

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072952.D
 Acq On : 12 May 2022 17:21
 Operator : VA/SY
 Sample : N2782-03
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 13 05:56:27 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

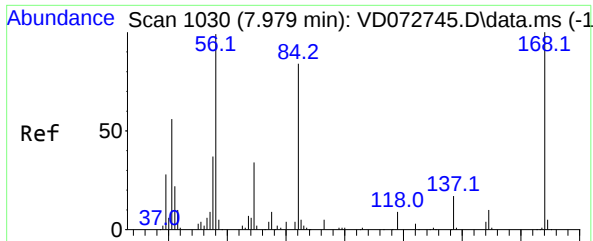
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	328735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	571854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	255089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178338	41.792	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.580%		
35) Dibromofluoromethane	7.908	113	189444	46.538	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.080%		
50) Toluene-d8	10.332	98	708564	48.525	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.040%		
62) 4-Bromofluorobenzene	12.620	95	252136	46.308	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.620%		
Target Compounds						
5) Bromomethane	2.779	94	1021	Below Cal		87
11) Tert butyl alcohol	5.179	59	9762	26.441 ug/l #		74
16) Acetone	4.161	43	4776	Below Cal #		60
18) Methyl Acetate	4.708	43	74	Below Cal #		55
20) Methylene Chloride	4.973	84	16085	Below Cal #		81
25) 2-Butanone	7.179	43	2189	1.761 ug/l #		52
31) Cyclohexane	7.979	56	8237	1.104 ug/l #		1
36) 1,1-Dichloropropene	7.973	75	27697	4.184 ug/l #		52
38) Carbon Tetrachloride	7.973	117	35018	5.096 ug/l #		17
76) 1,2,3-Trichloropropane	12.620	75	130043	45.719 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	130043	105.135 ug/l #		7

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

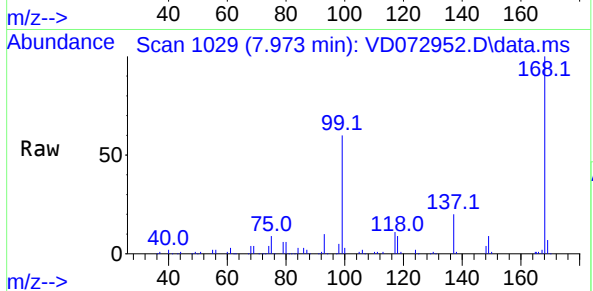
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



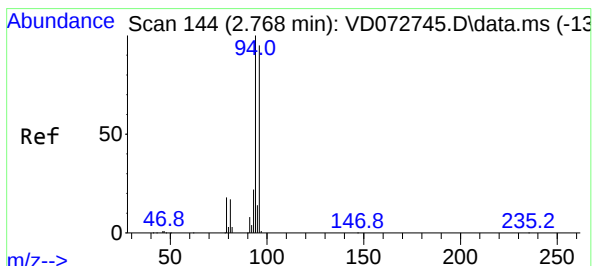
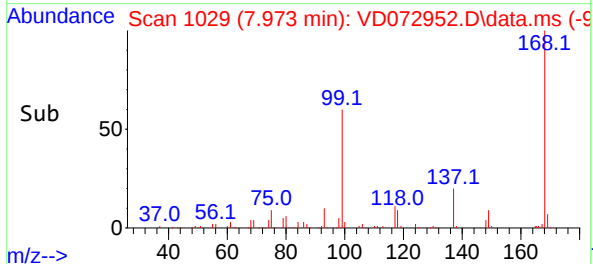
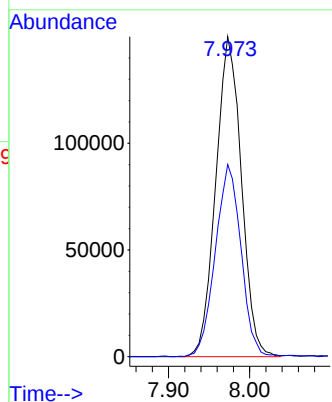


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :

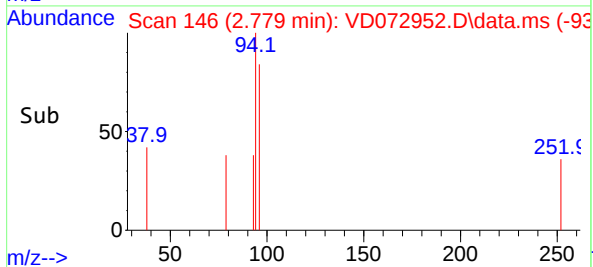
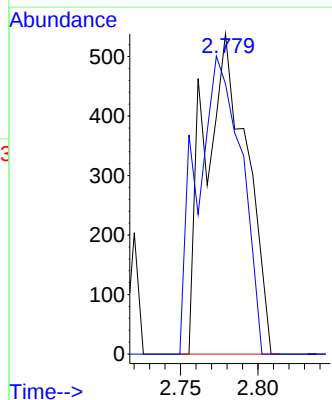
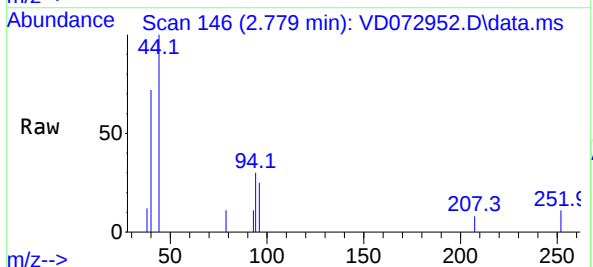


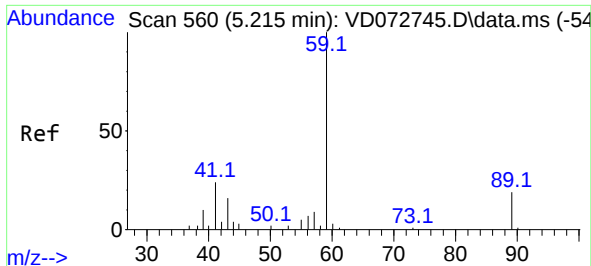
Tgt Ion:168 Resp: 328735
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

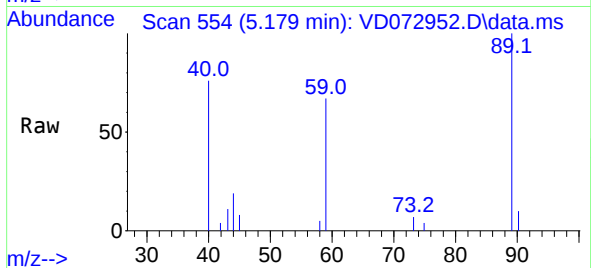
Tgt Ion: 94 Resp: 1021
Ion Ratio Lower Upper
94 100
96 84.4 77.6 116.4



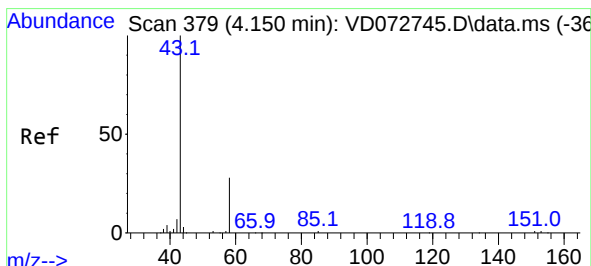
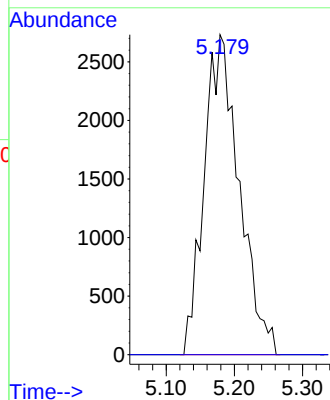
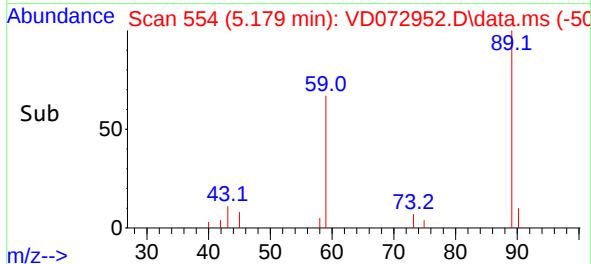


#11
Tert butyl alcohol
Concen: 26.441 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

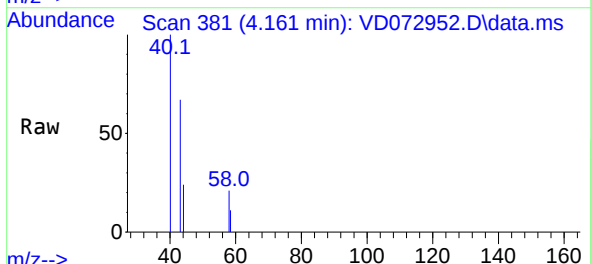
Instrument :
MSVOA_D
ClientSampleId :



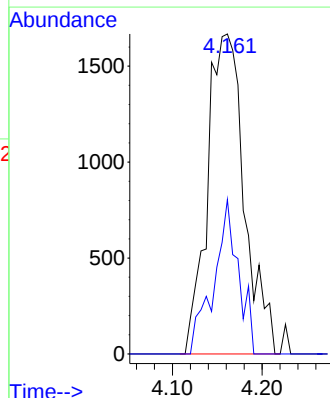
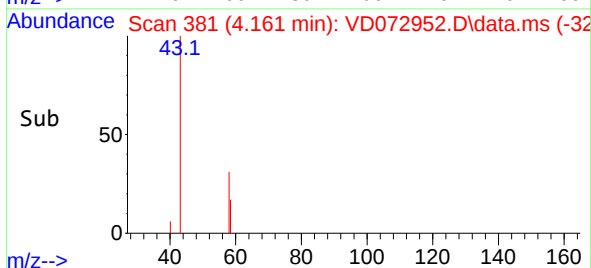
Tgt Ion: 59 Resp: 9762
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

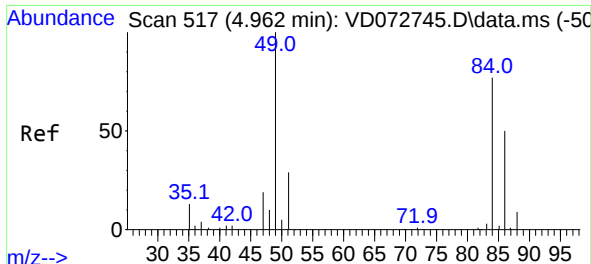


#16
Acetone
Concen: Below Cal
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21



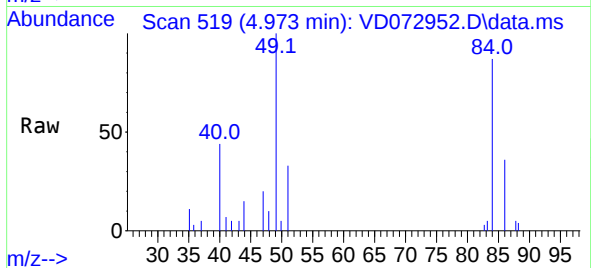
Tgt Ion: 43 Resp: 4776
Ion Ratio Lower Upper
43 100
58 48.3 22.1 33.1#





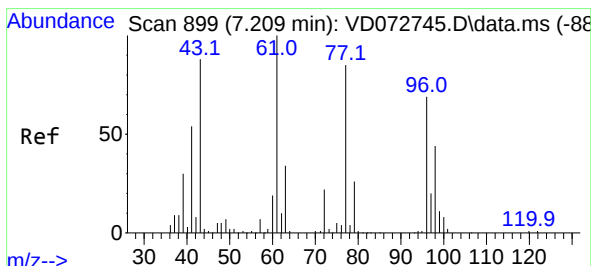
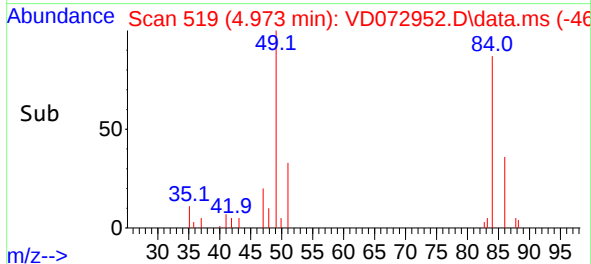
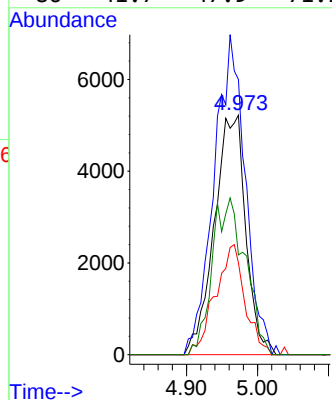
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 16085

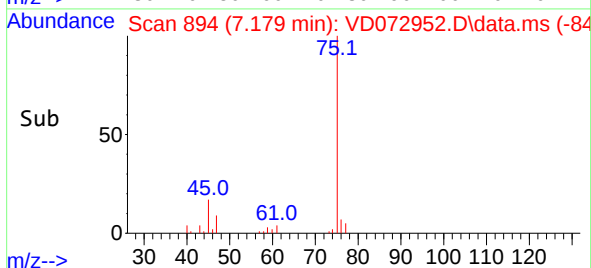
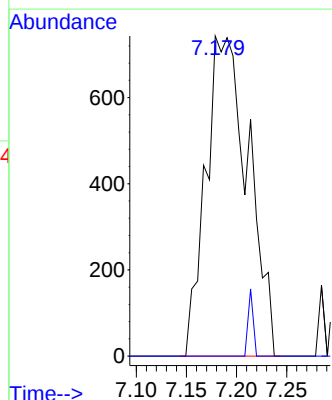
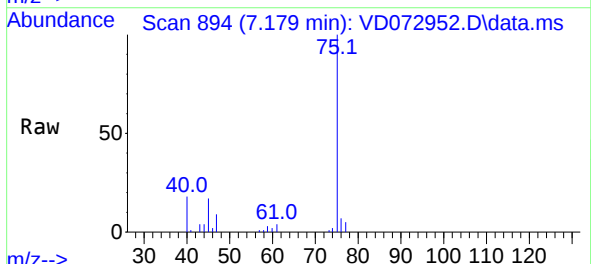
Ion	Ratio	Lower	Upper
84	100		
49	114.9	112.8	169.2
51	38.4	32.6	48.8
86	41.7	47.9	71.9#

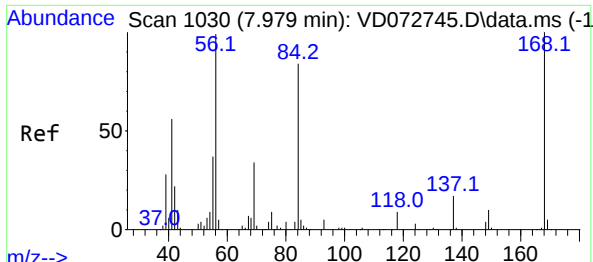


#25
2-Butanone
Concen: 1.761 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.030 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion: 43 Resp: 2189

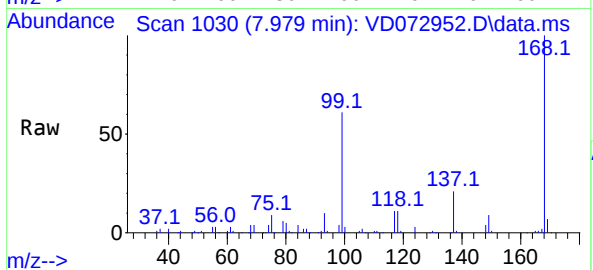
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



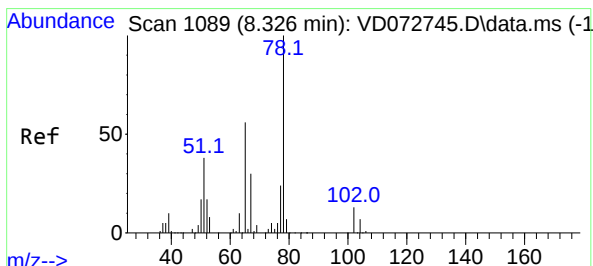
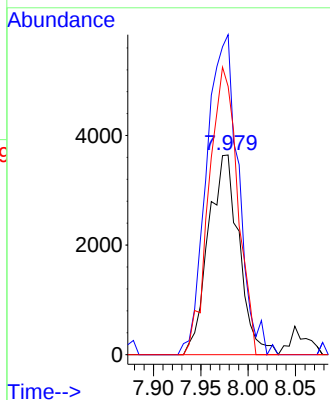
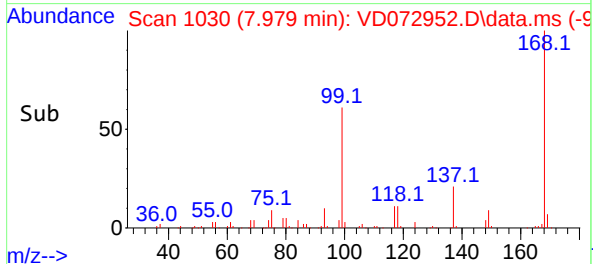


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :

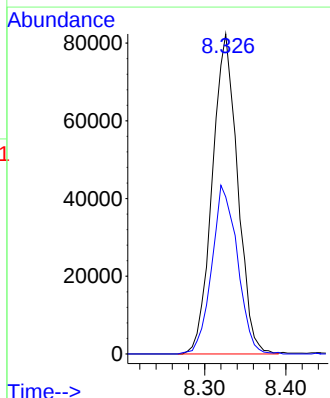
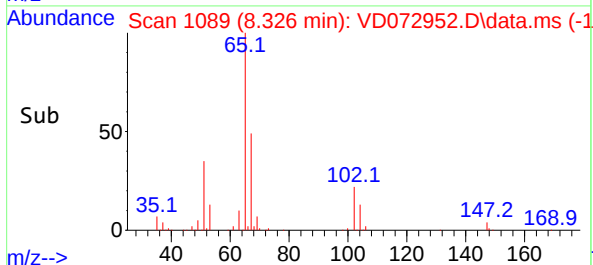
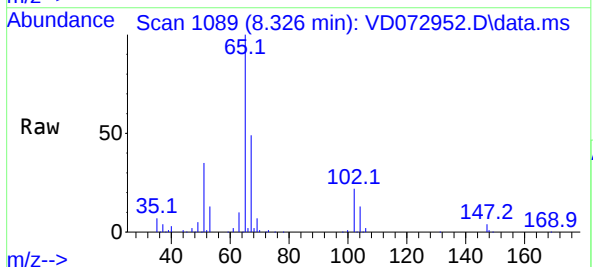


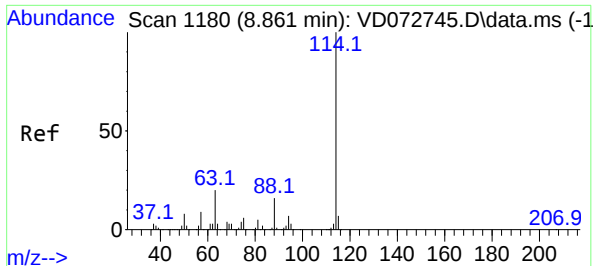
Tgt Ion: 56 Resp: 8237
Ion Ratio Lower Upper
56 100
69 160.3 25.4 38.2#
84 134.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 41.792 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion: 65 Resp: 178338
Ion Ratio Lower Upper
65 100
67 53.4 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

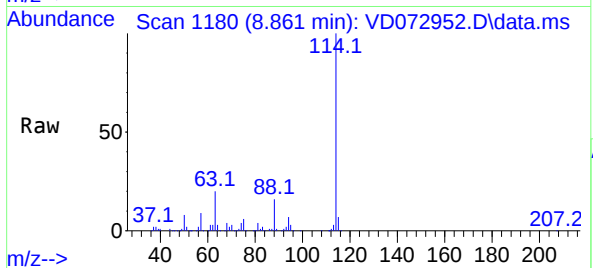
Lab File: VD072952.D

Acq: 12 May 2022 17:21

Instrument :

MSVOA_D

ClientSampleId :



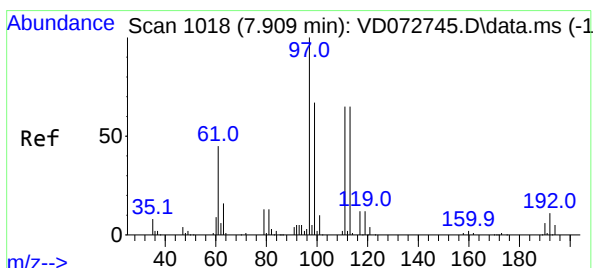
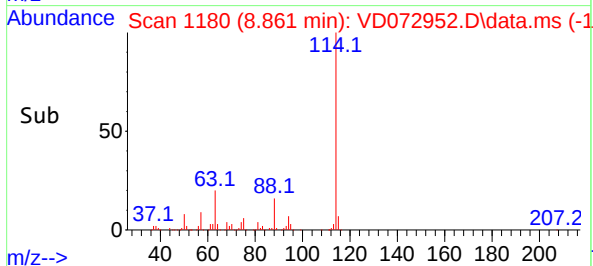
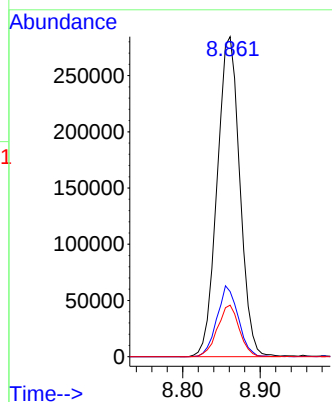
Tgt Ion:114 Resp: 579620

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.538 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072952.D

Acq: 12 May 2022 17:21

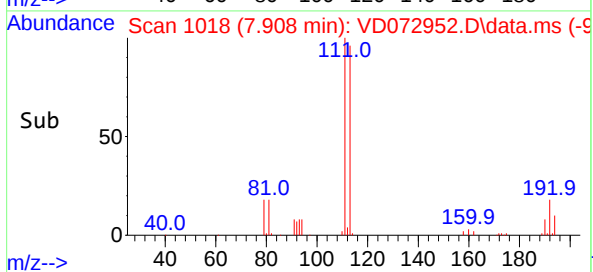
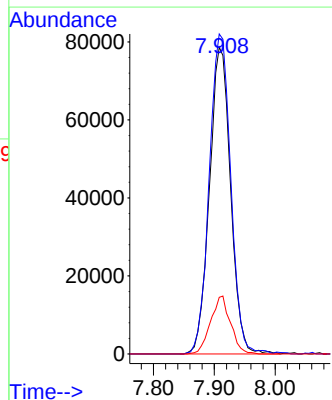
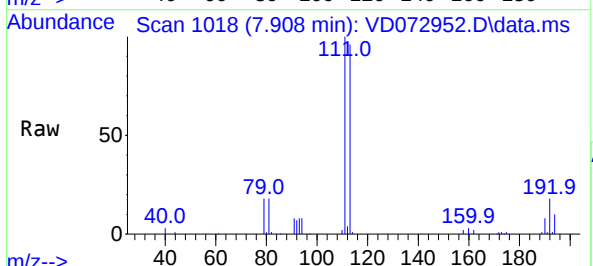
Tgt Ion:113 Resp: 189444

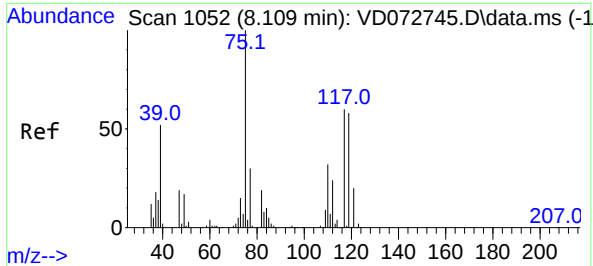
Ion Ratio Lower Upper

113 100

111 105.8 83.8 125.6

192 17.8 14.6 21.8

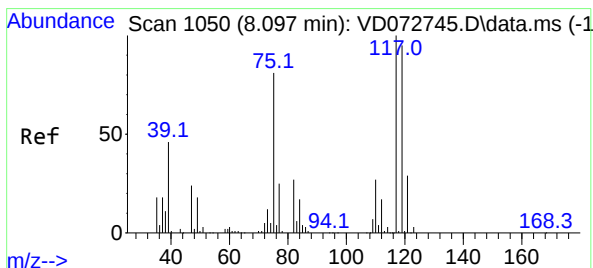
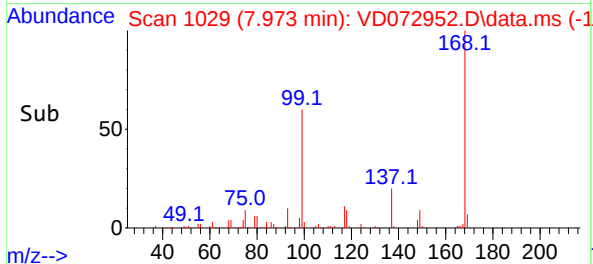
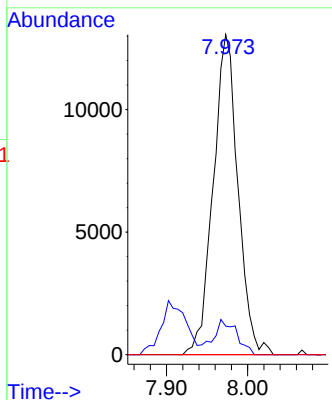
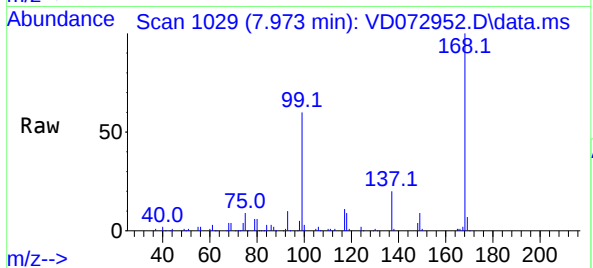




#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

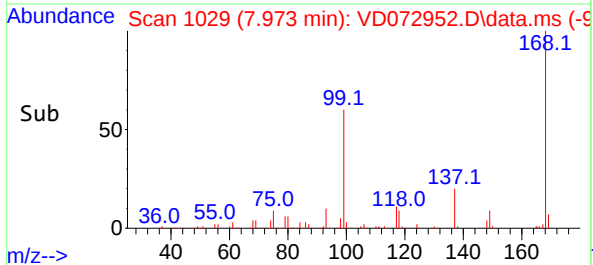
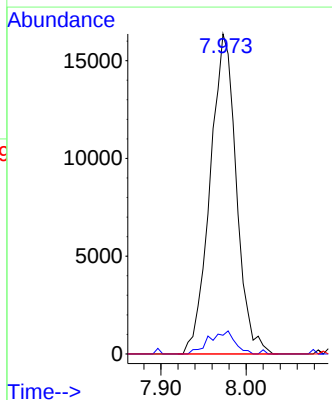
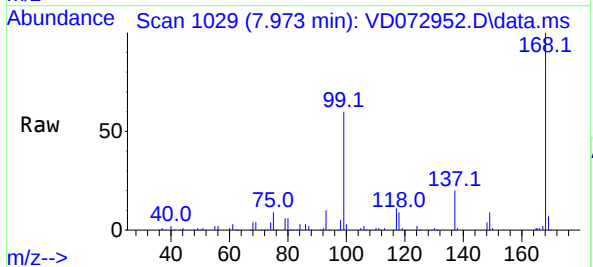
Instrument :
MSVOA_D
ClientSampleId :

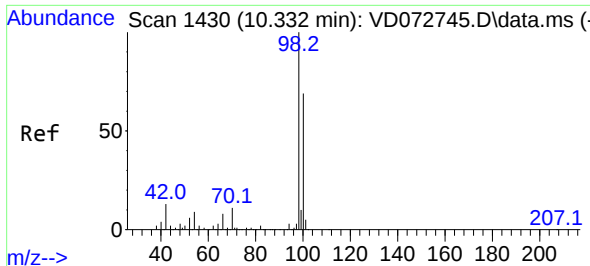
Tgt Ion: 75 Resp: 27697
Ion Ratio Lower Upper
75 100
110 10.0 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.096 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion: 117 Resp: 35018
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.5 36.7#

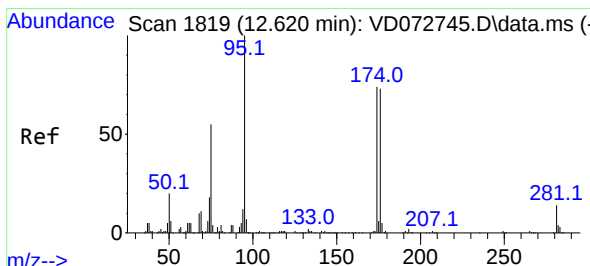
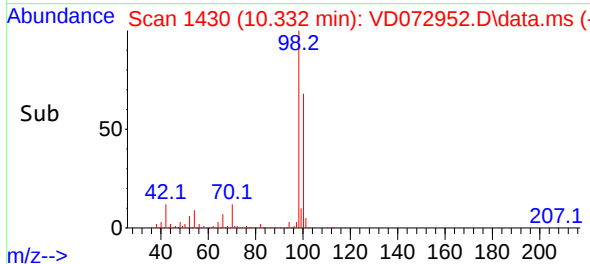
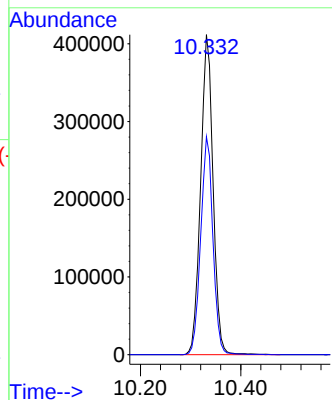
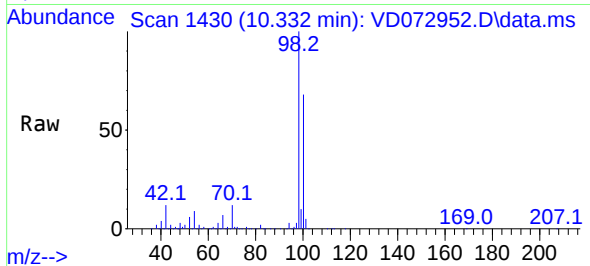




#50
Toluene-d8
Concen: 48.525 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

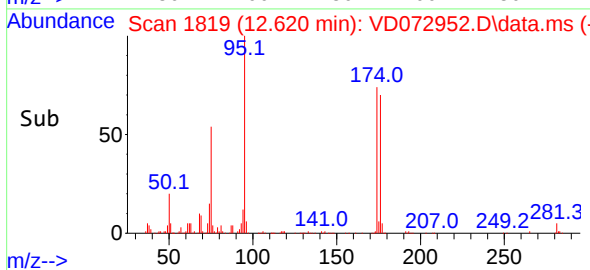
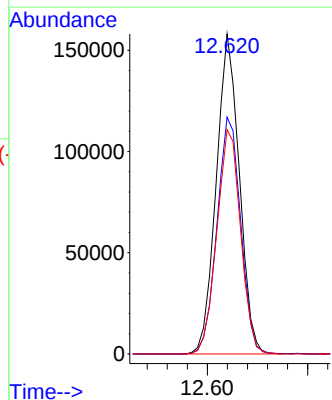
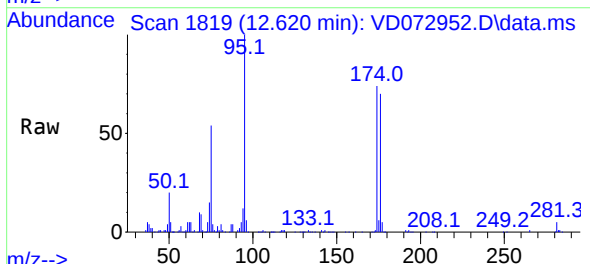
Instrument :
MSVOA_D
ClientSampleId :

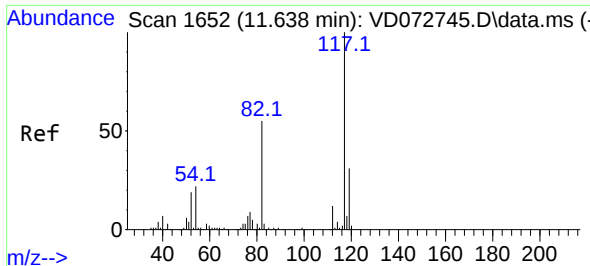
Tgt Ion: 98 Resp: 708564
Ion Ratio Lower Upper
98 100
100 67.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.308 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

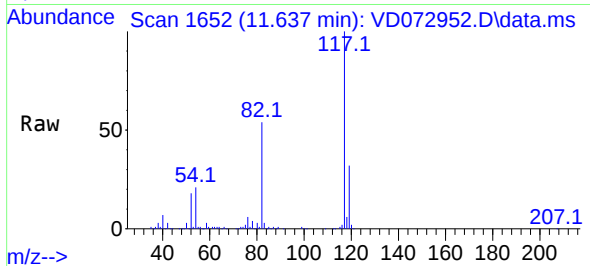
Tgt Ion: 95 Resp: 252136
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 72.1 0.0 145.4



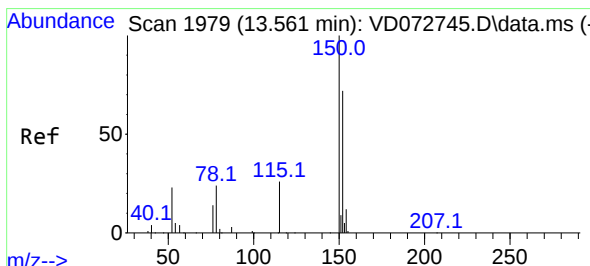
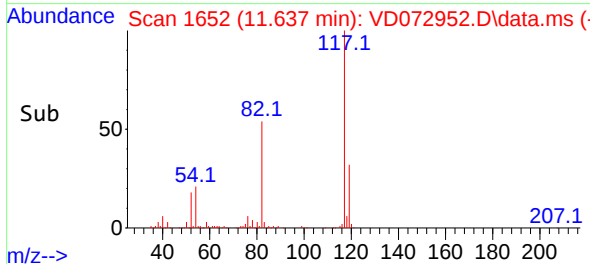
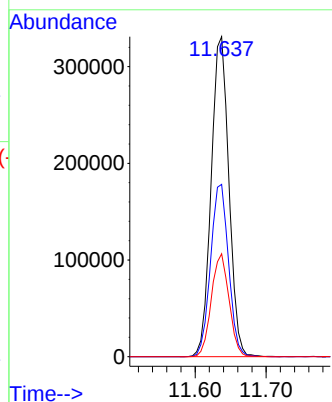


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :

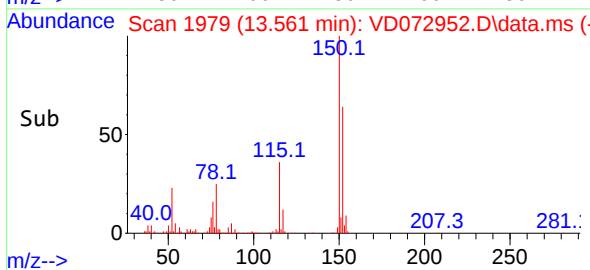
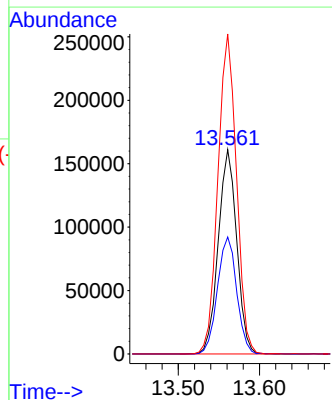
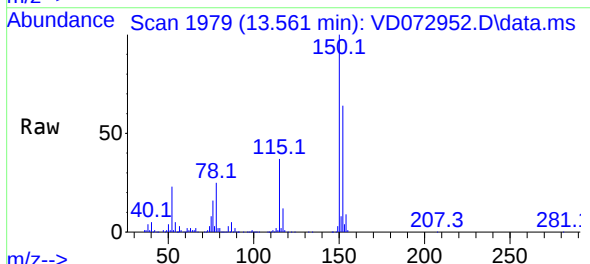


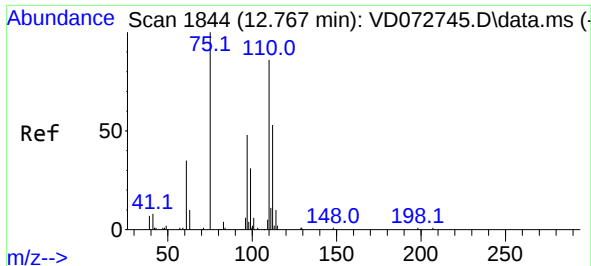
Tgt Ion:117 Resp: 571854
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion:152 Resp: 255089
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 156.9 0.0 348.6

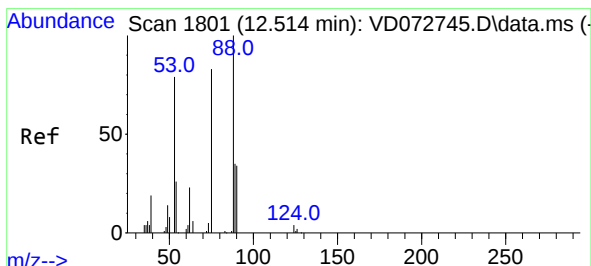
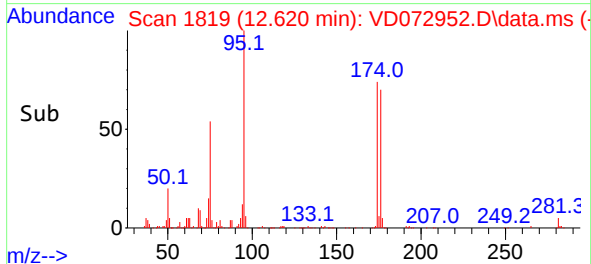
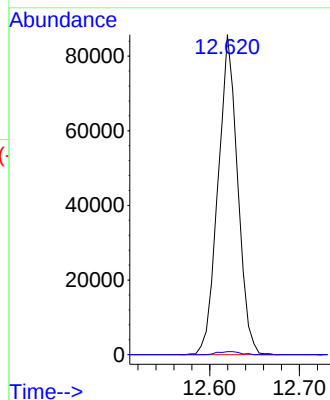
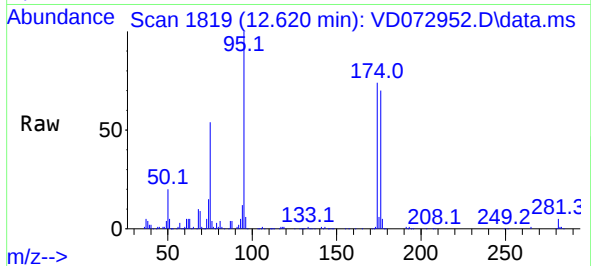




#76
1,2,3-Trichloropropane
Concen: 45.719 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 130043
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.135 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072952.D
Acq: 12 May 2022 17:21

Tgt Ion: 75 Resp: 130043
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

