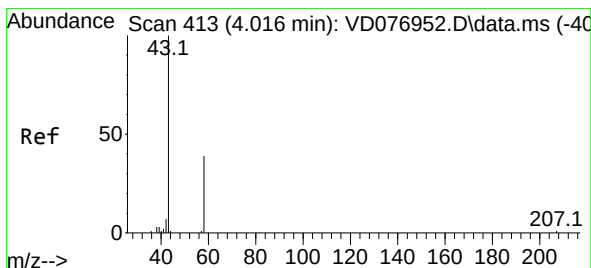
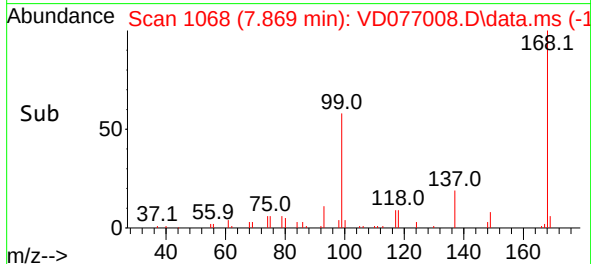
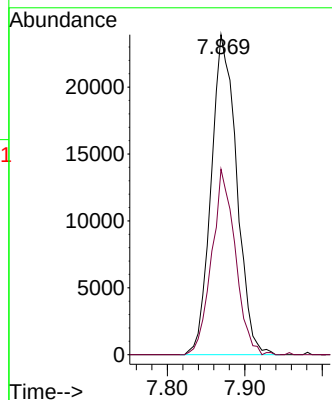
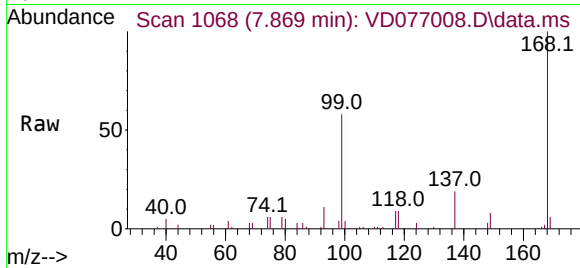




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

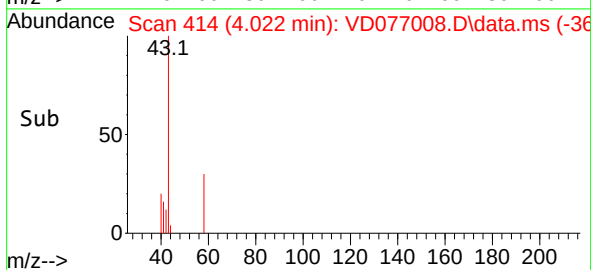
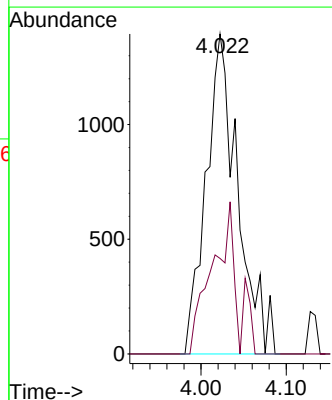
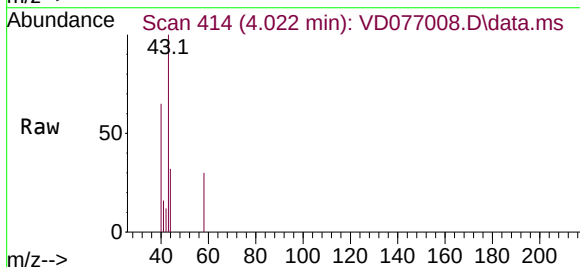
Instrument :
MSVOA_D
ClientSampleId :
SB-03-16.5-17.0

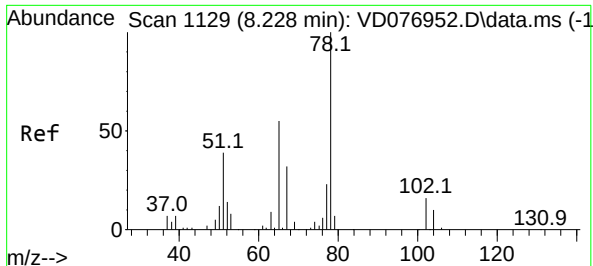
Tgt Ion:168 Resp: 54768
Ion Ratio Lower Upper
168 100
99 58.0 36.7 55.1#



#16
Acetone
Concen: 27.817 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
58 29.8 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 90.172 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077008.D

Acq: 14 Aug 2023 18:32

Instrument :

MSVOA_D

ClientSampleId :

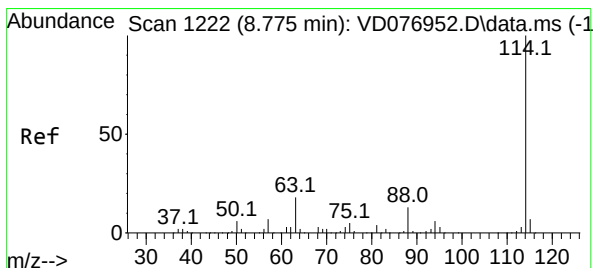
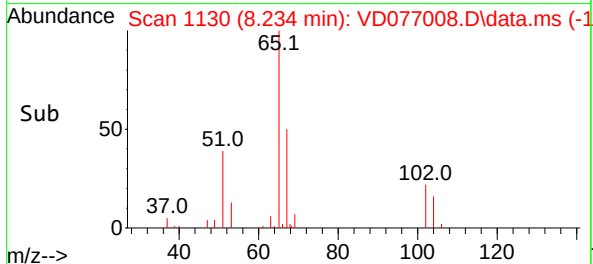
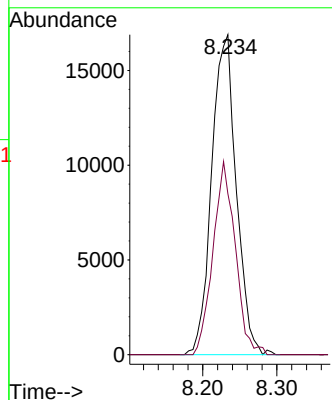
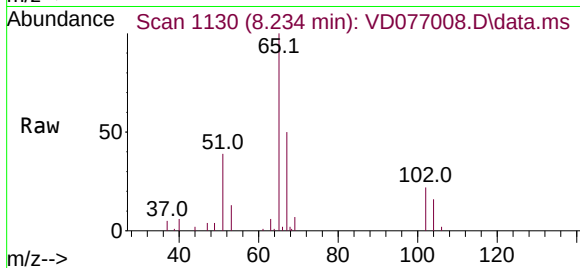
SB-03-16.5-17.0

Tgt Ion: 65 Resp: 38958

Ion Ratio Lower Upper

65 100

67 54.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077008.D

Acq: 14 Aug 2023 18:32

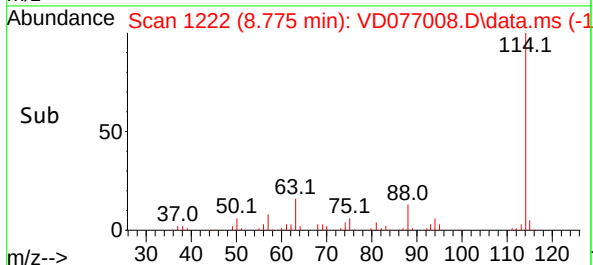
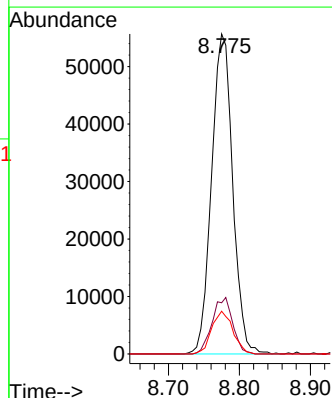
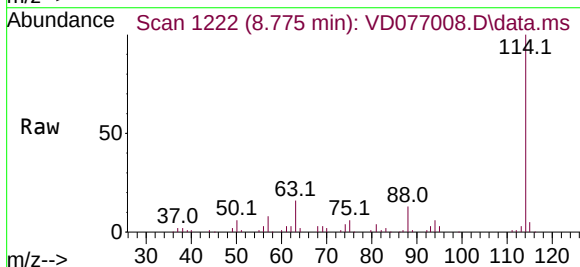
Tgt Ion: 114 Resp: 114887

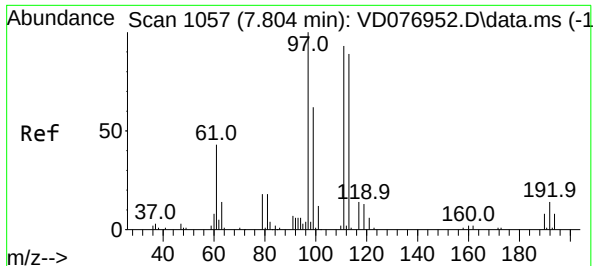
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 65.900 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077008.D

Acq: 14 Aug 2023 18:32

Instrument :

MSVOA_D

ClientSampleId :

SB-03-16.5-17.0

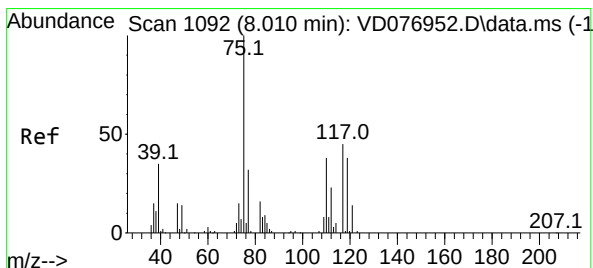
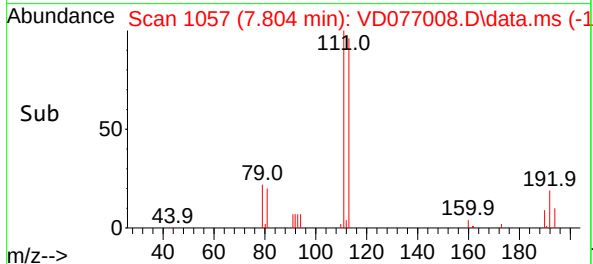
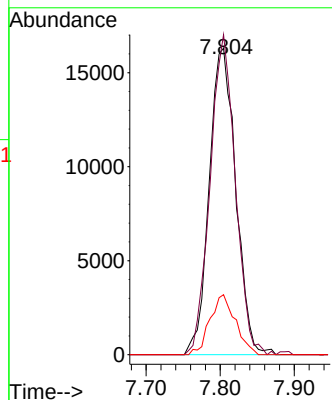
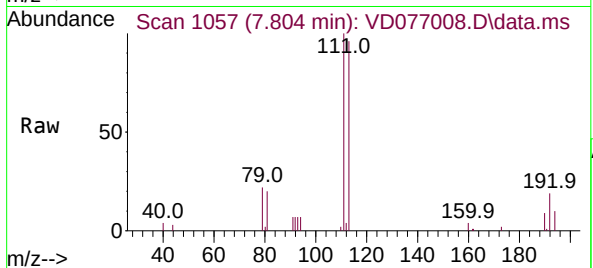
Tgt Ion:113 Resp: 40703

Ion Ratio Lower Upper

113 100

111 99.0 84.7 127.1

192 18.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.140 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD077008.D

Acq: 14 Aug 2023 18:32

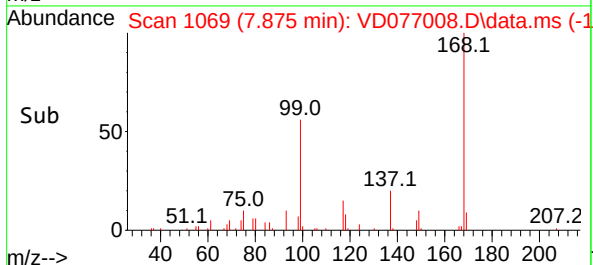
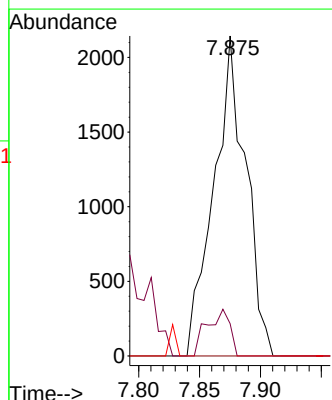
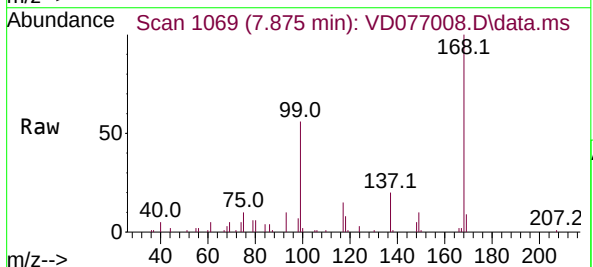
Tgt Ion: 75 Resp: 3926

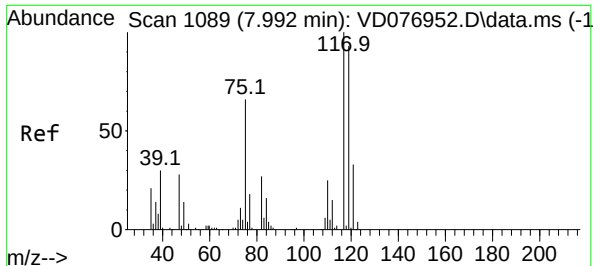
Ion Ratio Lower Upper

75 100

110 10.4 19.9 59.6#

77 0.0 24.7 37.1#

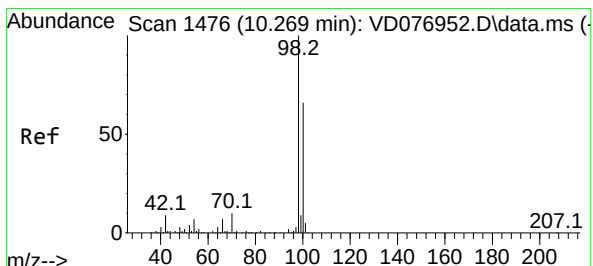
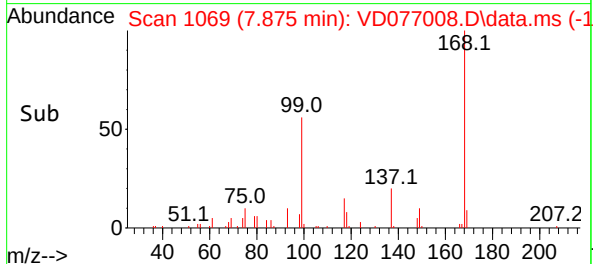
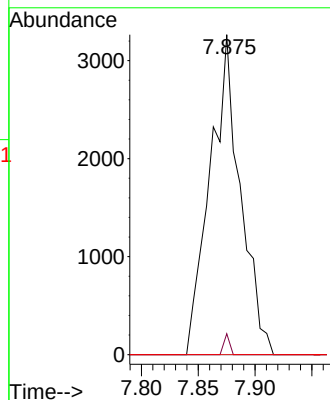
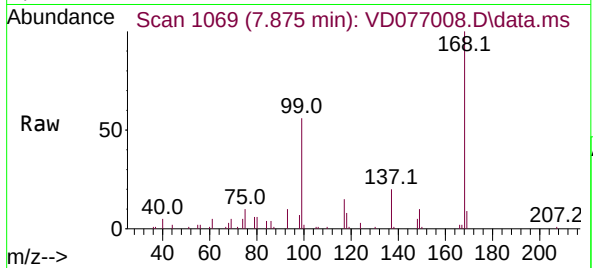




#38
Carbon Tetrachloride
Concen: 7.430 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.117 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

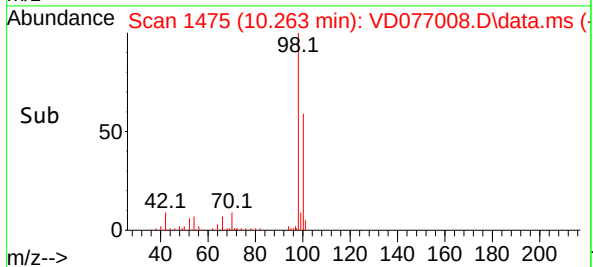
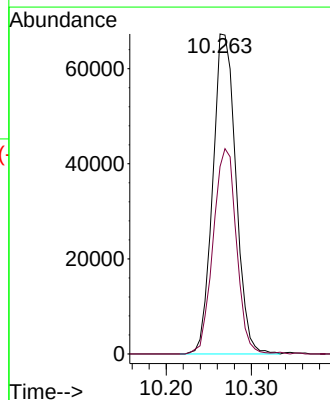
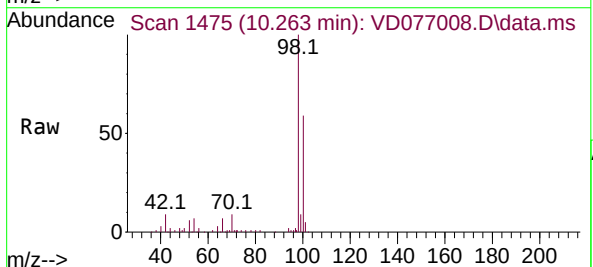
Instrument :
MSVOA_D
ClientSampleId :
SB-03-16.5-17.0

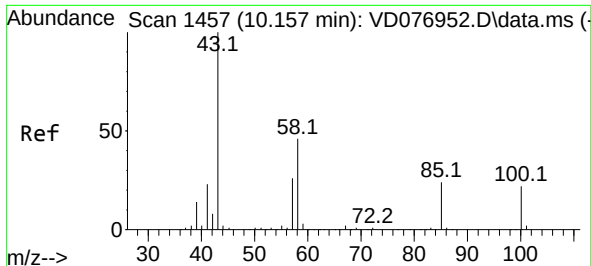
Tgt Ion:117 Resp: 6074
Ion Ratio Lower Upper
117 100
119 6.6 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 63.874 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Tgt Ion: 98 Resp: 126715
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

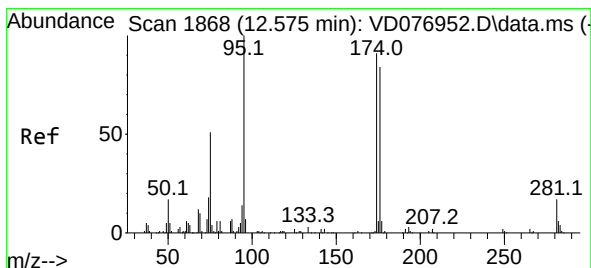
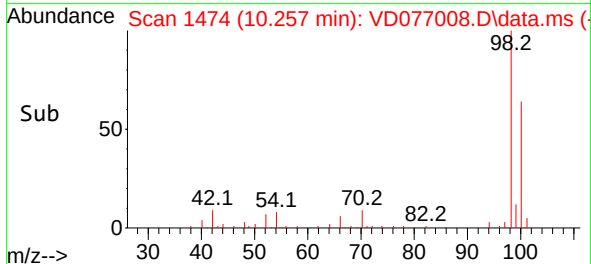
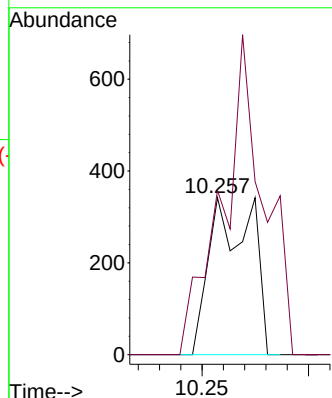
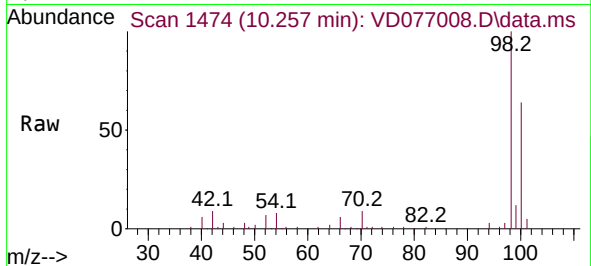




#51
4-Methyl-2-Pentanone
Concen: 1.272 ug/l
RT: 10.257 min Scan# 1457
Delta R.T. 0.100 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

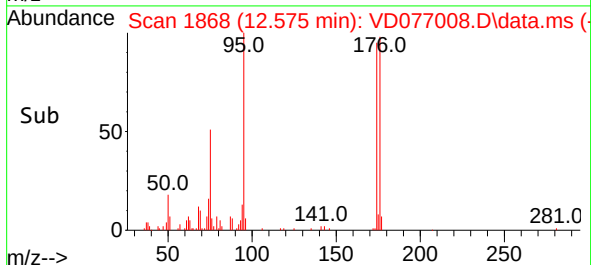
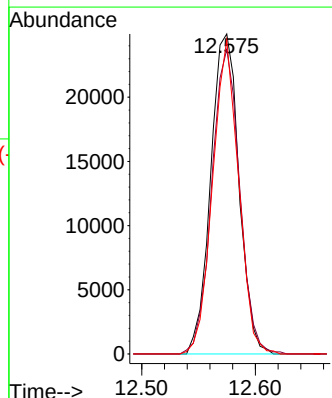
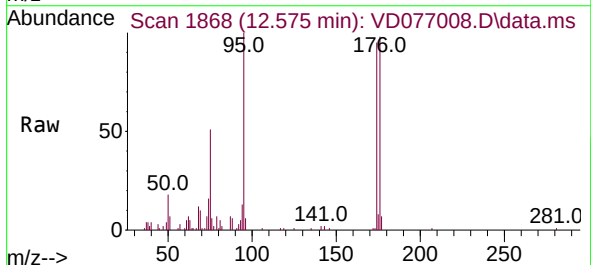
Instrument :
MSVOA_D
ClientSampleId :
SB-03-16.5-17.0

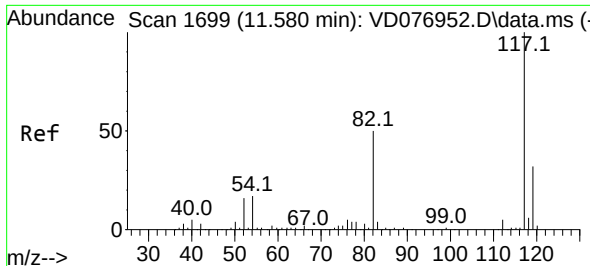
Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 203.2 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 62.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Tgt Ion: 95 Resp: 43081
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 90.3 0.0 191.8

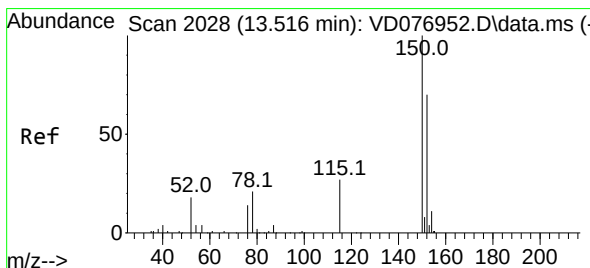
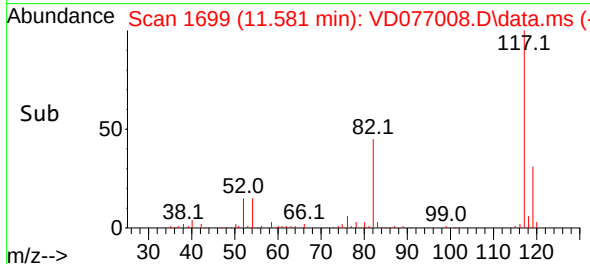
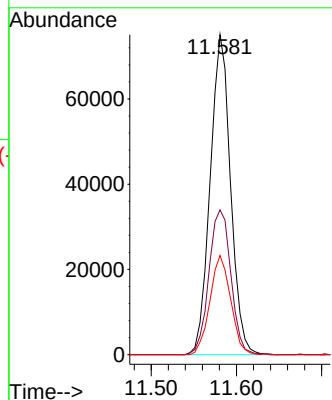
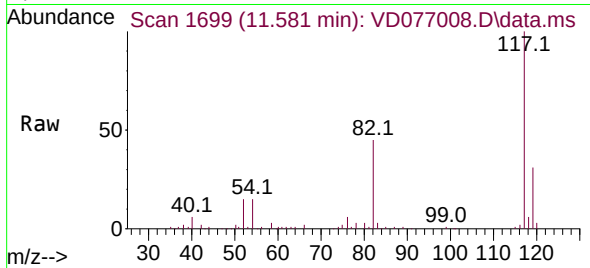




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

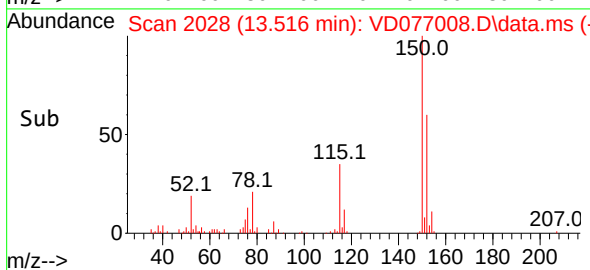
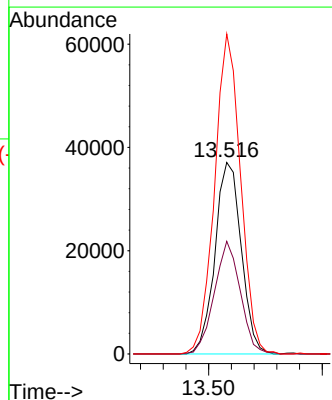
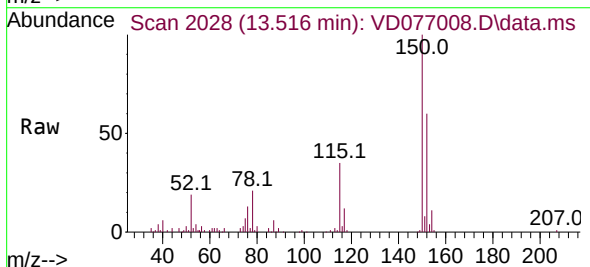
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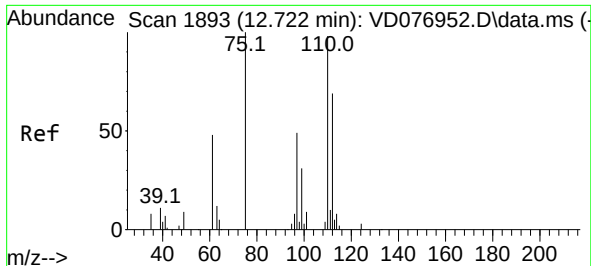
Tgt Ion:117 Resp: 124694
Ion Ratio Lower Upper
117 100
82 45.2 38.3 57.5
119 31.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Tgt Ion:152 Resp: 59599
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 164.8 0.0 353.6

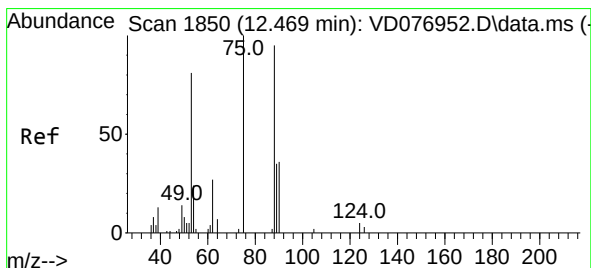
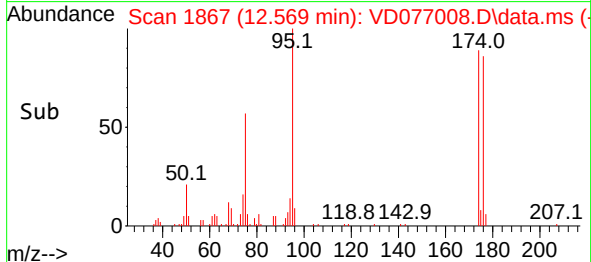
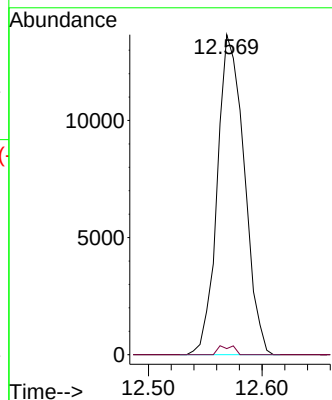
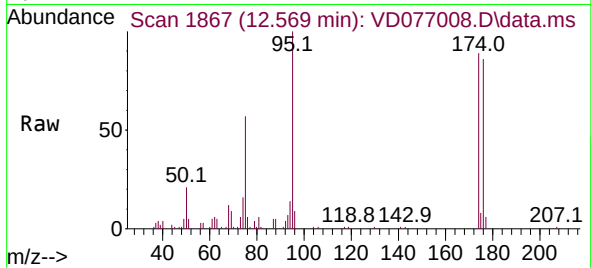




#76
1,2,3-Trichloropropane
Concen: 40.267 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Instrument :
MSVOA_D
ClientSampleId :
SB-03-16.5-17.0

Tgt Ion: 75 Resp: 22513
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.603 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Tgt Ion: 75 Resp: 22513
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

