

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073012.D
 Acq On : 14 May 2022 02:56
 Operator : VA/SY
 Sample : VD0513SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL02

Quant Time: May 16 05:19:32 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)

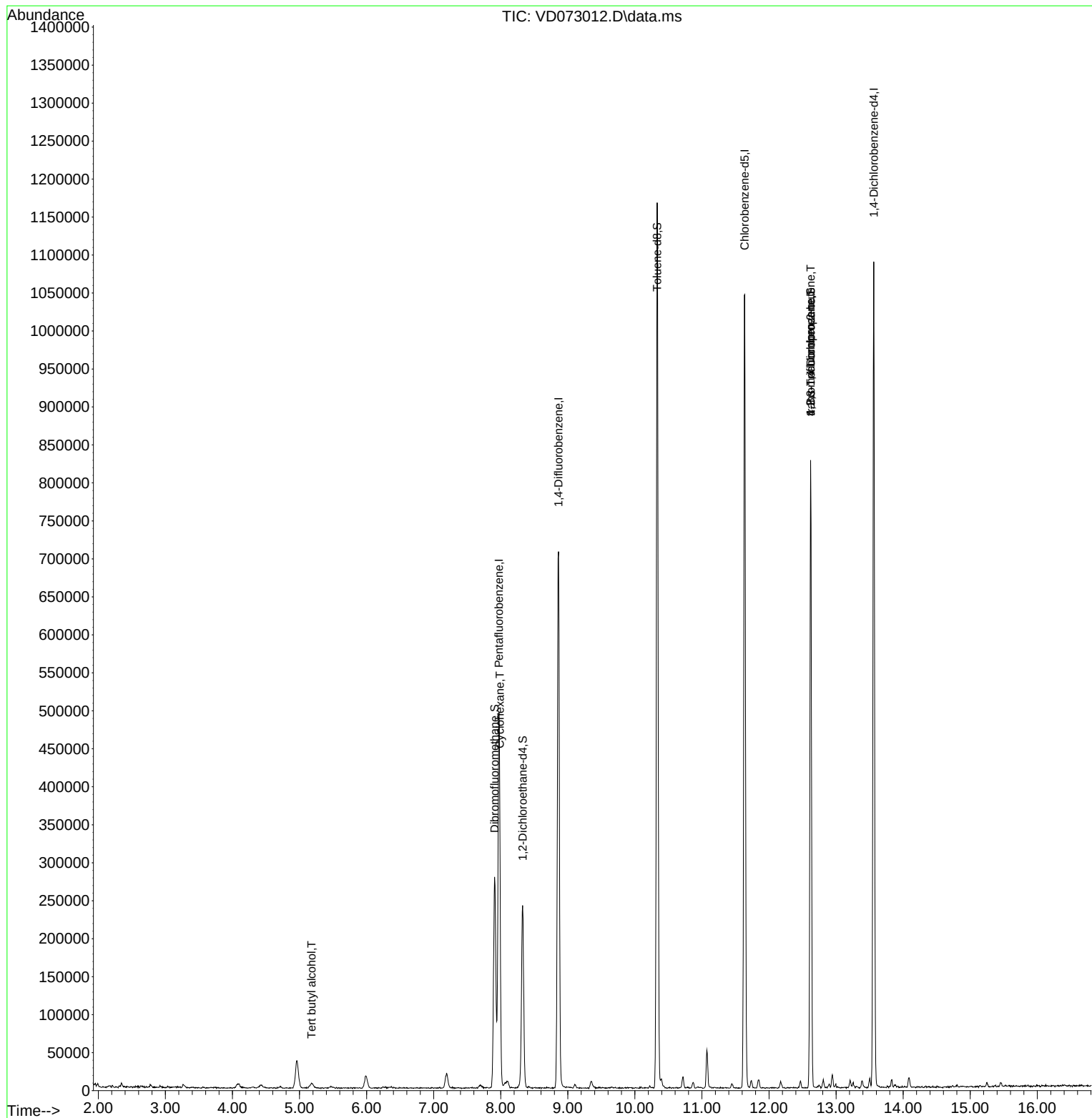
Internal Standards						
1) Pentafluorobenzene	7.973	168	357767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	613743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	275607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188509	40.591	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.180%		
35) Dibromofluoromethane	7.909	113	203612	46.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.240%		
50) Toluene-d8	10.332	98	762081	48.639	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.280%		
62) 4-Bromofluorobenzene	12.620	95	267991	45.871	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.740%		
Target Compounds						
5) Bromomethane	2.779	94	2141	Below Cal	#	65
11) Tert butyl alcohol	5.179	59	6249	15.552	ug/l #	76
16) Acetone	4.168	43	1597	Below Cal	#	47
18) Methyl Acetate	4.744	43	59	Below Cal	#	55
20) Methylene Chloride	4.956	84	27614	Below Cal	#	83
31) Cyclohexane	7.985	56	11220	1.382	ug/l #	59
76) 1,2,3-Trichloropropane	12.620	75	140179	45.613	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	140179	104.892	ug/l #	7

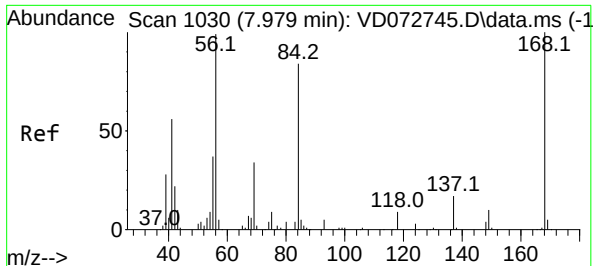
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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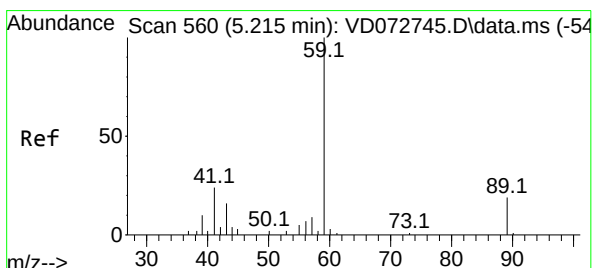
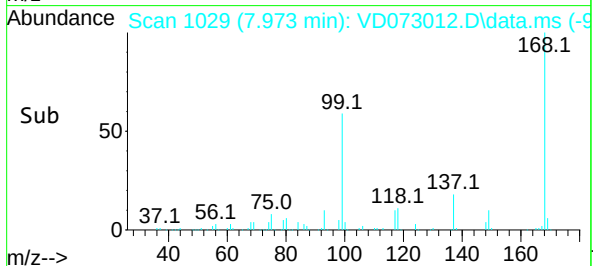
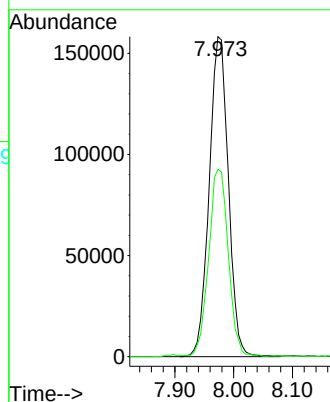
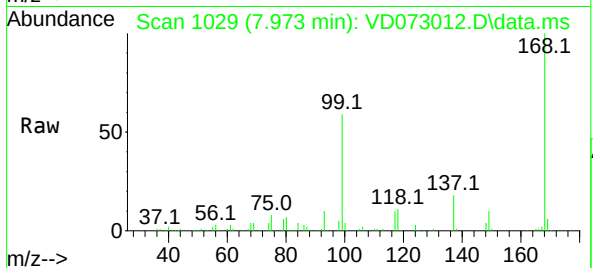




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

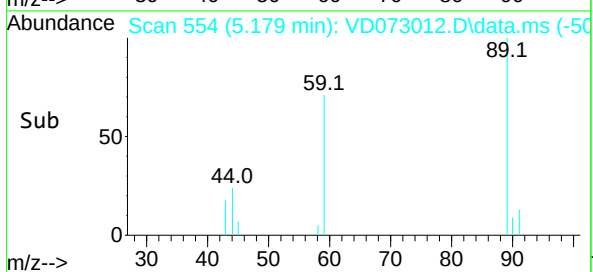
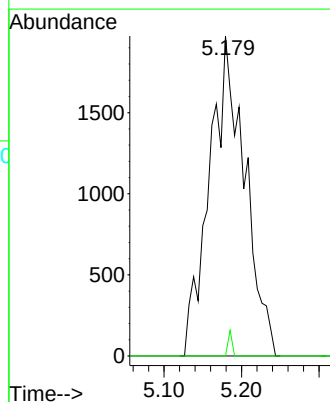
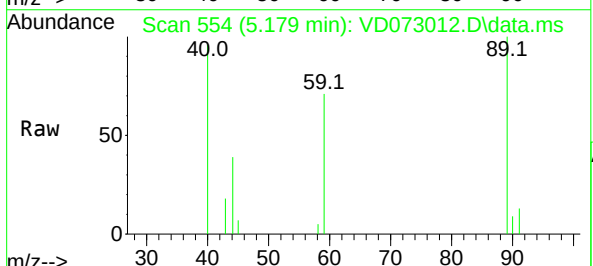
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

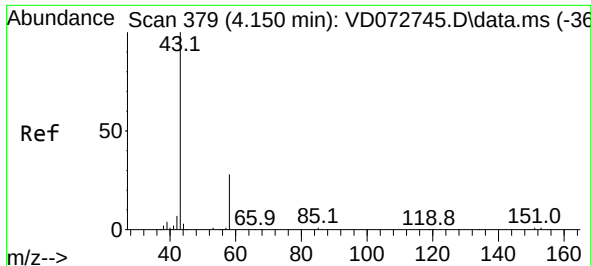
Tgt Ion:168 Resp: 357767
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#11
Tert butyl alcohol
Concen: 15.552 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion: 59 Resp: 6249
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.6#

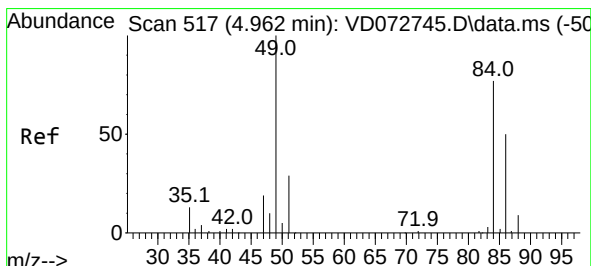
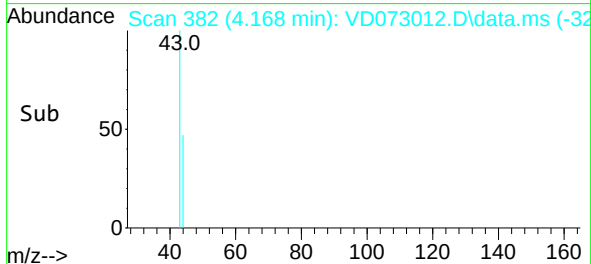
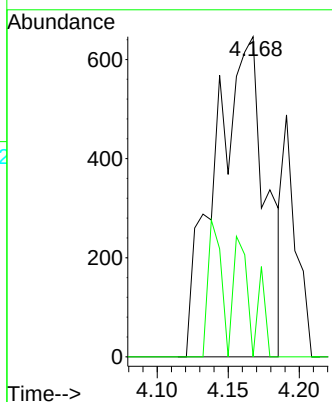
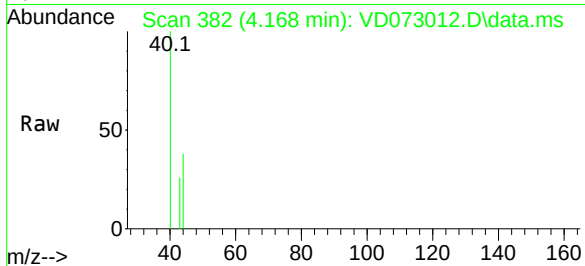




#16
Acetone
Concen: Below Cal
RT: 4.168 min Scan# 31
Delta R.T. 0.018 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

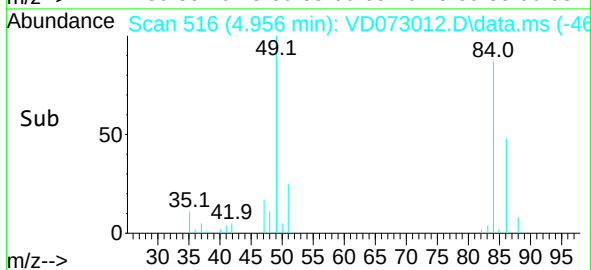
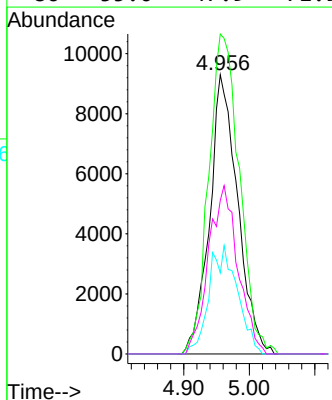
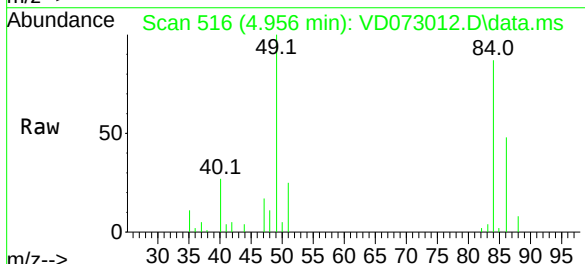
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

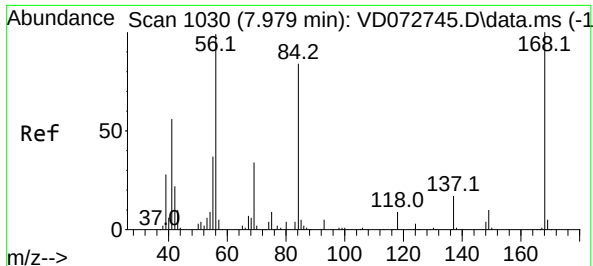
Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion: 84 Resp: 27614
Ion Ratio Lower Upper
84 100
49 114.6 112.8 169.2
51 29.1 32.6 48.8#
86 55.0 47.9 71.9

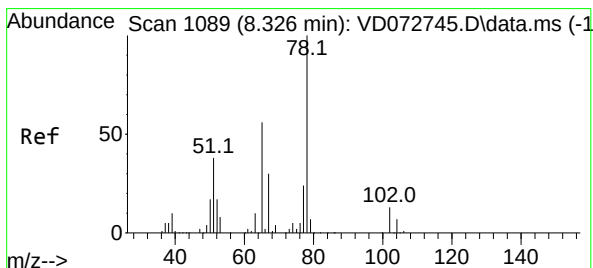
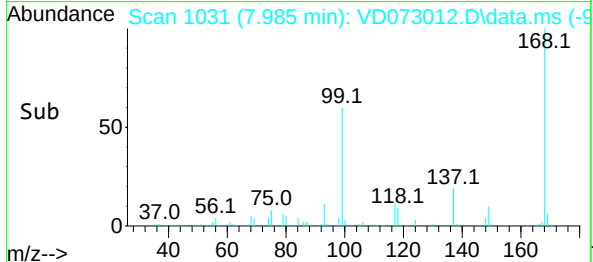
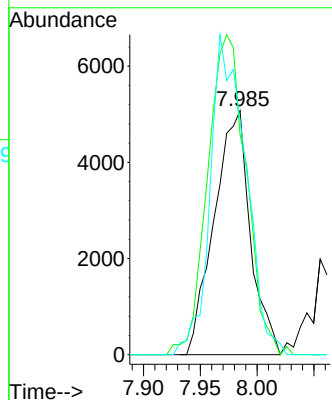
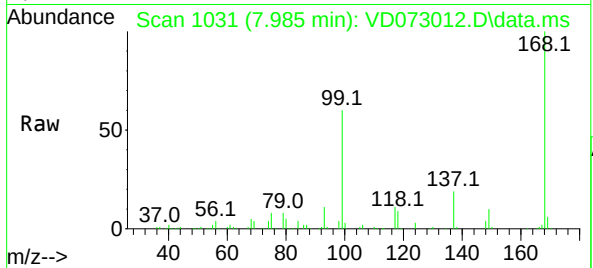




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

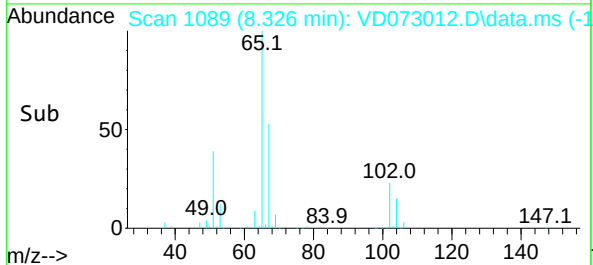
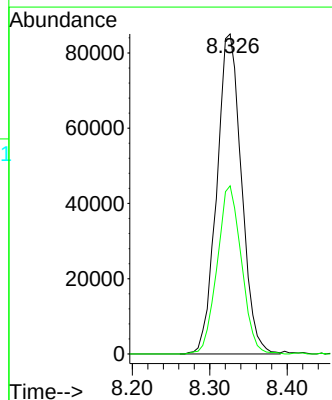
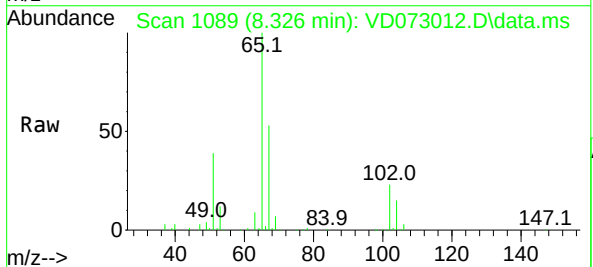
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

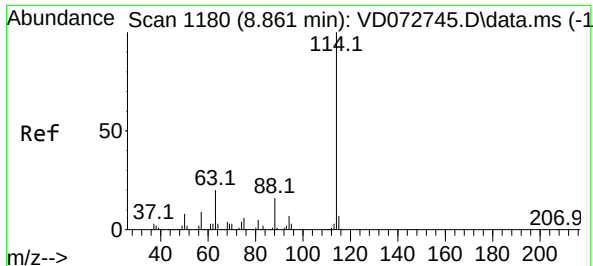
Tgt Ion: 56 Resp: 11220
Ion Ratio Lower Upper
56 100
69 90.2 25.4 38.2#
84 91.5 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 40.591 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion: 65 Resp: 188509
Ion Ratio Lower Upper
65 100
67 51.6 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: VD073012.D

Acq: 14 May 2022 02:56

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBL02

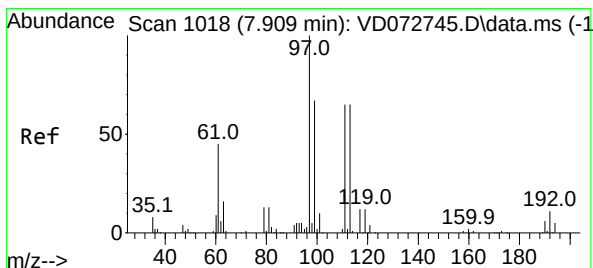
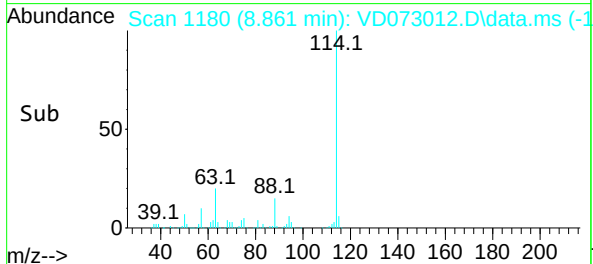
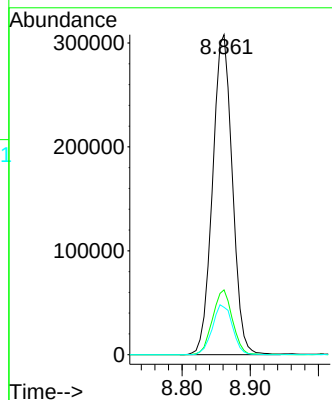
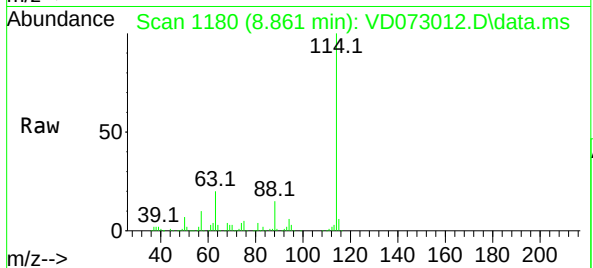
Tgt Ion:114 Resp: 621935

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.615 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073012.D

Acq: 14 May 2022 02:56

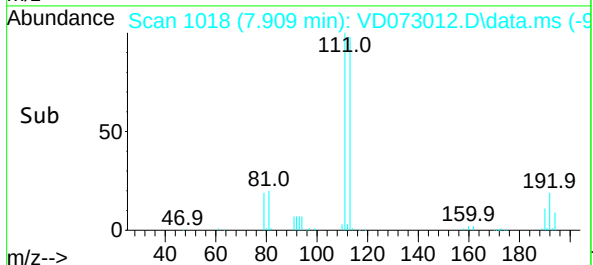
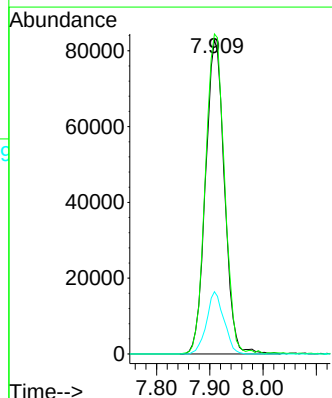
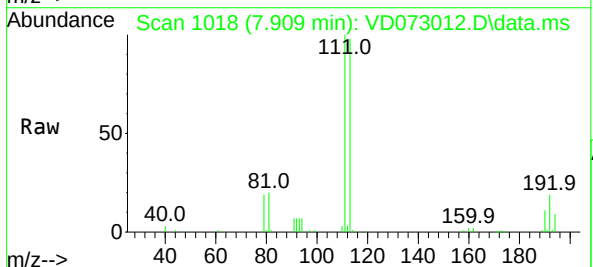
Tgt Ion:113 Resp: 203612

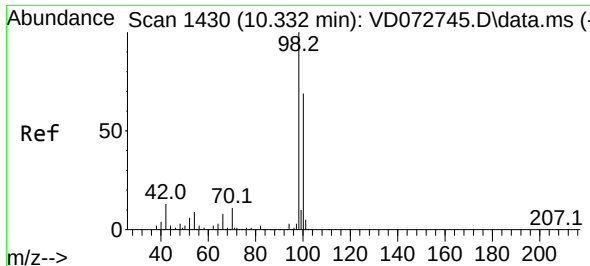
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.3 14.6 21.8

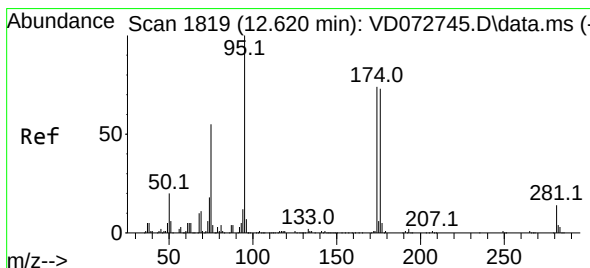
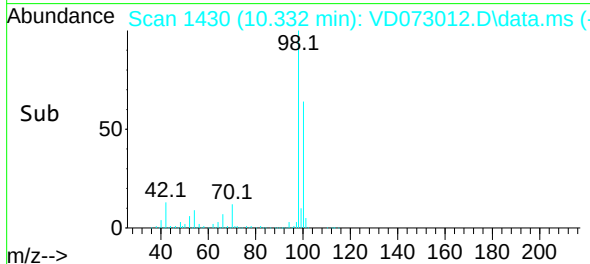
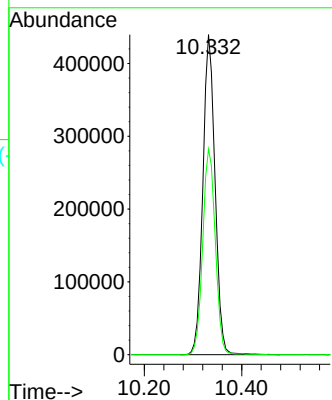
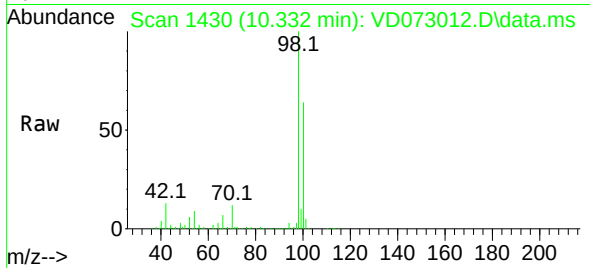




#50
Toluene-d8
Concen: 48.639 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

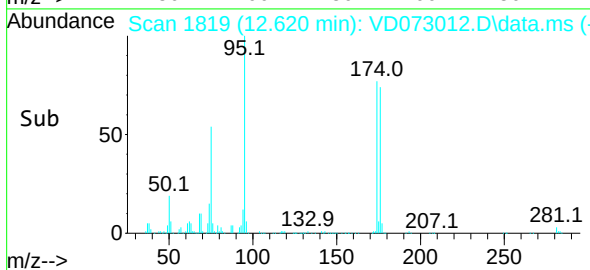
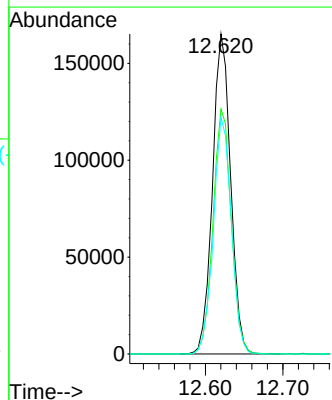
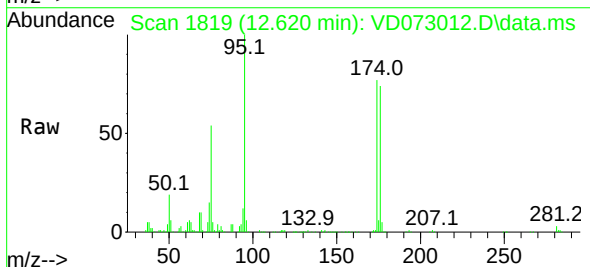
Instrument :
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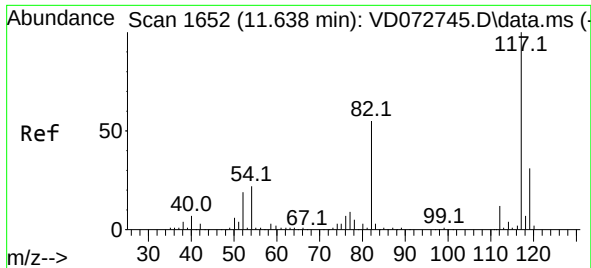
Tgt Ion: 98 Resp: 762081
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.871 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion: 95 Resp: 267991
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.8 0.0 145.4

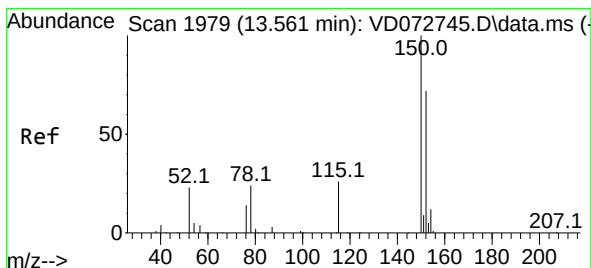
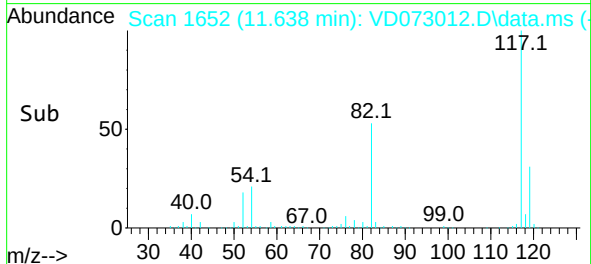
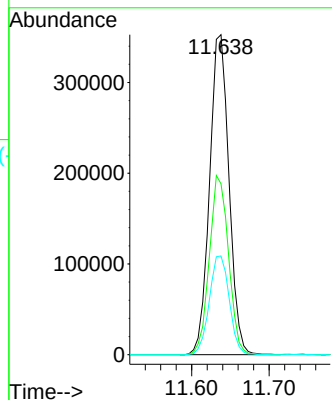
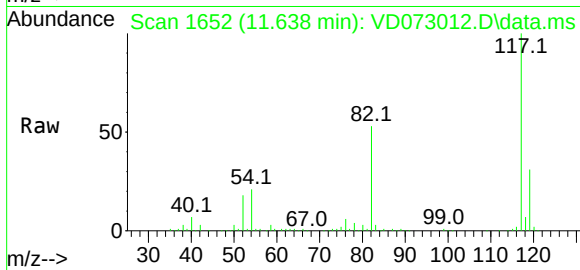




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

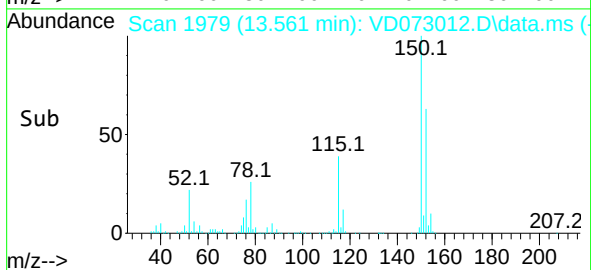
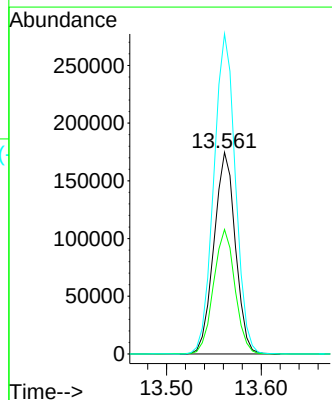
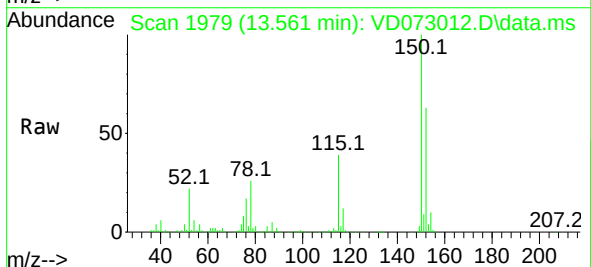
Instrument :
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ClientSampleId :
VD0513SBL02

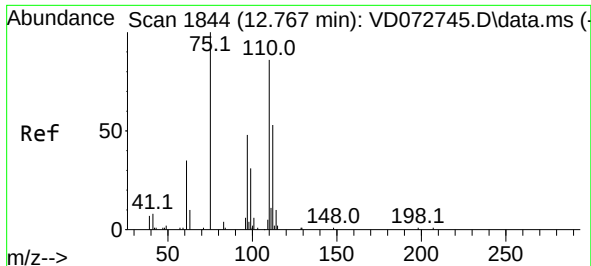
Tgt Ion:117 Resp: 613743
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 30.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion:152 Resp: 275607
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 159.9 0.0 348.6

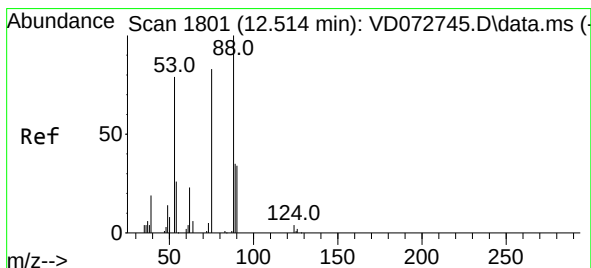
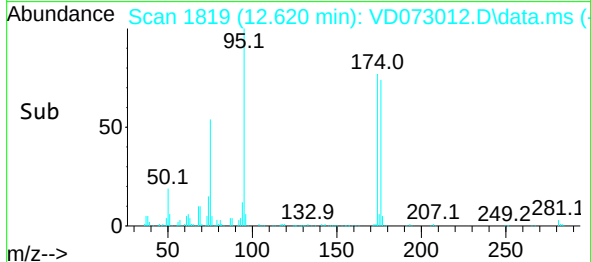
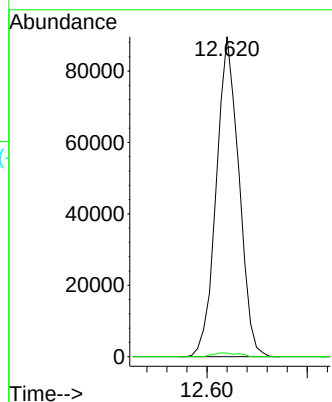
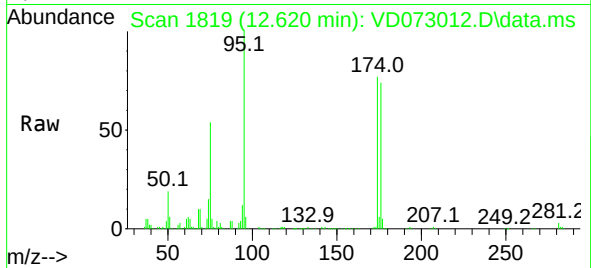




#76
1,2,3-Trichloropropane
Concen: 45.613 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

Tgt Ion: 75 Resp: 140179
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.892 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion: 75 Resp: 140179
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

