

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072807.D
 Acq On : 05 May 2022 13:49
 Operator : VA/SY
 Sample : N2677-08RE
 Misc : 4.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3,13

Quant Time: May 06 03:48:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

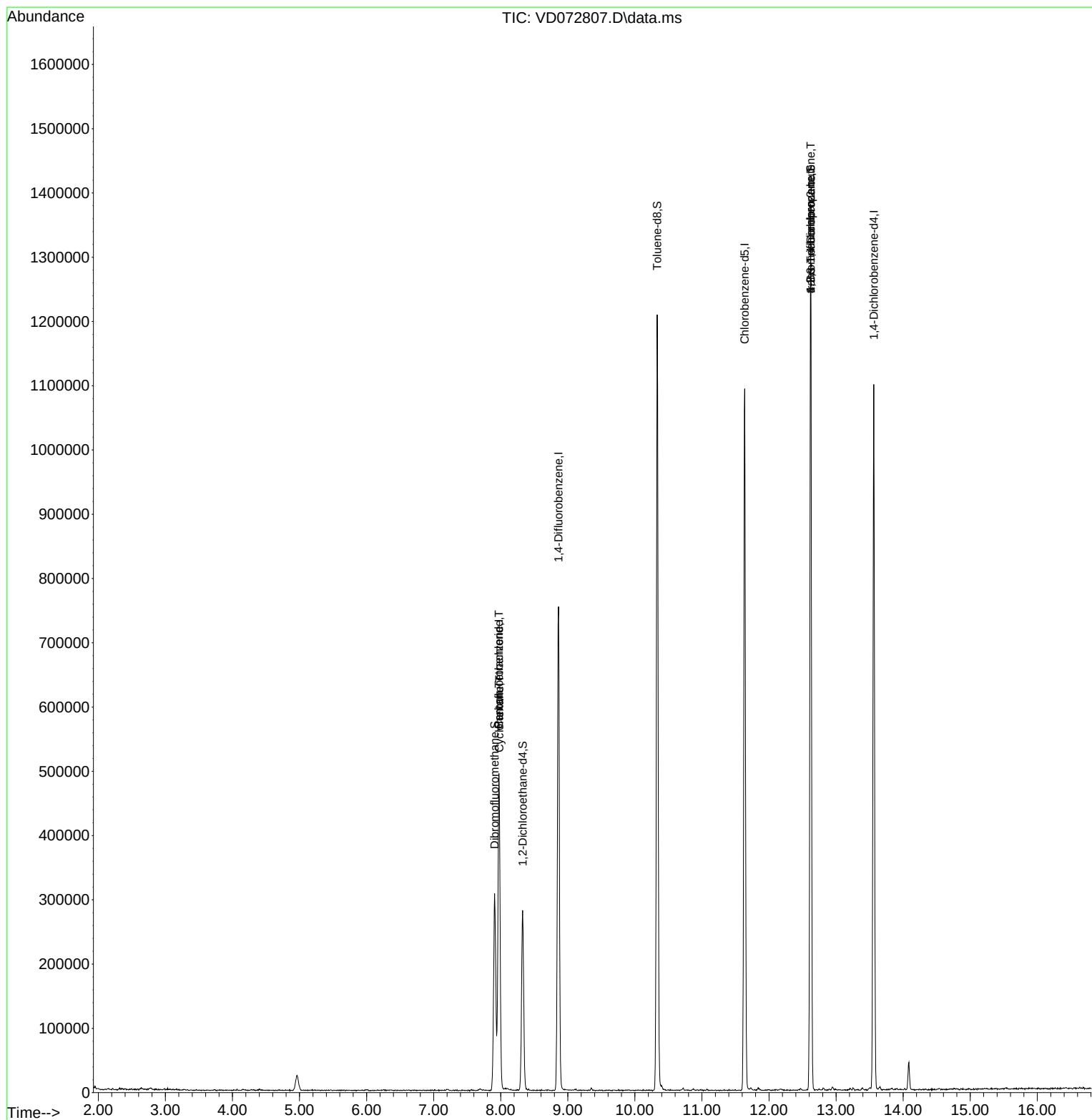
Internal Standards						
1) Pentafluorobenzene	7.973	168	349369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	639491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	621866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218154	48.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.908	113	216571	48.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.332	98	786668	48.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.620	95	298195	49.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.280%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	1232	Below Cal		82
16) Acetone	4.150	43	2762	Below Cal	#	47
18) Methyl Acetate	4.762	43	60	Below Cal	#	55
20) Methylene Chloride	4.962	84	18091	Below Cal	#	77
31) Cyclohexane	7.979	56	8758	1.105	ug/l #	6
38) Carbon Tetrachloride	7.973	117	36950	4.874	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	155992	49.903	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	155992	114.756	ug/l #	8

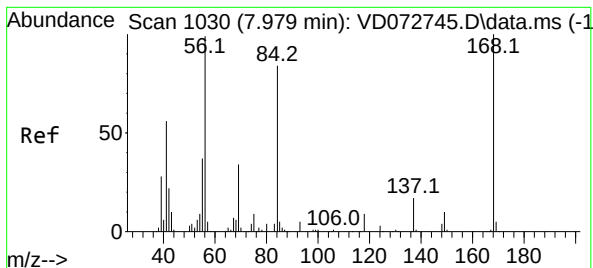
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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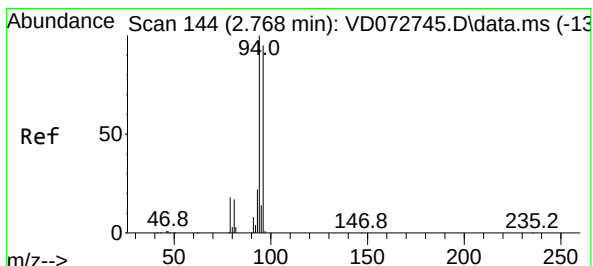
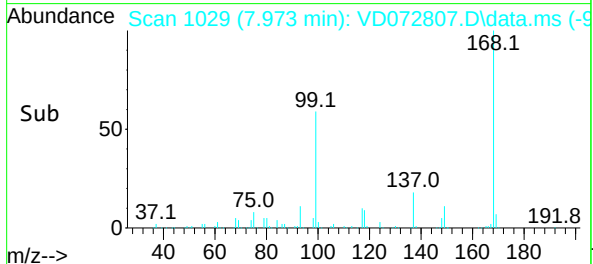
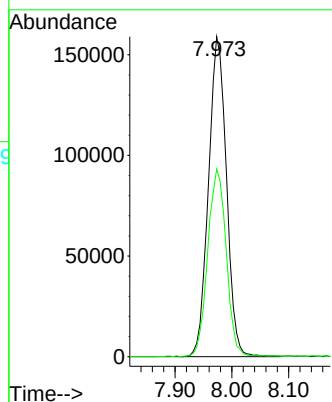
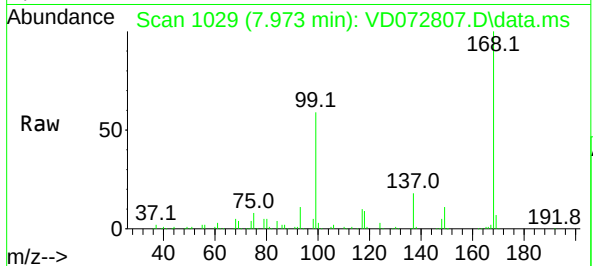




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

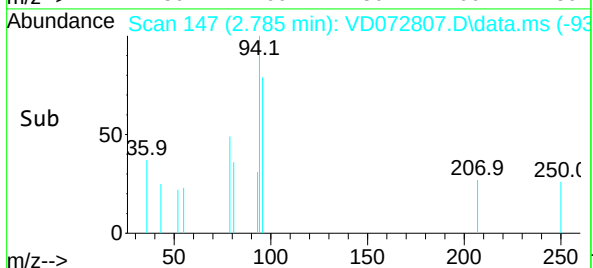
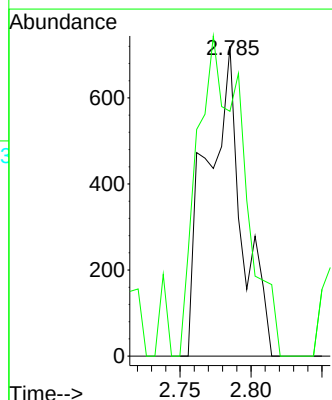
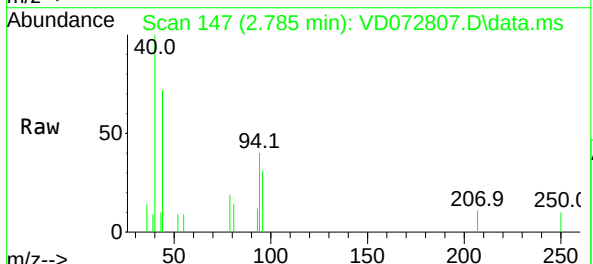
Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

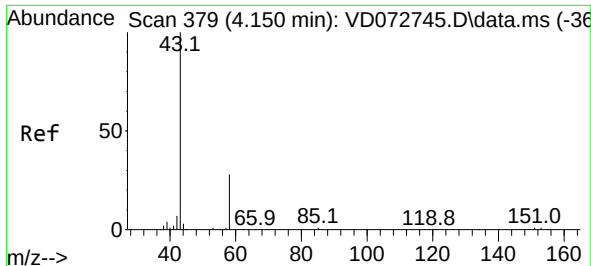
Tgt Ion:168 Resp: 349369
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

Tgt Ion: 94 Resp: 1232
Ion Ratio Lower Upper
94 100
96 79.0 77.6 116.4

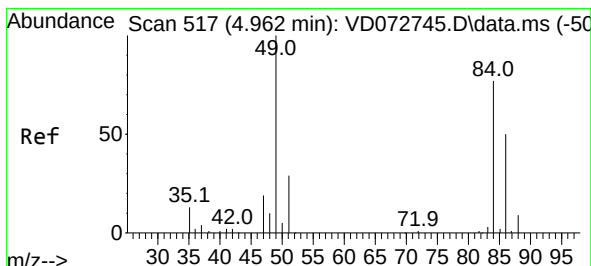
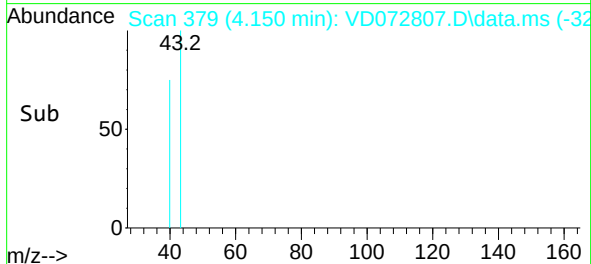
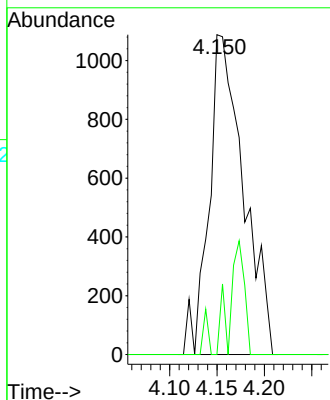
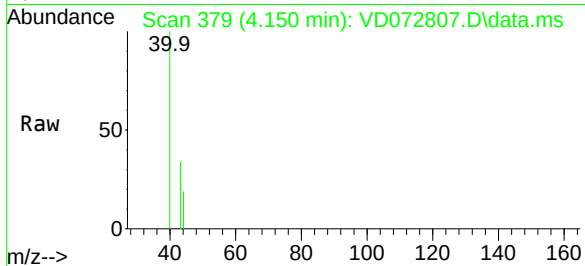




#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

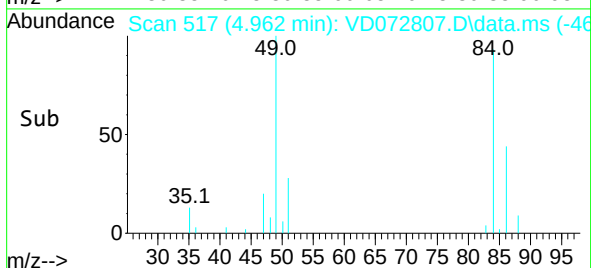
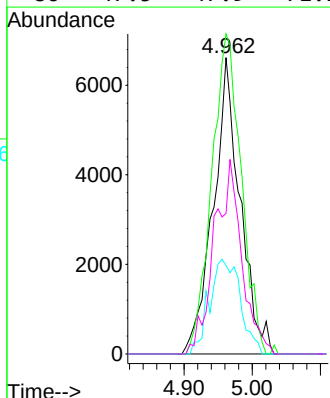
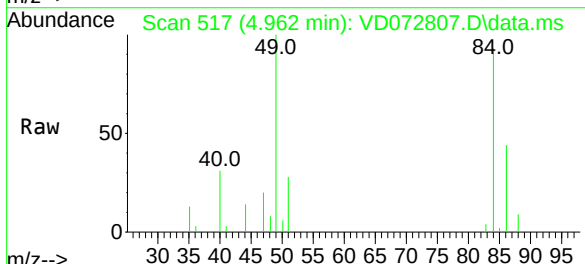
Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

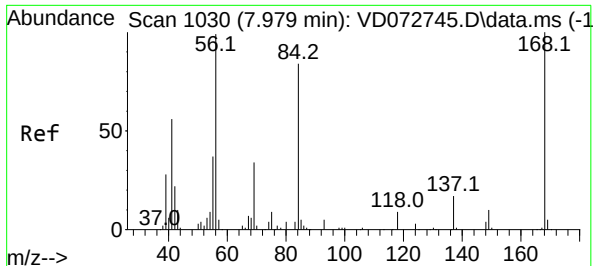
Tgt Ion: 43 Resp: 2762
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

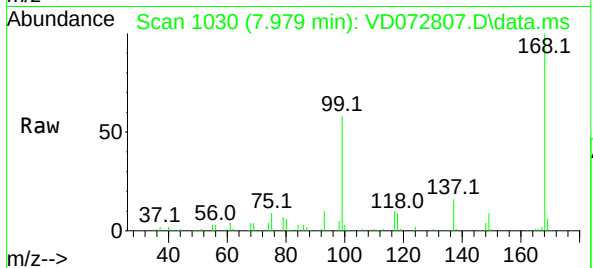
Tgt Ion: 84 Resp: 18091
Ion Ratio Lower Upper
84 100
49 108.0 112.8 169.2#
51 29.8 32.6 48.8#
86 47.5 47.9 71.9#



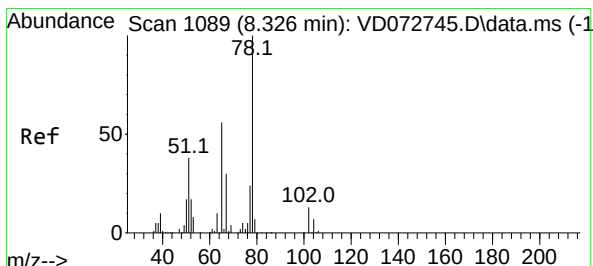
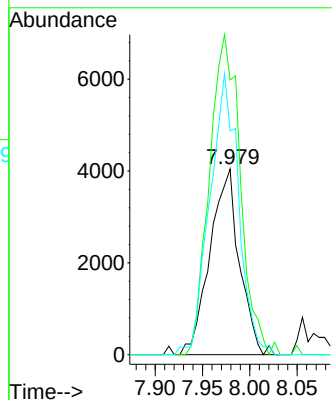
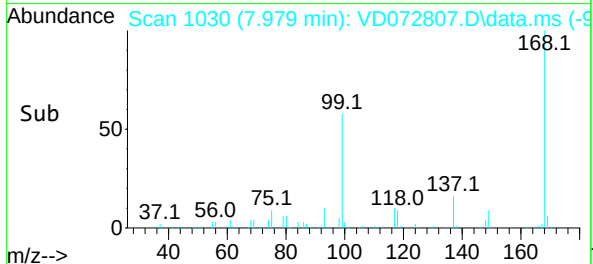


#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

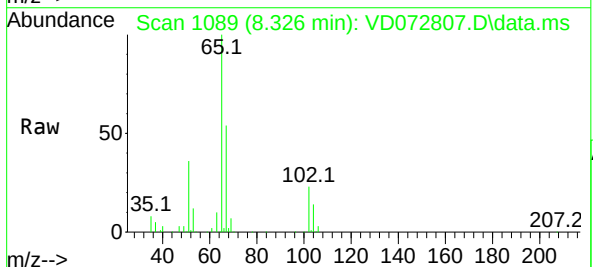
Instrument :
MSVOA_D
ClientSampleId :
SB-3,13



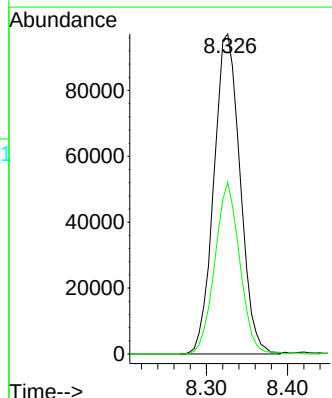
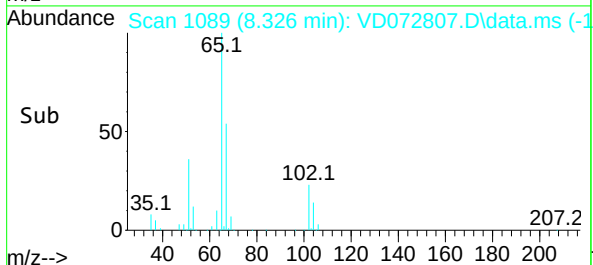
Tgt Ion: 56 Resp: 8758
Ion Ratio Lower Upper
56 100
69 148.0 25.4 38.2#
84 120.7 63.0 94.4#

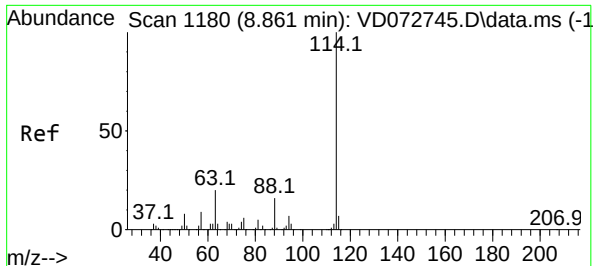


#33
1,2-Dichloroethane-d4
Concen: 48.104 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49



Tgt Ion: 65 Resp: 218154
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072807.D

Acq: 05 May 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

SB-3,13

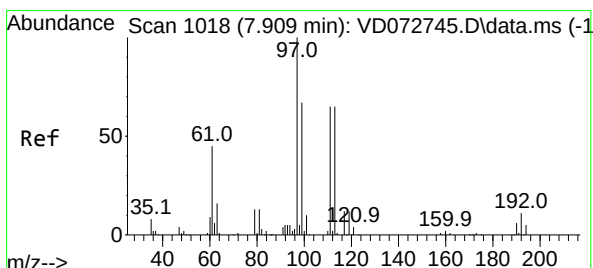
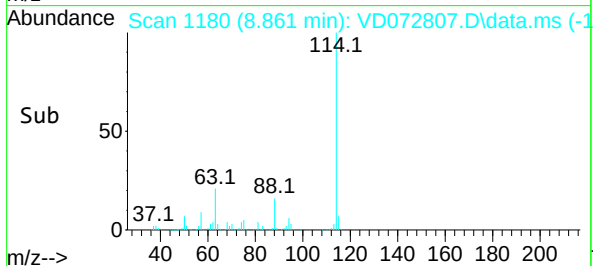
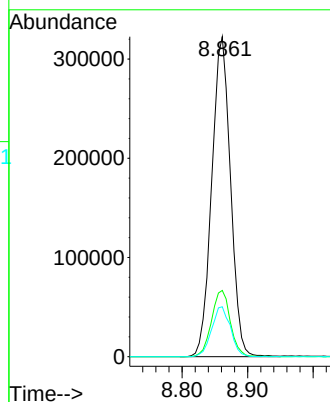
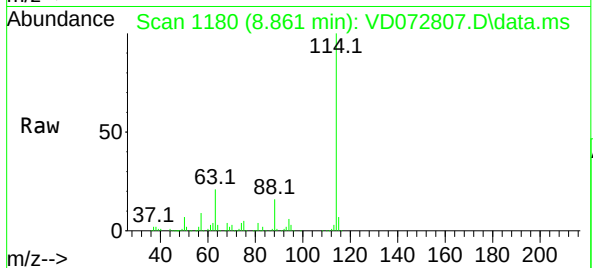
Tgt Ion:114 Resp: 639491

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.221 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072807.D

Acq: 05 May 2022 13:49

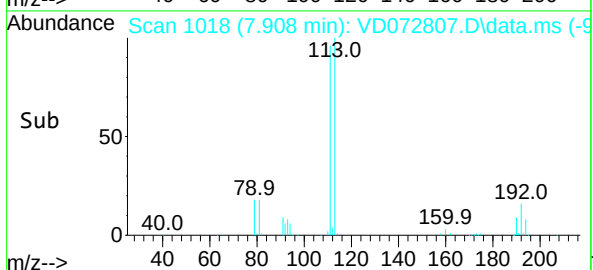
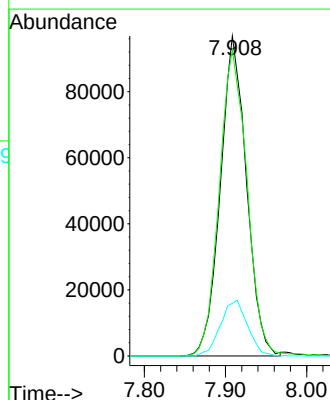
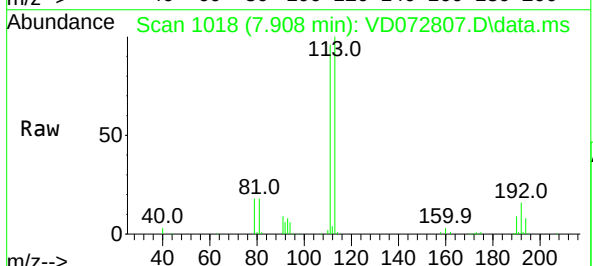
Tgt Ion:113 Resp: 216571

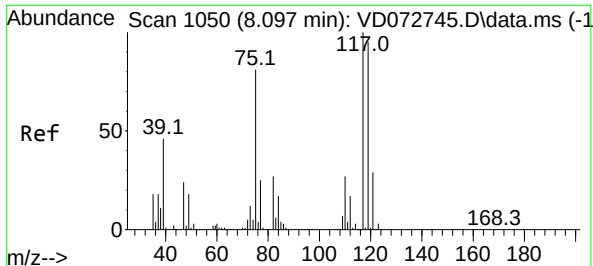
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.1 14.6 21.8

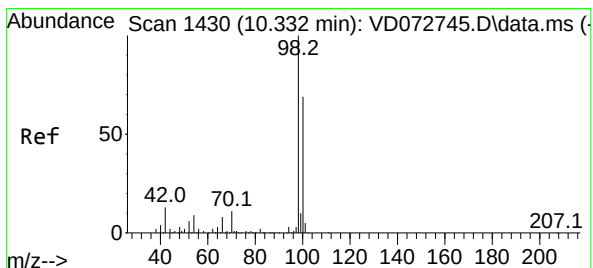
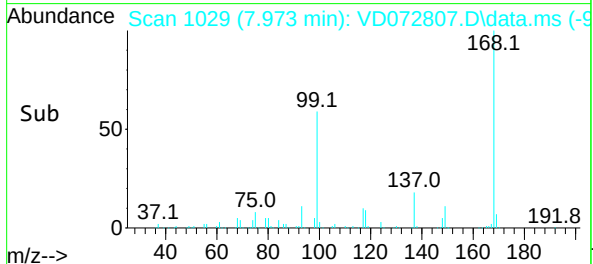
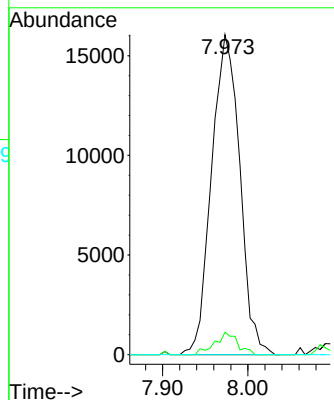
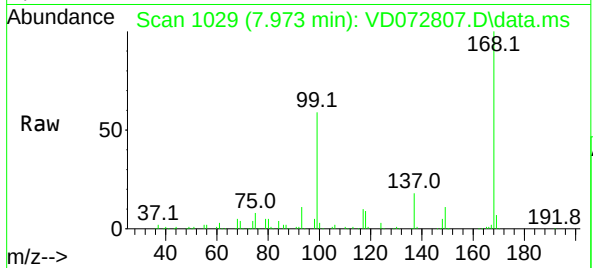




#38
Carbon Tetrachloride
Concen: 4.874 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

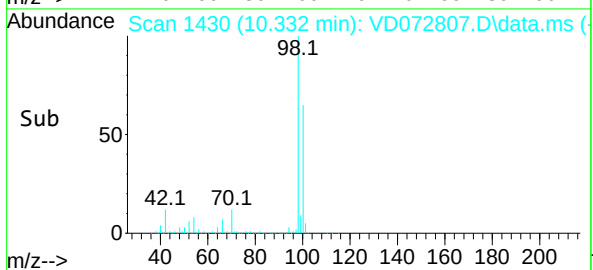
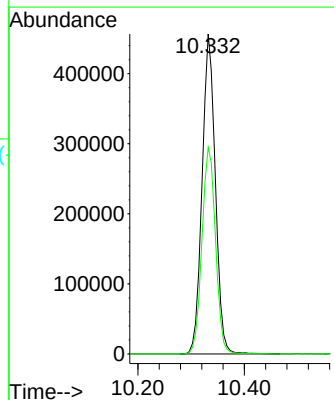
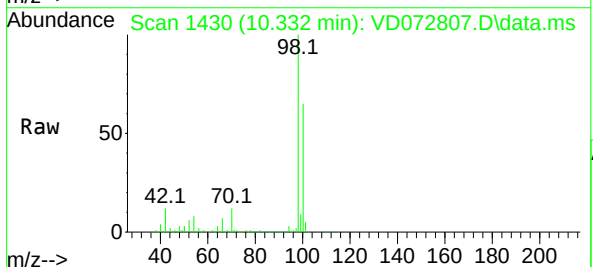
Instrument :
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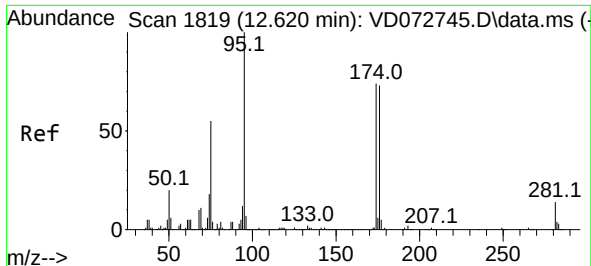
Tgt Ion:117 Resp: 36950
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

Tgt Ion: 98 Resp: 786668
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

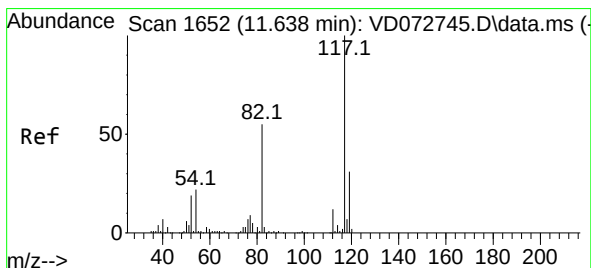
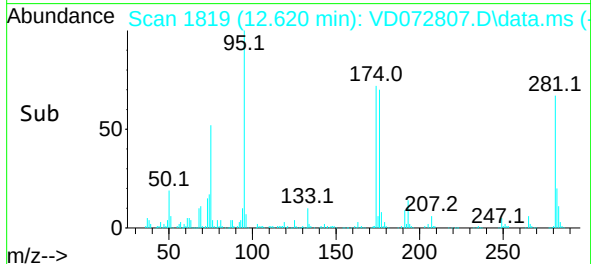
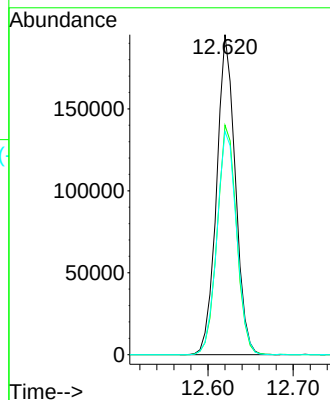
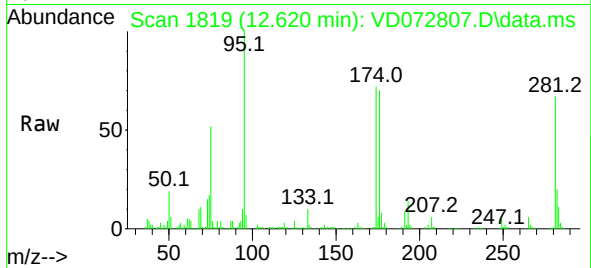




#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

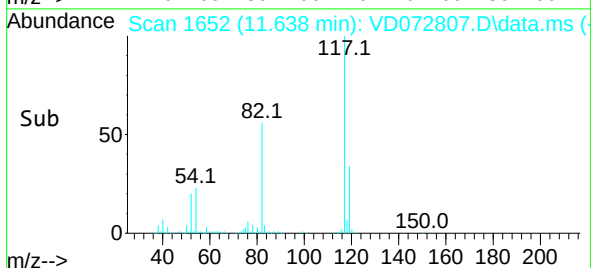
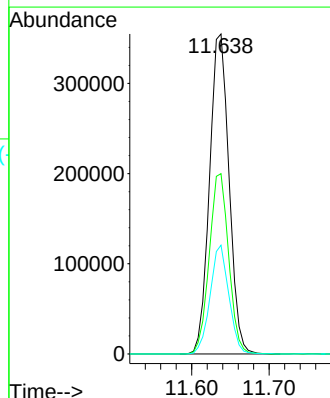
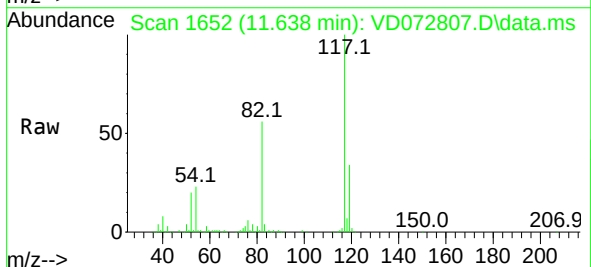
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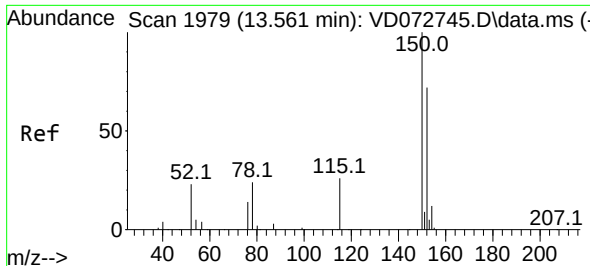
Tgt Ion: 95 Resp: 298195
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

Tgt Ion: 117 Resp: 621866
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 34.0 26.6 40.0

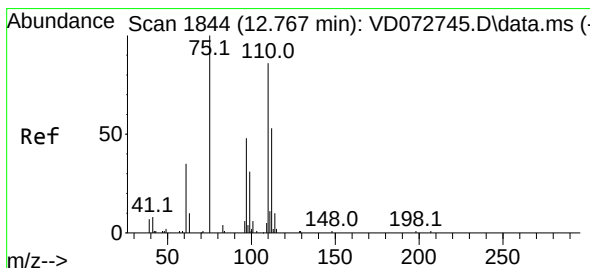
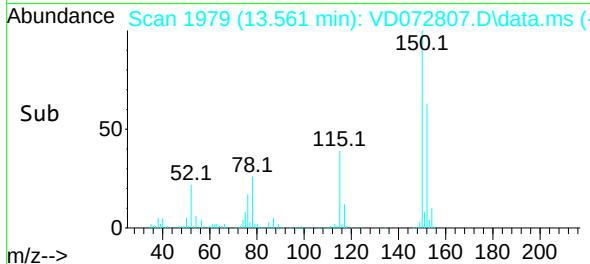
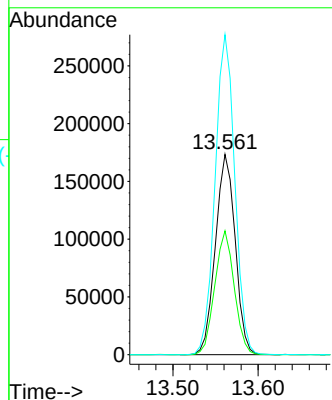
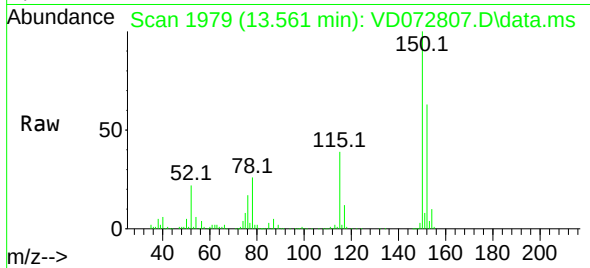




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072807.D
 Acq: 05 May 2022 13:49

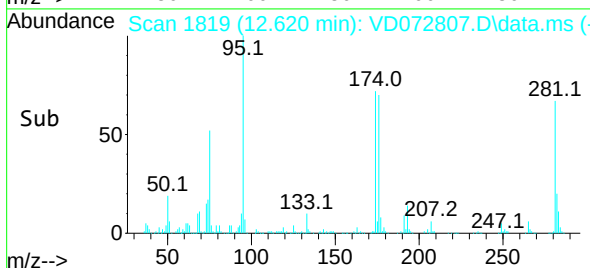
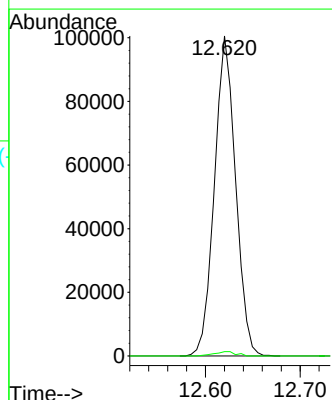
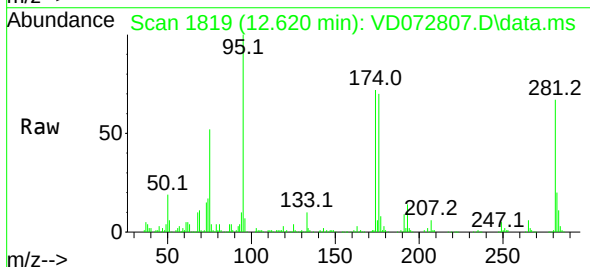
Instrument :
 MSVOA_D
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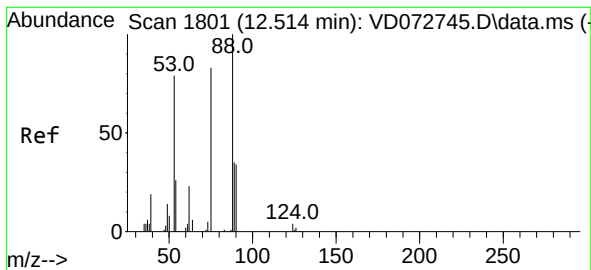
Tgt Ion:152 Resp: 280336
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.3 93.8
 150 158.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.903 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072807.D
 Acq: 05 May 2022 13:49

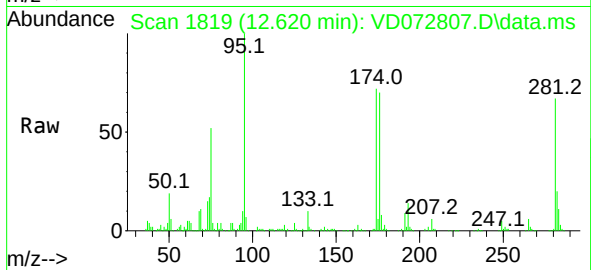
Tgt Ion: 75 Resp: 155992
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.756 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072807.D
 Acq: 05 May 2022 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3,13



Tgt Ion: 75 Resp: 155992
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 1.5 33.9 50.9#

