

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072969.D
 Acq On : 13 May 2022 02:28
 Operator : VA/SY
 Sample : VD0512SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBL02

Quant Time: May 13 06:01:39 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

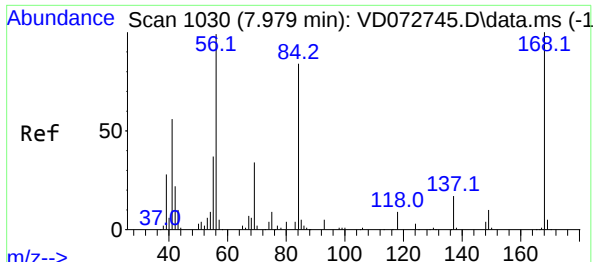
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	320366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177053	42.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.160%
35) Dibromofluoromethane	7.908	113	191351	46.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.000%
50) Toluene-d8	10.332	98	706284	48.360	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.620	95	249760	45.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.720%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	1166	Below Cal	#	73
11) Tert butyl alcohol	5.179	59	4362	12.123	ug/l #	74
16) Acetone	4.150	43	1852	Below Cal	#	81
18) Methyl Acetate	4.973	43	149	Below Cal	#	55
31) Cyclohexane	7.973	56	9549	1.314	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	125391	43.268	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125391	99.500	ug/l #	7

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

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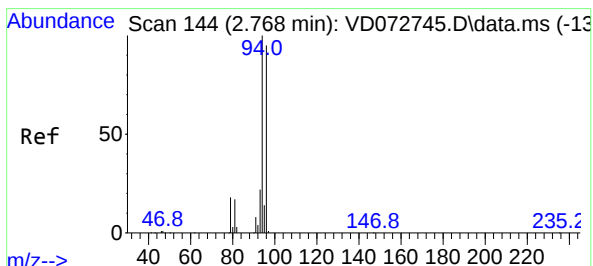
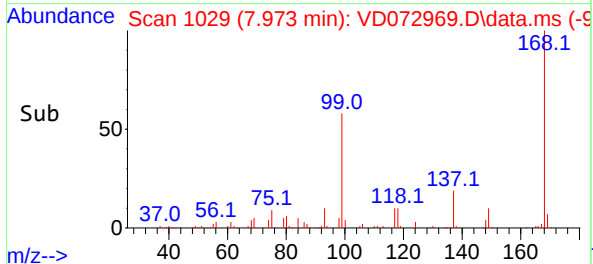
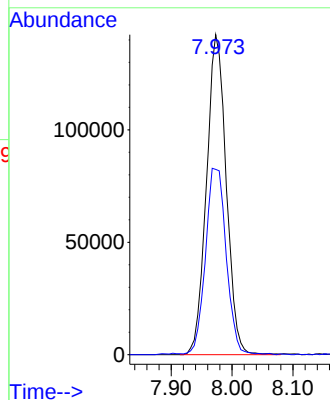
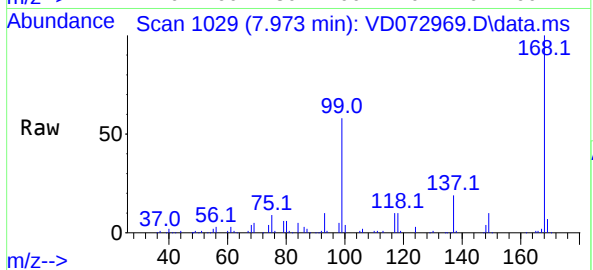




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

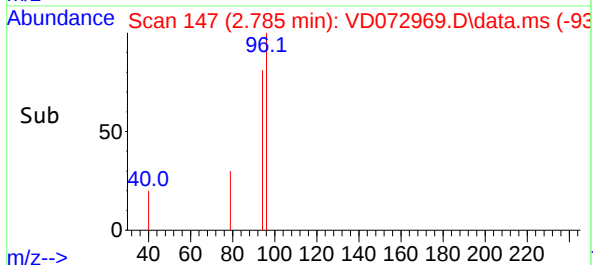
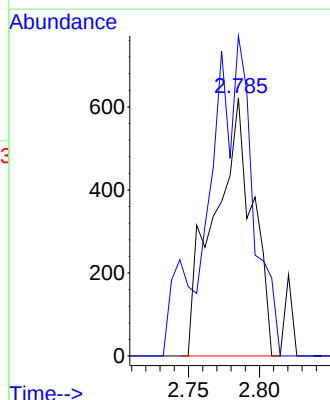
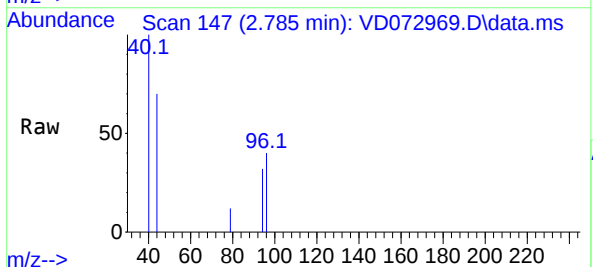
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

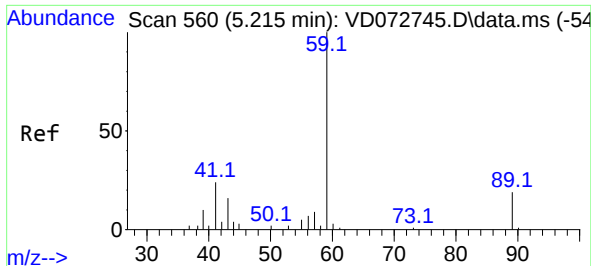
Tgt Ion:168 Resp: 320366
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Tgt Ion: 94 Resp: 1166
Ion Ratio Lower Upper
94 100
96 124.0 77.6 116.4#

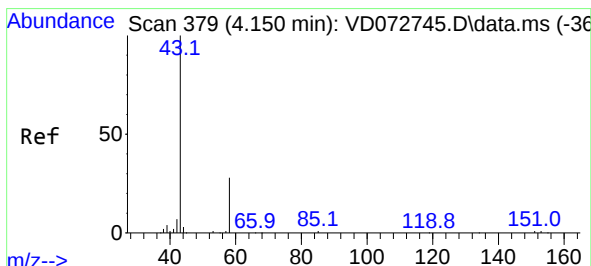
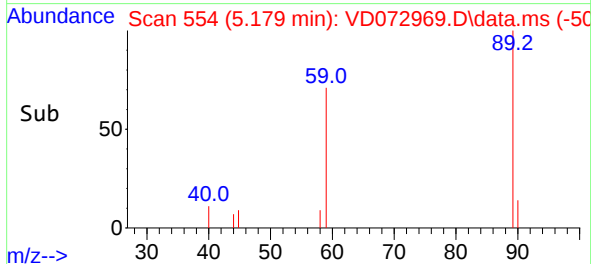
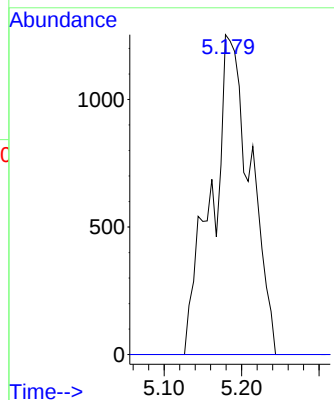
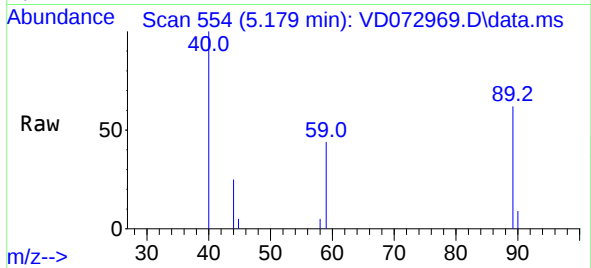




#11
Tert butyl alcohol
Concen: 12.123 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

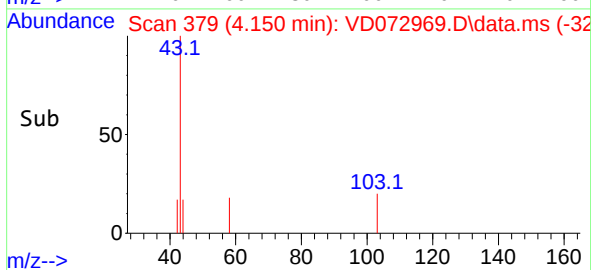
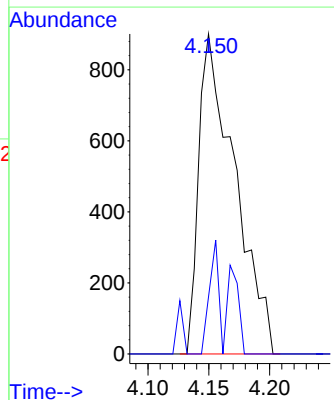
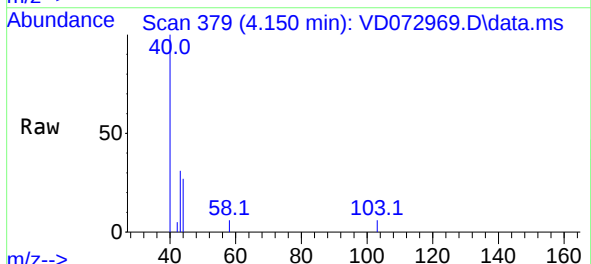
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

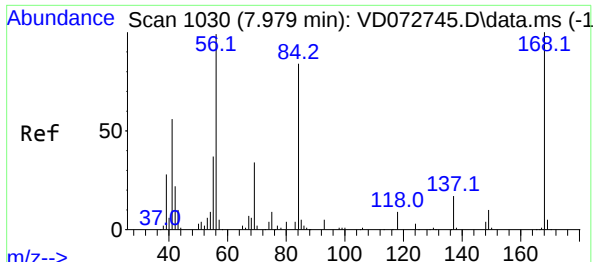
Tgt Ion: 59 Resp: 4362
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

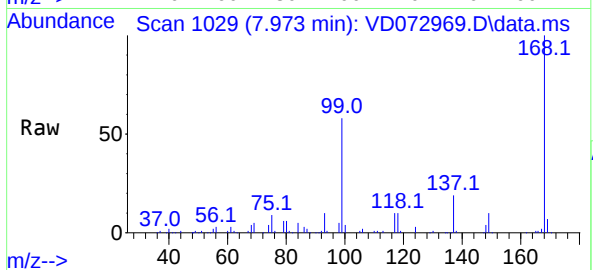
Tgt Ion: 43 Resp: 1852
Ion Ratio Lower Upper
43 100
58 17.9 22.1 33.1#



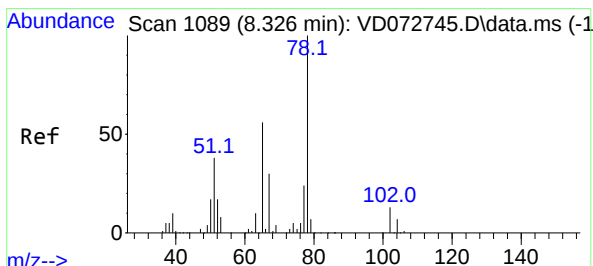
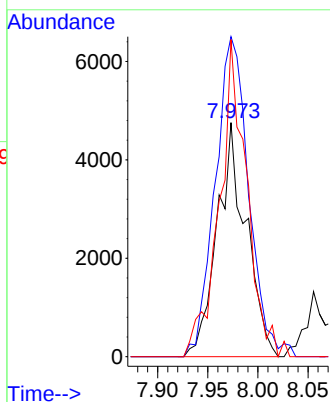
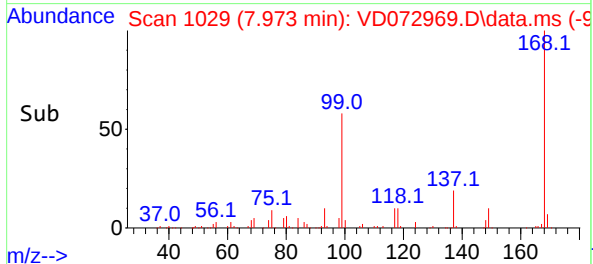


#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

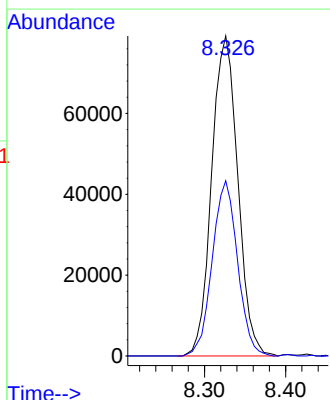
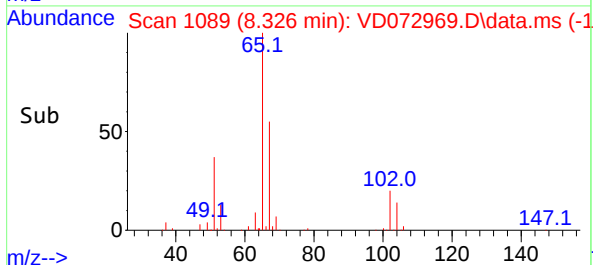
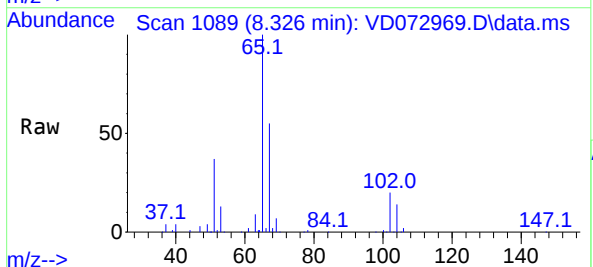


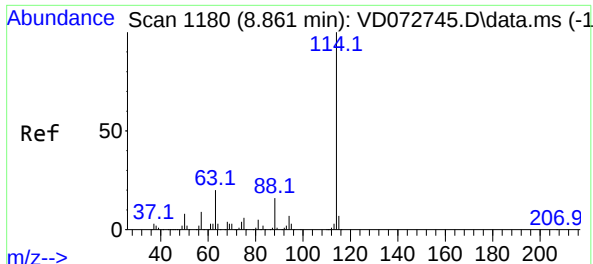
Tgt Ion: 56 Resp: 9549
Ion Ratio Lower Upper
56 100
69 136.7 25.4 38.2#
84 135.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.575 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Tgt Ion: 65 Resp: 177053
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4



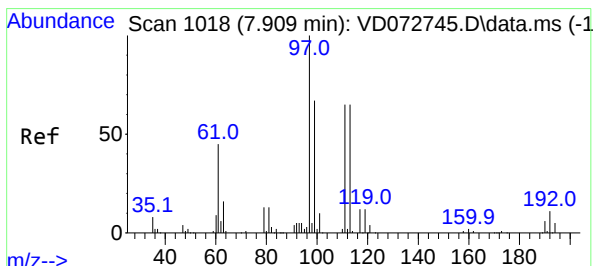
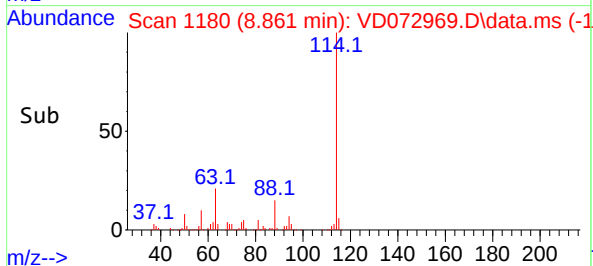
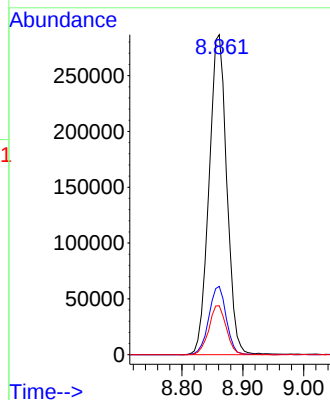
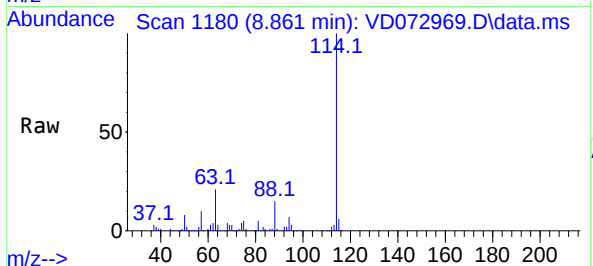


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

Tgt Ion:114 Resp: 579727

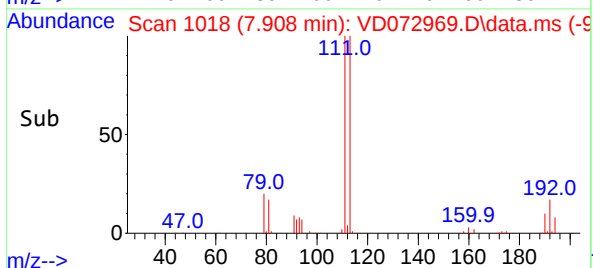
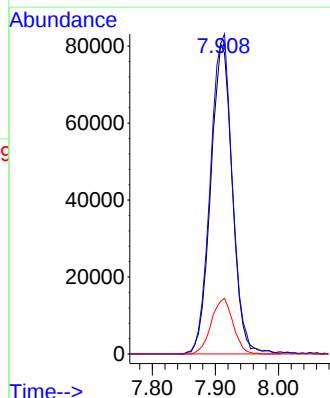
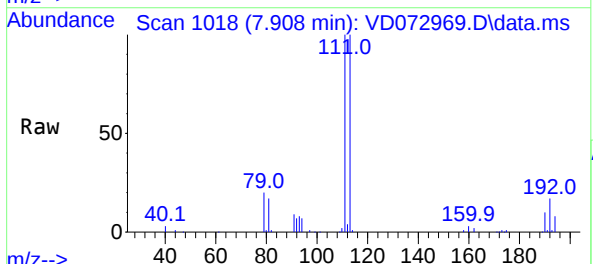
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	46.6
88	15.3	0.0	33.2

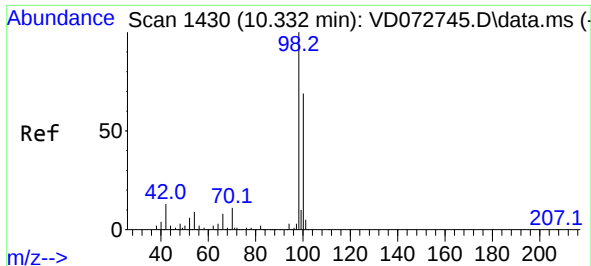


#35
Dibromofluoromethane
Concen: 46.998 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Tgt Ion:113 Resp: 191351

Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.8	125.6
192	18.0	14.6	21.8

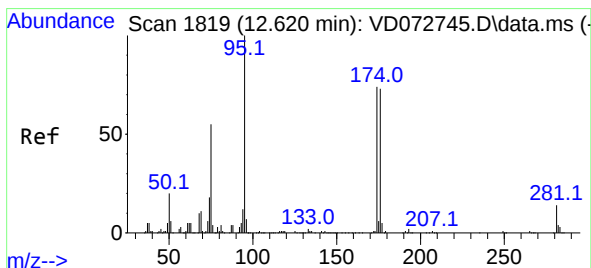
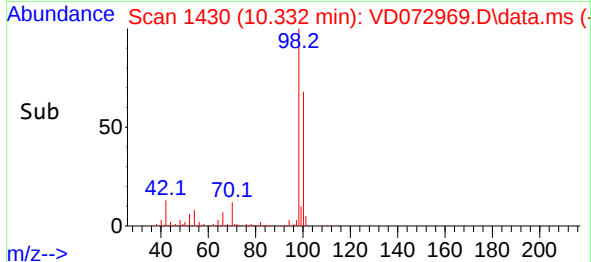
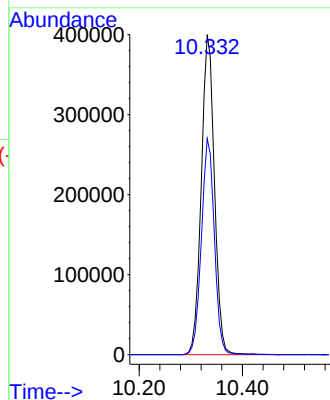
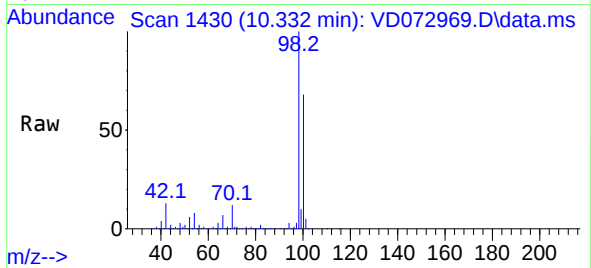




#50
Toluene-d8
Concen: 48.360 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

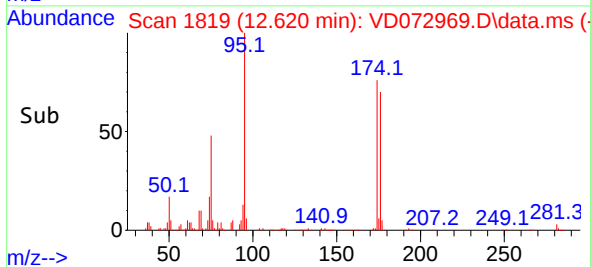
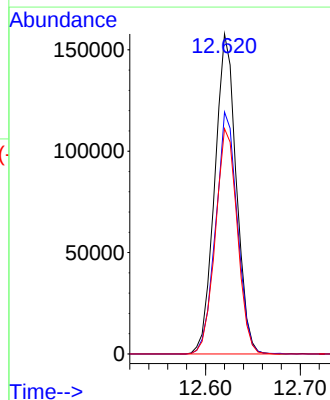
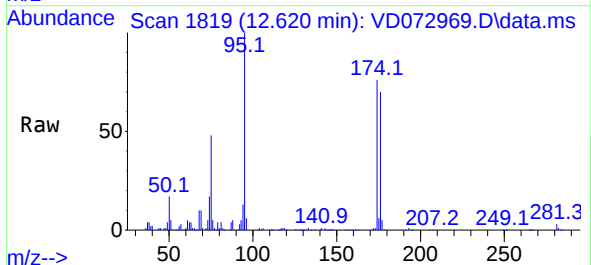
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

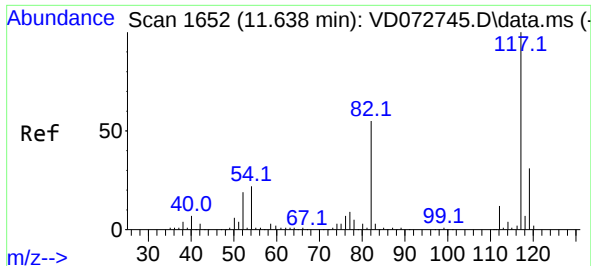
Tgt Ion: 98 Resp: 706284
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.863 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Tgt Ion: 95 Resp: 249760
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 71.5 0.0 145.4

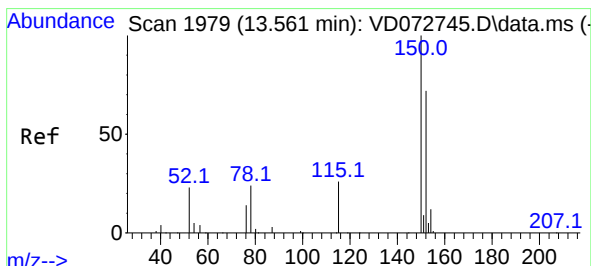
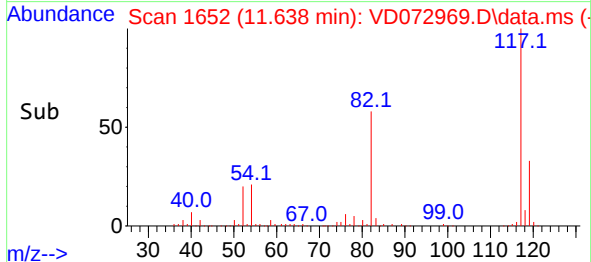
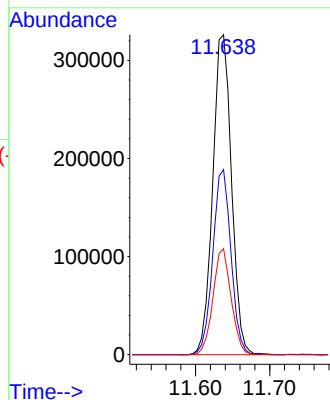
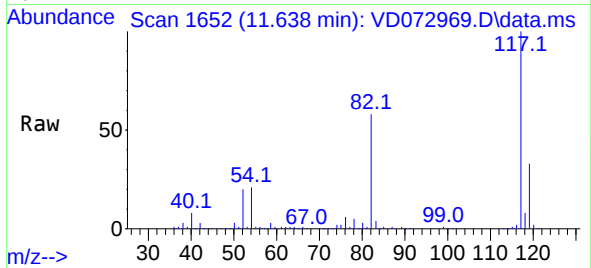




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

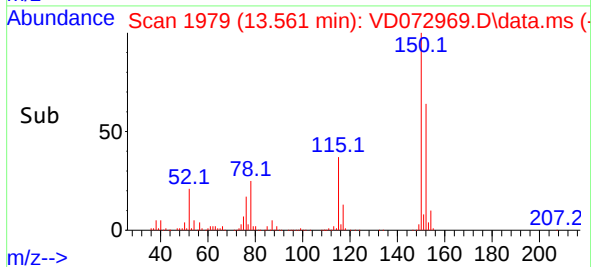
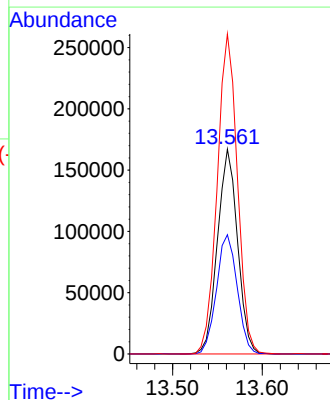
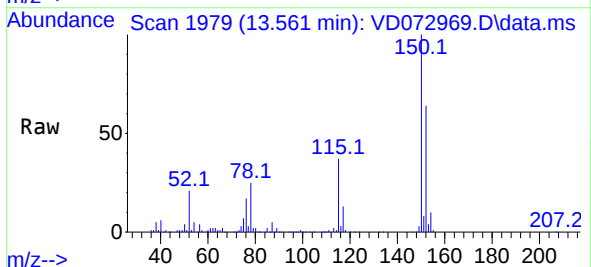
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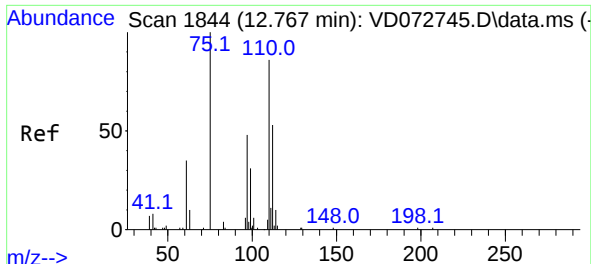
Tgt Ion:117 Resp: 573254
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 33.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Tgt Ion:152 Resp: 259893
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 156.6 0.0 348.6

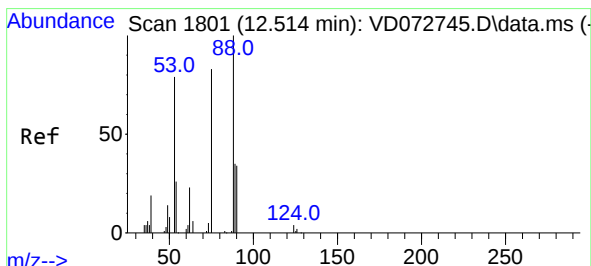
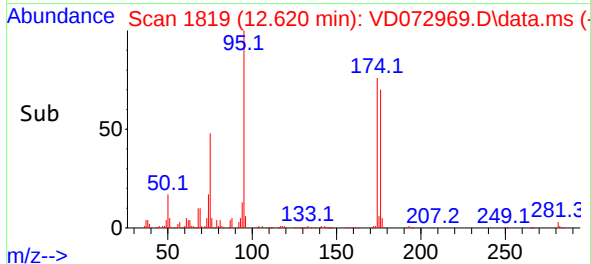
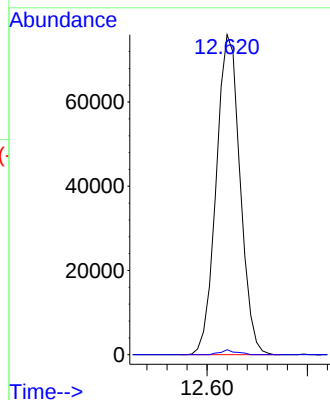
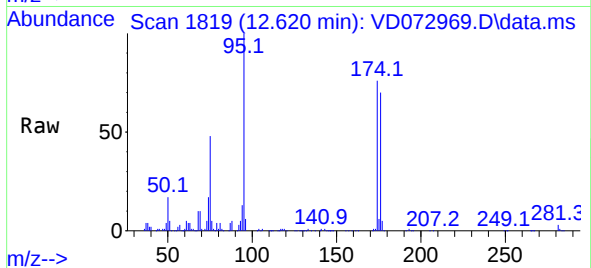




#76
1,2,3-Trichloropropane
Concen: 43.268 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBL02

Tgt Ion: 75 Resp: 125391
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.500 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072969.D
Acq: 13 May 2022 02:28

Tgt Ion: 75 Resp: 125391
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

