

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072508.D
 Acq On : 01 Apr 2022 17:47
 Operator : VA/SY
 Sample : N2217-09
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8

Quant Time: Apr 02 02:39:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

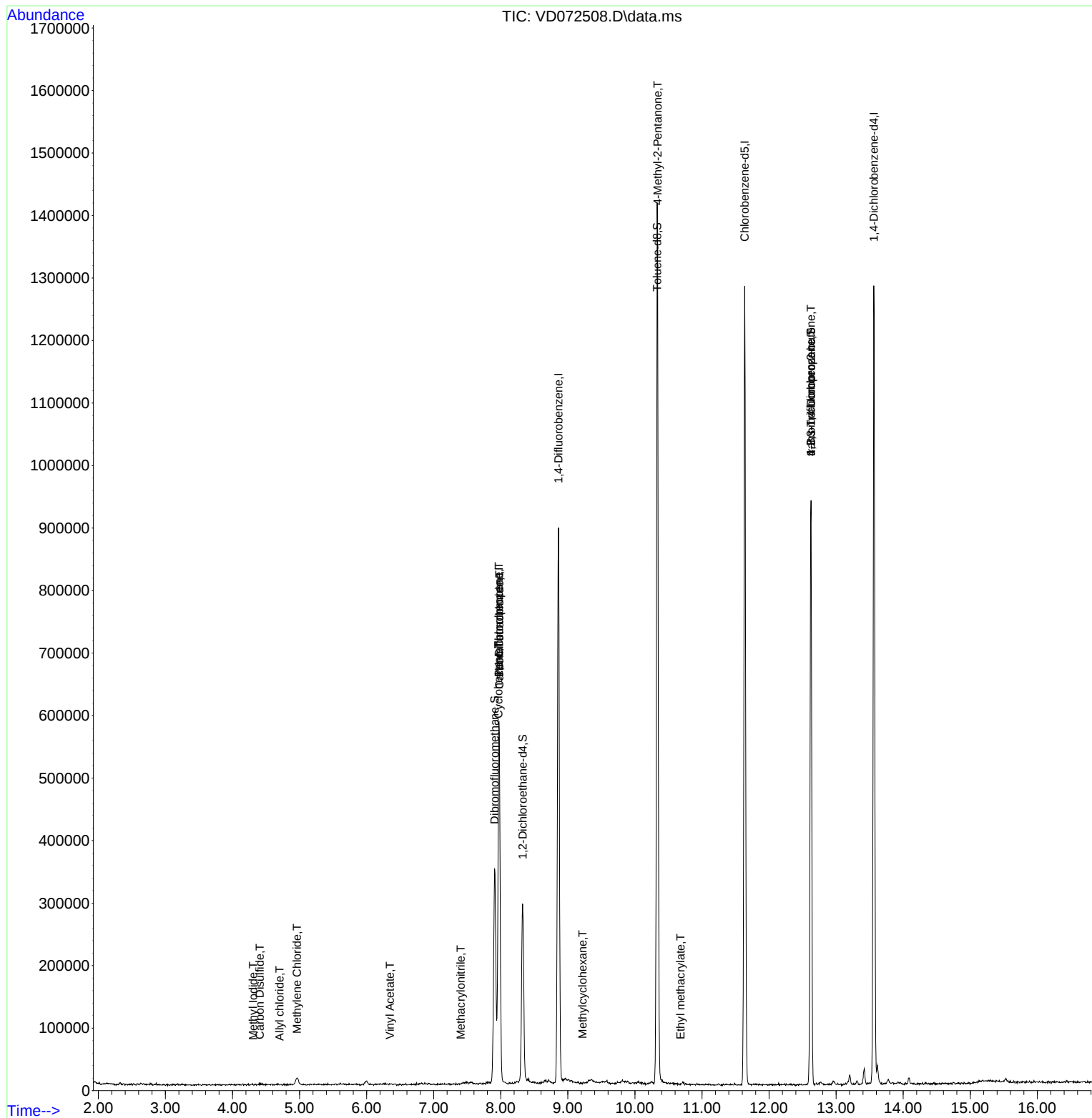
Internal Standards						
1) Pentafluorobenzene	7.973	168	419505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	772806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	738987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	339502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231732	45.664	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.320%		
35) Dibromofluoromethane	7.908	113	248764	41.421	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.840%		
50) Toluene-d8	10.332	98	941298	45.089	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.180%		
62) 4-Bromofluorobenzene	12.626	95	320786	39.345	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.680%		
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	619	3.859	ug/l #	77
14) Allyl chloride	4.703	41	99	1.141	ug/l #	22
17) Carbon Disulfide	4.409	76	2529	3.913	ug/l #	74
20) Methylene Chloride	4.962	84	8815	1.565	ug/l #	55
23) Vinyl Acetate	6.350	43	58	6.296	ug/l #	75
31) Cyclohexane	7.967	56	9121	1.375	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	35044	5.587	ug/l #	51
38) Carbon Tetrachloride	7.979	117	44454	5.373	ug/l #	16
39) Methylcyclohexane	9.220	83	59	2.883	ug/l #	17
41) Methacrylonitrile	7.403	41	72	1.696	ug/l #	27
51) 4-Methyl-2-Pentanone	10.338	43	3985	1.217	ug/l #	1
56) Ethyl methacrylate	10.679	69	780	1.324	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	164819	44.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	164819	109.223	ug/l #	7

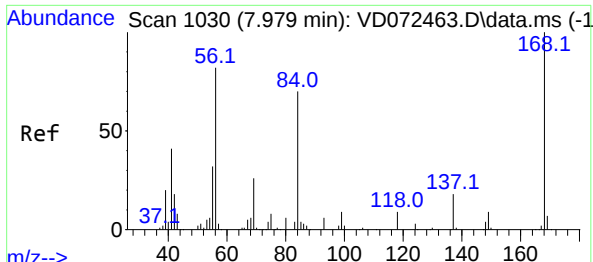
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
Data File : VD072508.D
Acq On : 01 Apr 2022 17:47
Operator : VA/SY
Sample : N2217-09
Misc : 5.45G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-8

Quant Time: Apr 02 02:39:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 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: VD072508.D

Acq: 01 Apr 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

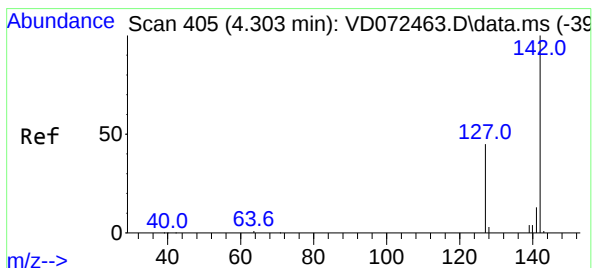
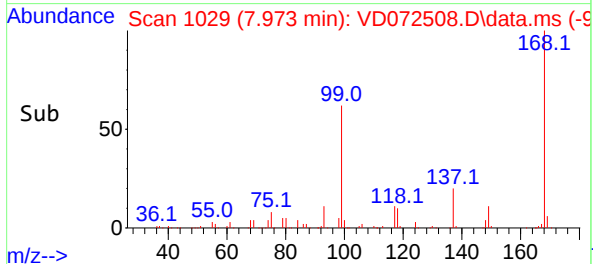
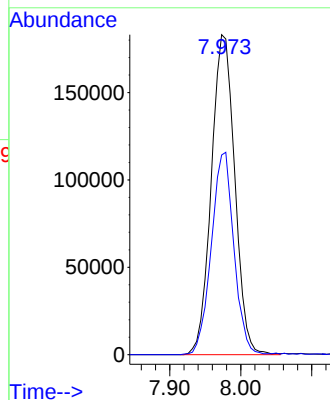
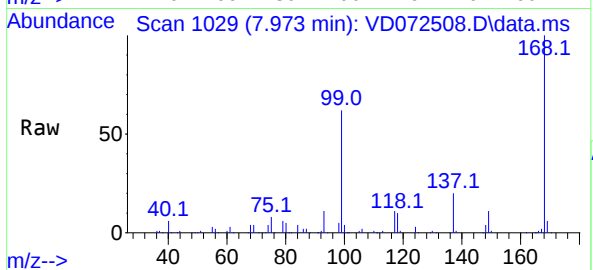
SB-8

Tgt Ion:168 Resp: 419505

Ion Ratio Lower Upper

168 100

99 62.4 49.8 74.6



#10

Methyl Iodide

Concen: 3.859 ug/l

RT: 4.309 min Scan# 406

Delta R.T. 0.006 min

Lab File: VD072508.D

Acq: 01 Apr 2022 17:47

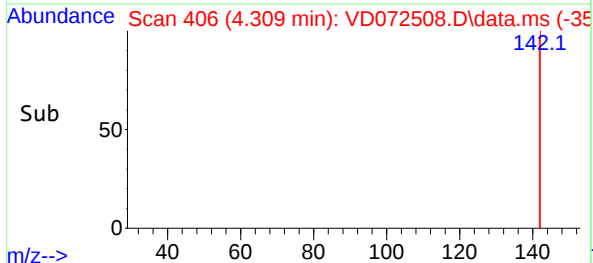
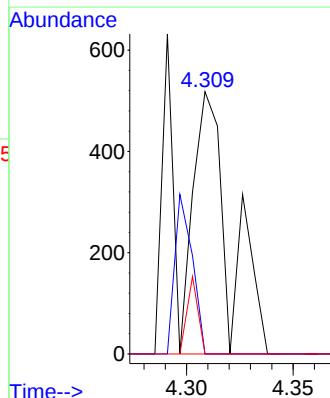
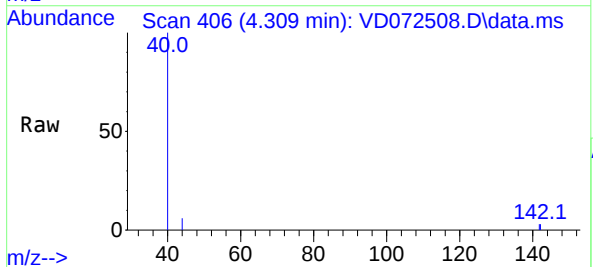
Tgt Ion:142 Resp: 619

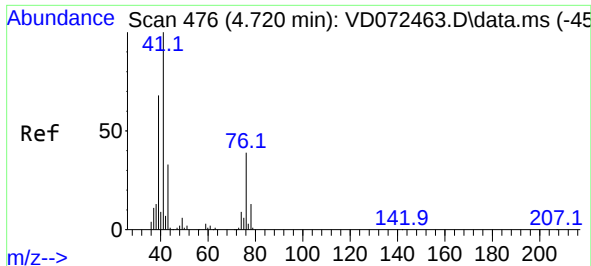
Ion Ratio Lower Upper

142 100

127 29.1 37.3 55.9#

141 8.7 11.7 17.5#

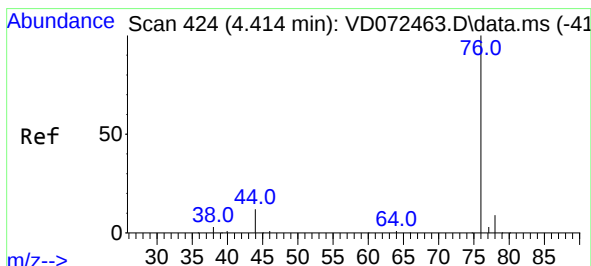
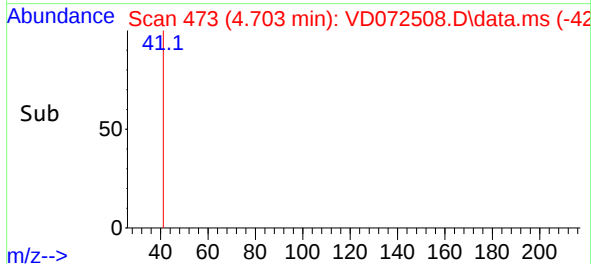
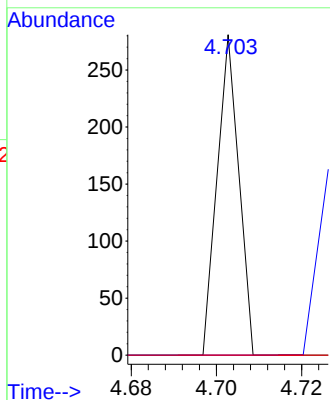
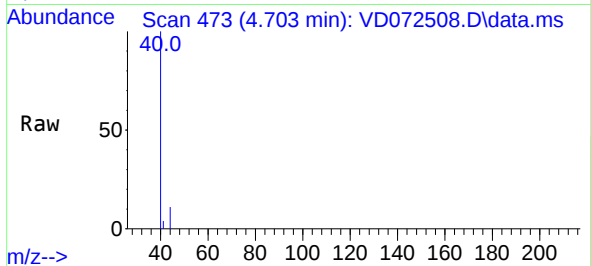




#14
 Allyl chloride
 Concen: 1.141 ug/l
 RT: 4.703 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: VD072508.D
 Acq: 01 Apr 2022 17:47

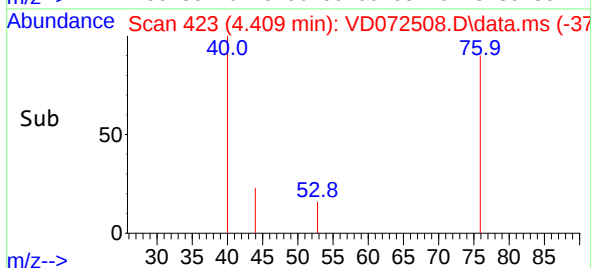
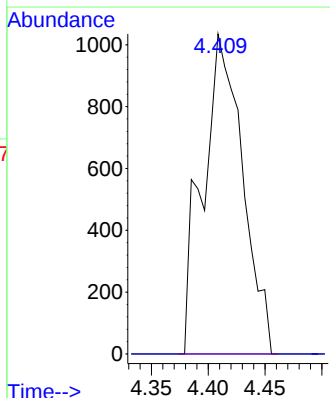
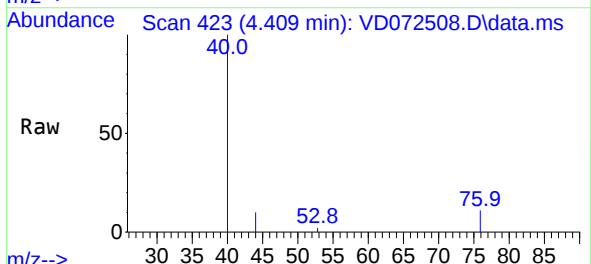
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8

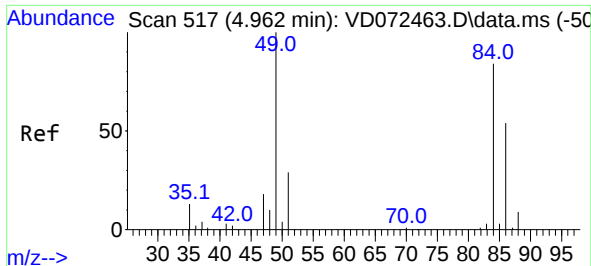
Tgt Ion: 41 Resp: 99
 Ion Ratio Lower Upper
 41 100
 39 0.0 59.3 88.9#
 76 0.0 25.7 38.5#



#17
 Carbon Disulfide
 Concen: 3.913 ug/l
 RT: 4.409 min Scan# 423
 Delta R.T. -0.005 min
 Lab File: VD072508.D
 Acq: 01 Apr 2022 17:47

Tgt Ion: 76 Resp: 2529
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.5 11.3#

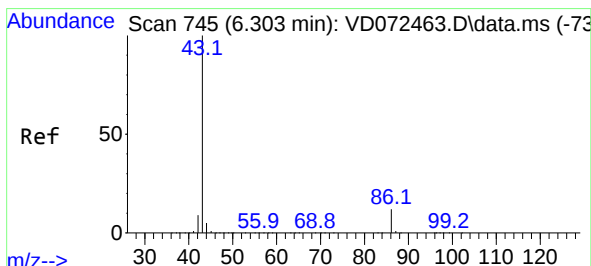
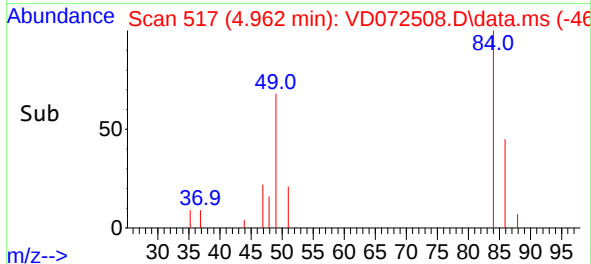
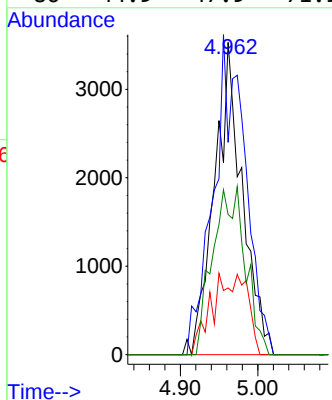
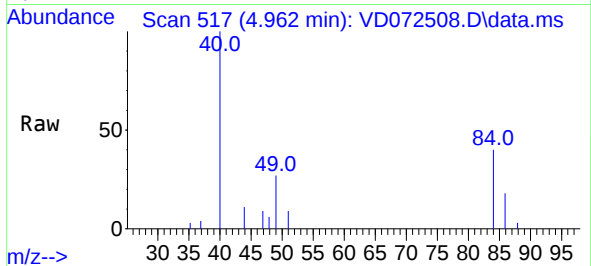




#20
Methylene Chloride
Concen: 1.565 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

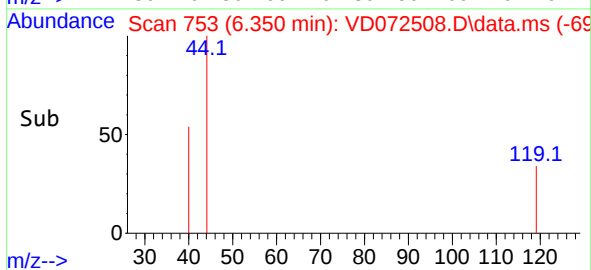
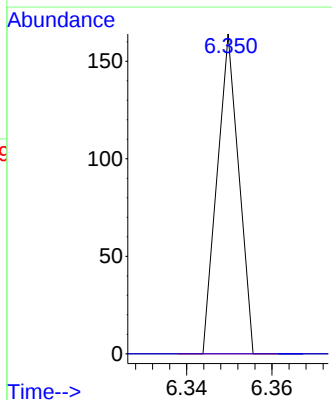
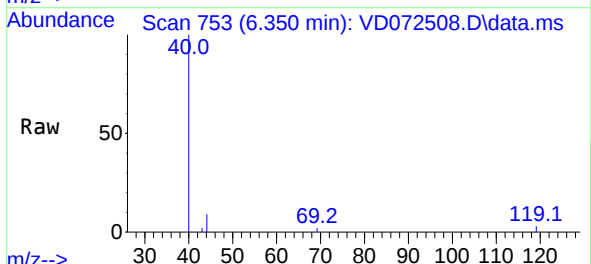
Instrument :
MSVOA_D
ClientSampleId :
SB-8

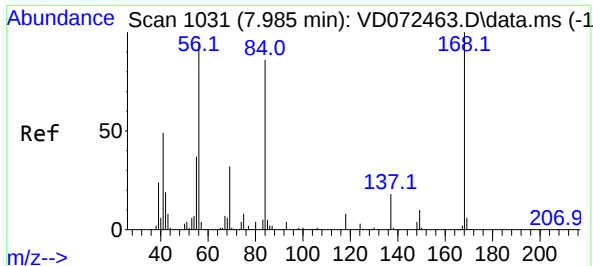
Tgt Ion: 84	Resp: 8815
Ion Ratio	Lower Upper
84 100	
49 68.0	112.8 169.2#
51 21.4	32.6 48.8#
86 44.9	47.9 71.9#



#23
Vinyl Acetate
Concen: 6.296 ug/l
RT: 6.350 min Scan# 753
Delta R.T. 0.047 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Tgt Ion: 43	Resp: 58		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	7.1	10.7#	

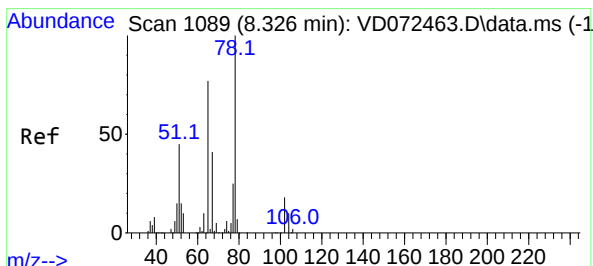
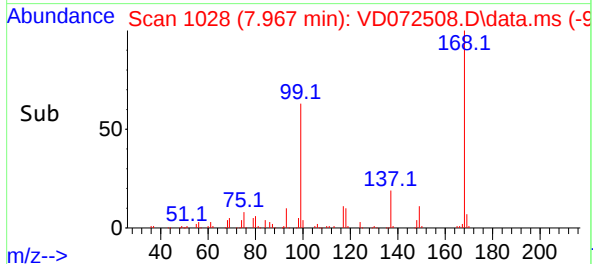
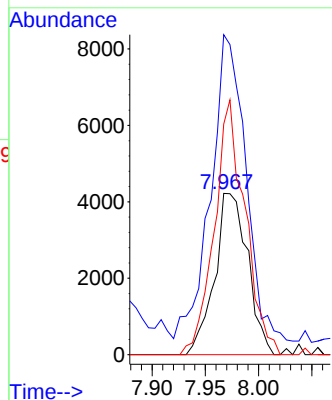
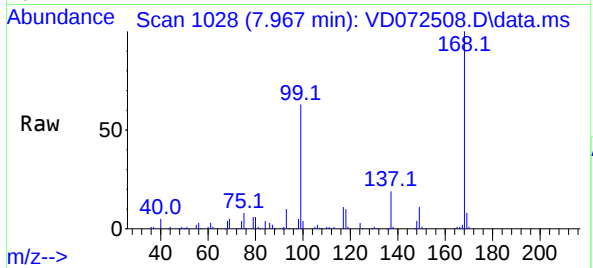




#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

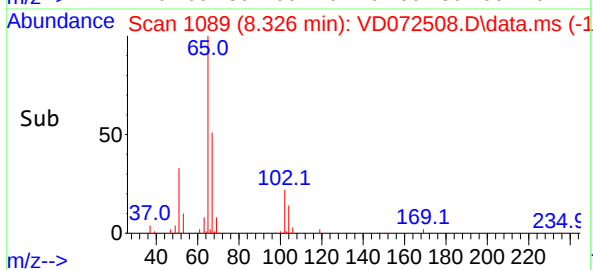
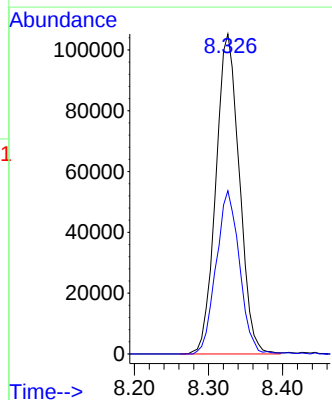
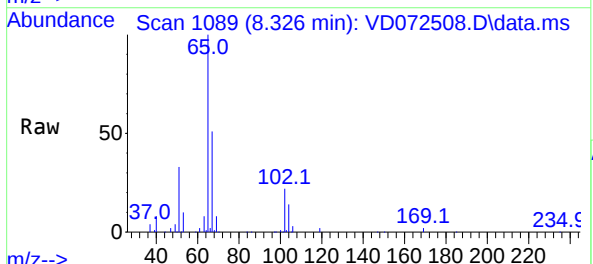
Instrument :
MSVOA_D
ClientSampleId :
SB-8

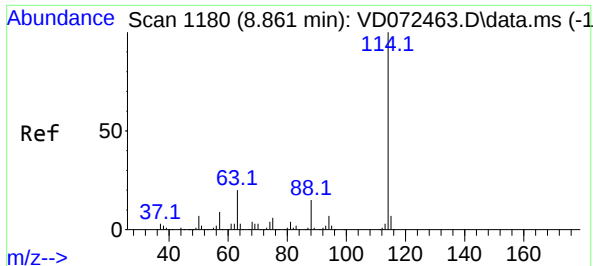
Tgt Ion: 56 Resp: 9121
Ion Ratio Lower Upper
56 100
69 184.9 25.4 38.2#
84 143.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 45.664 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Tgt Ion: 65 Resp: 231732
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.4



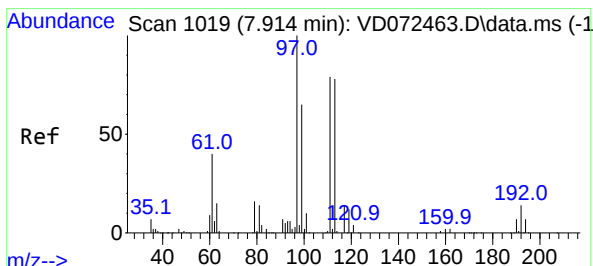
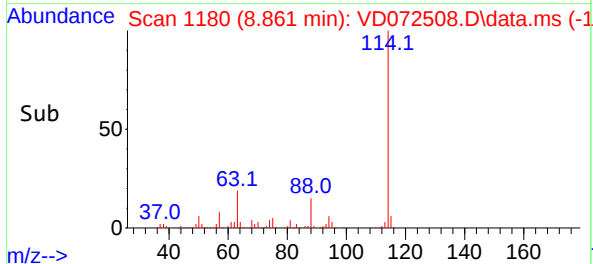
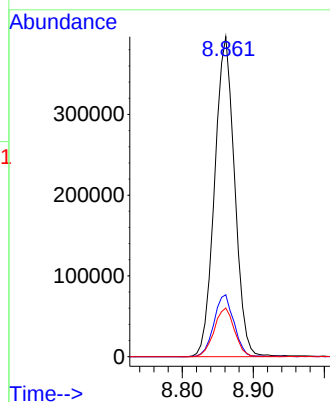
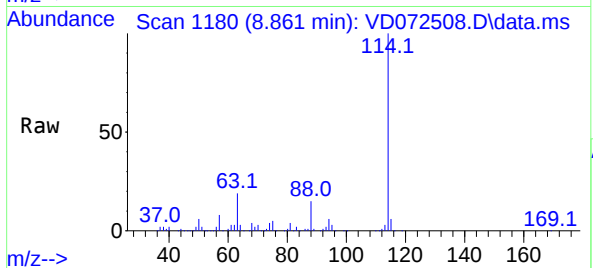


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
SB-8

Tgt Ion:114 Resp: 772806

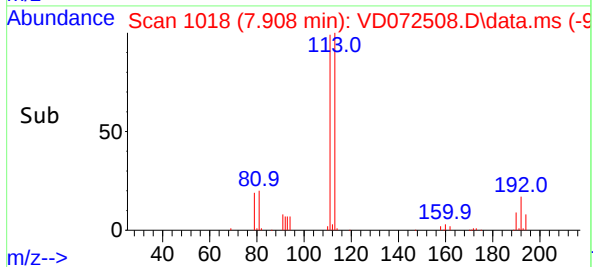
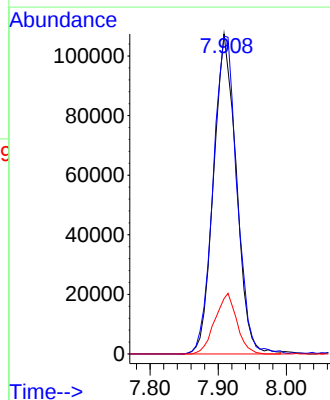
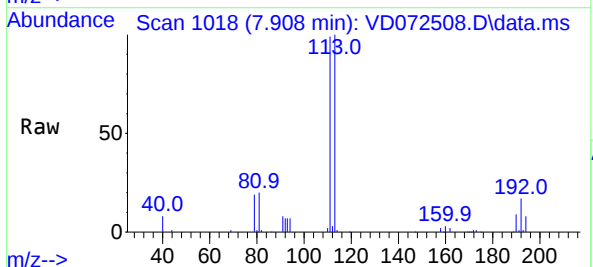
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	46.6
88	15.2	0.0	33.2

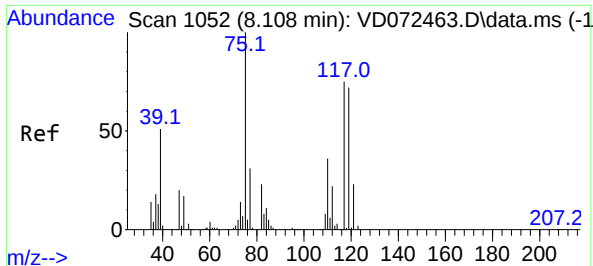


#35
Dibromofluoromethane
Concen: 41.421 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Tgt Ion:113 Resp: 248764

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.8	125.6
192	18.2	14.6	21.8





#36

1,1-Dichloropropene

Concen: 5.587 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072508.D

Acq: 01 Apr 2022 17:47

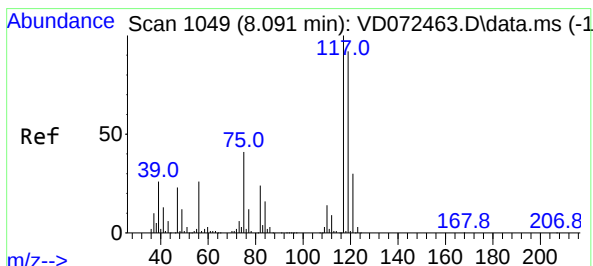
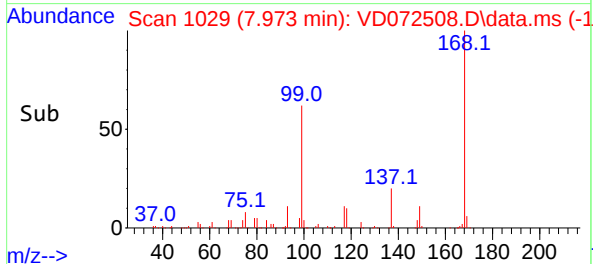
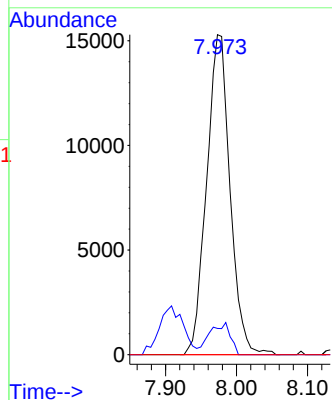
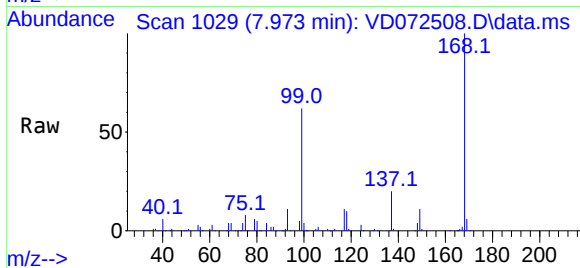
Instrument :

MSVOA_D

ClientSampleId :

SB-8

Tgt Ion: 75	Resp: 35044
Ion Ratio	Lower Upper
75	100
110	8.9 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.373 ug/l

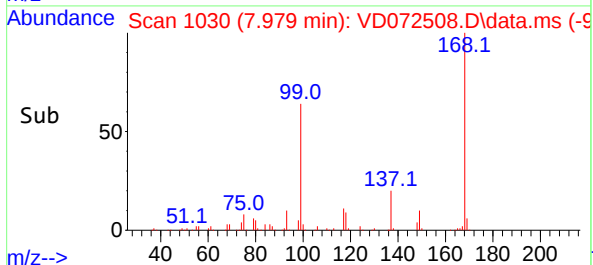
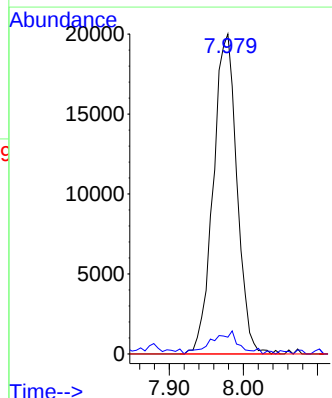
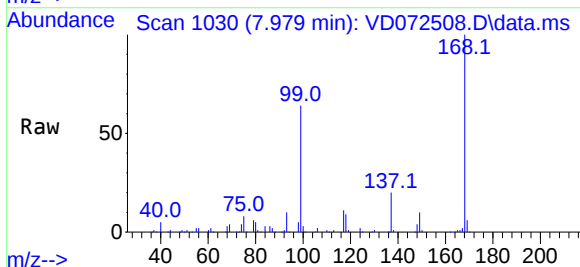
RT: 7.979 min Scan# 1030

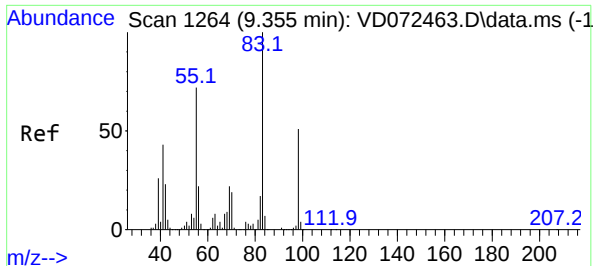
Delta R.T. -0.112 min

Lab File: VD072508.D

Acq: 01 Apr 2022 17:47

Tgt Ion: 117	Resp: 44454
Ion Ratio	Lower Upper
117	100
119	4.2 75.8 113.6#
121	0.0 24.5 36.7#

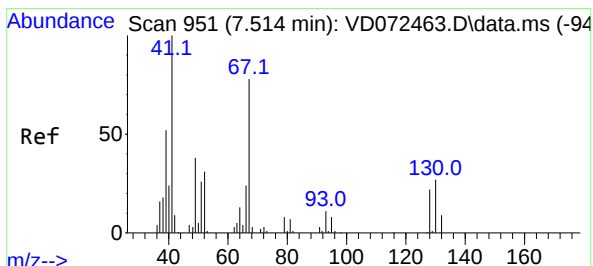
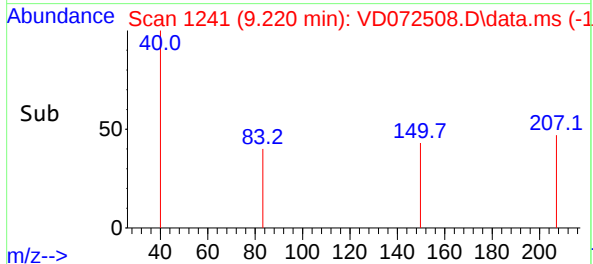
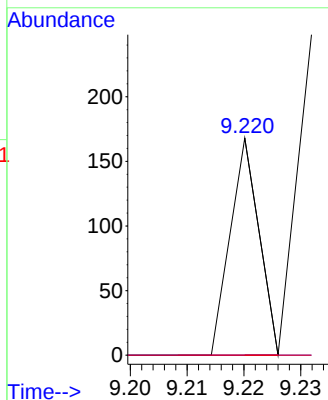
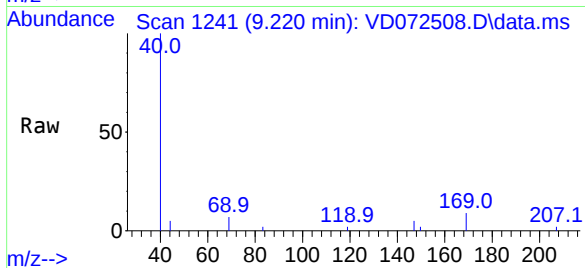




#39
Methylcyclohexane
Concen: 2.883 ug/l
RT: 9.220 min Scan# 11
Delta R.T. -0.135 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

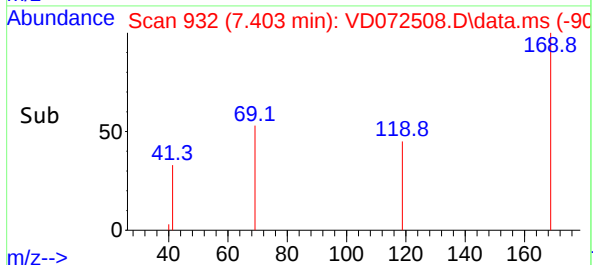
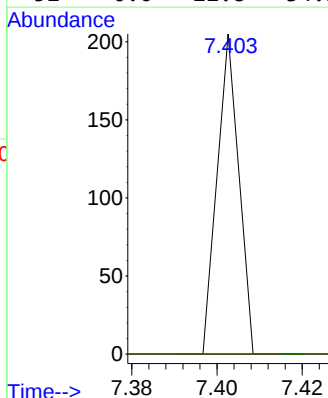
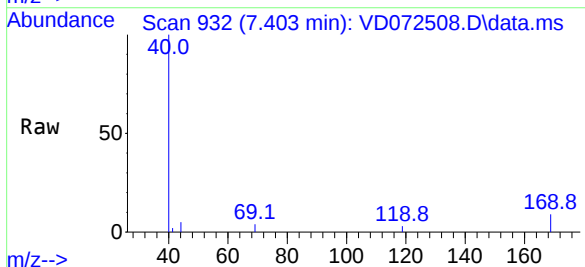
Instrument :
MSVOA_D
ClientSampleId :
SB-8

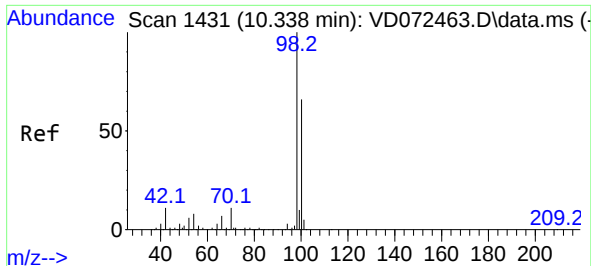
Tgt Ion: 83 Resp: 59
Ion Ratio Lower Upper
83 100
55 0.0 63.2 94.8#
98 0.0 38.2 57.4#



#41
Methacrylonitrile
Concen: 1.696 ug/l
RT: 7.403 min Scan# 932
Delta R.T. -0.111 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Tgt Ion: 41 Resp: 72
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#

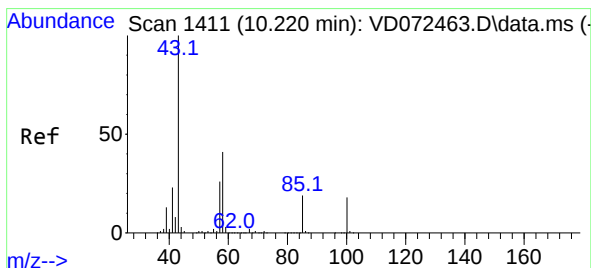
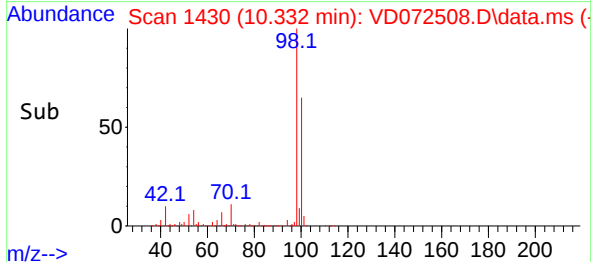
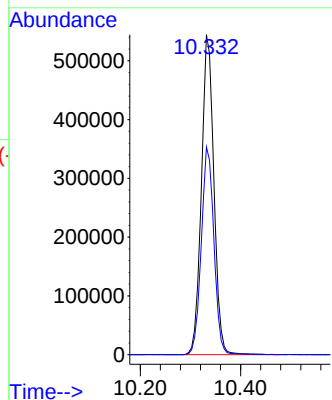
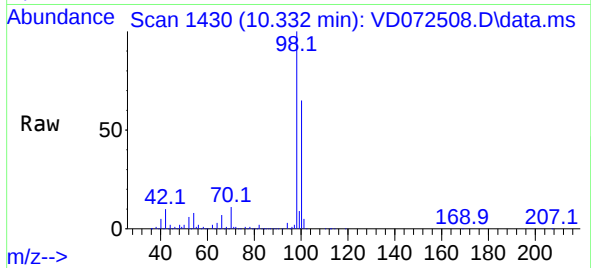




#50
Toluene-d8
Concen: 45.089 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

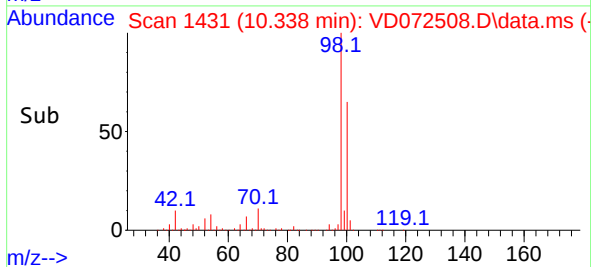
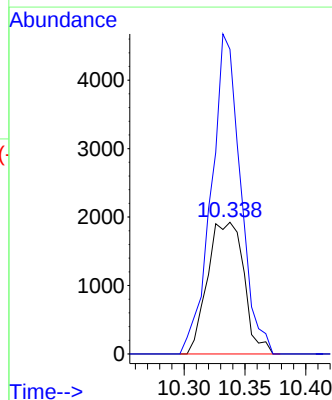
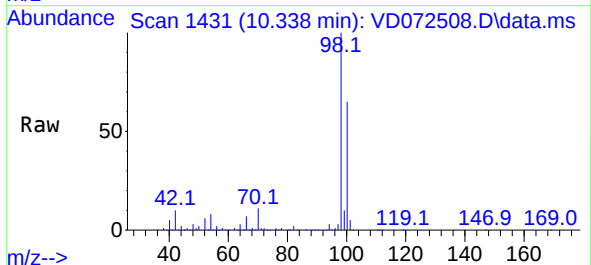
Instrument :
MSVOA_D
ClientSampleId :
SB-8

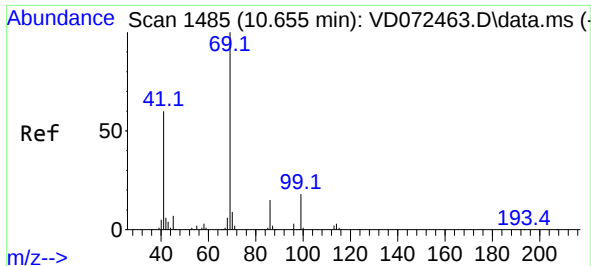
Tgt Ion: 98 Resp: 941298
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.217 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Tgt Ion: 43 Resp: 3985
Ion Ratio Lower Upper
43 100
58 196.0 28.6 43.0#

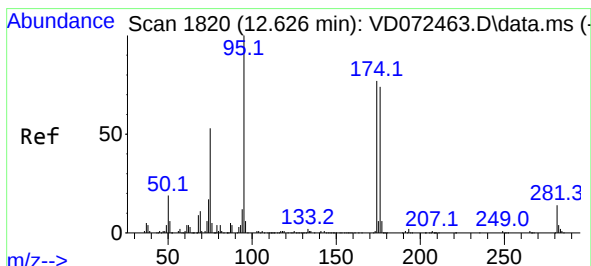
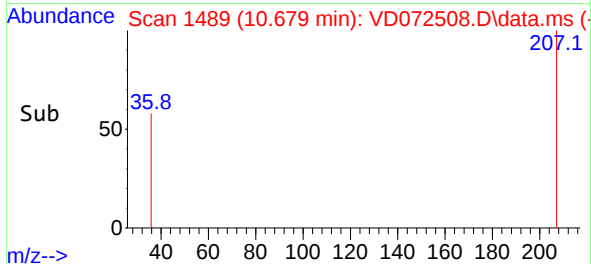
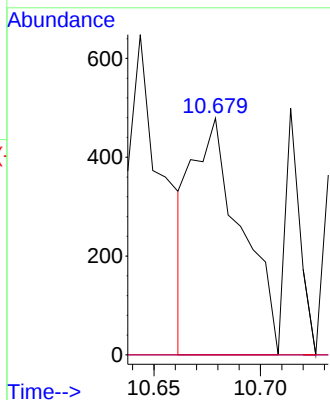
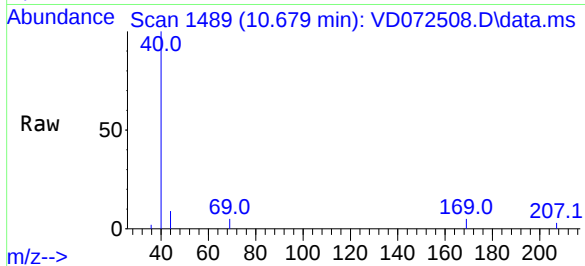




#56
Ethyl methacrylate
Concen: 1.324 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.024 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

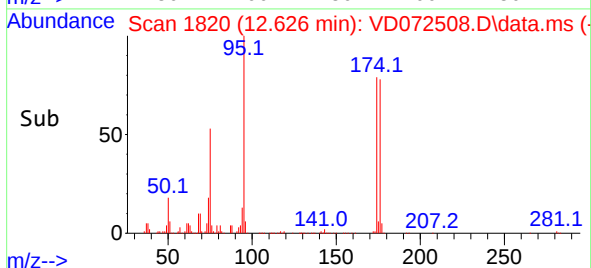
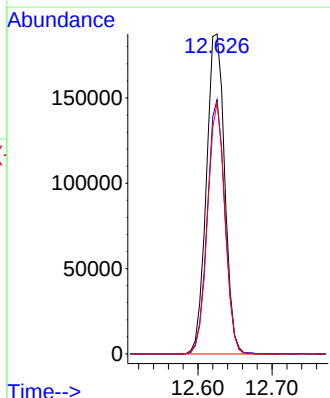
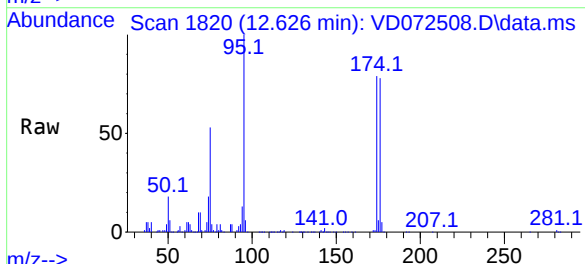
Instrument :
MSVOA_D
ClientSampleId :
SB-8

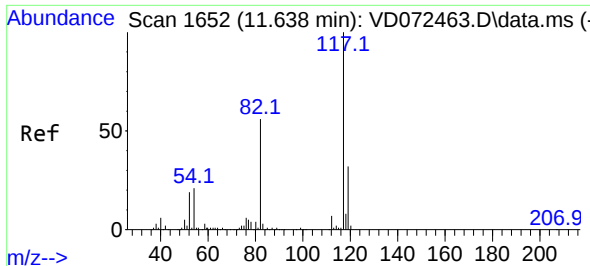
Tgt Ion: 69 Resp: 780
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 39.345 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Tgt Ion: 95 Resp: 320786
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.7 0.0 145.4

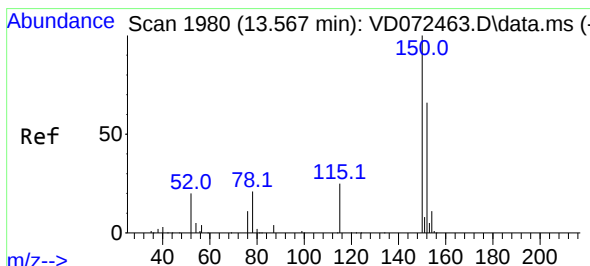
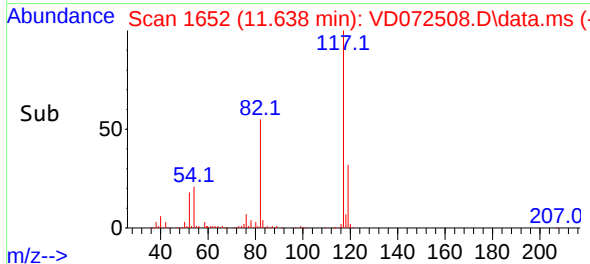
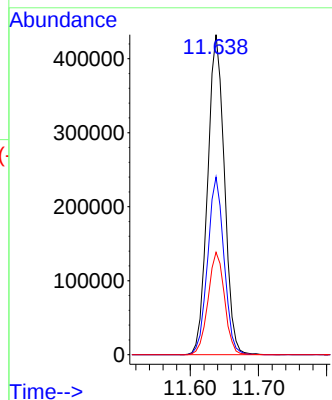
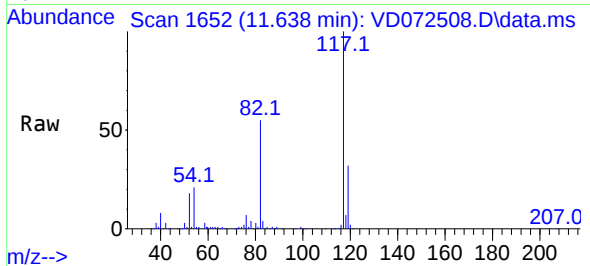




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

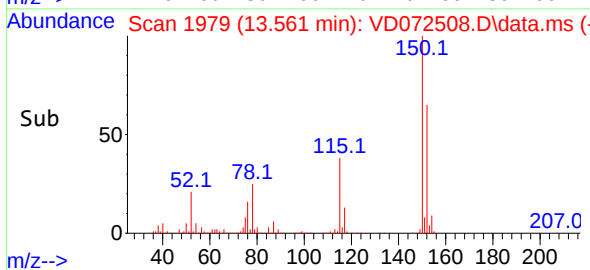
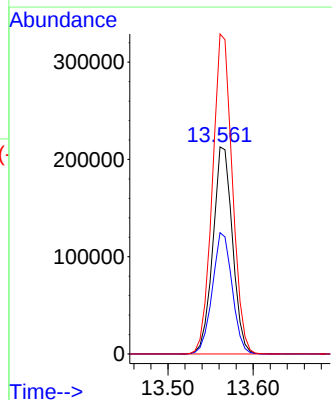
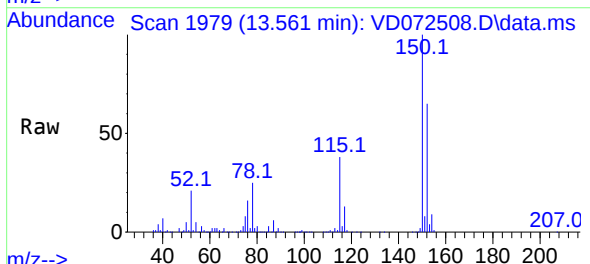
Instrument :
MSVOA_D
ClientSampleId :
SB-8

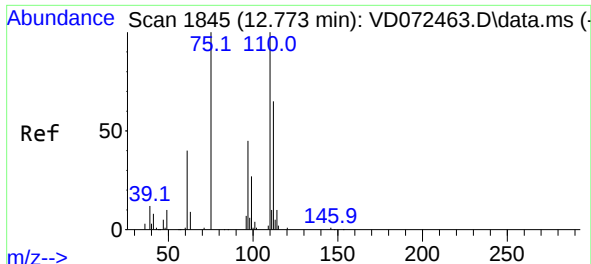
Tgt Ion:117 Resp: 738987
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Tgt Ion:152 Resp: 339502
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 157.0 0.0 348.6

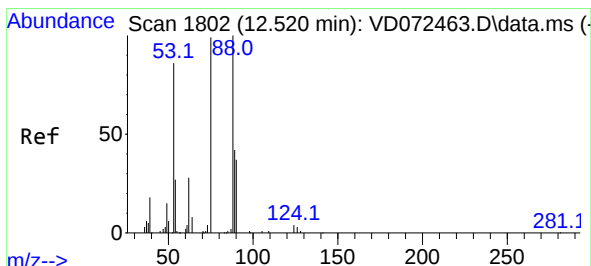
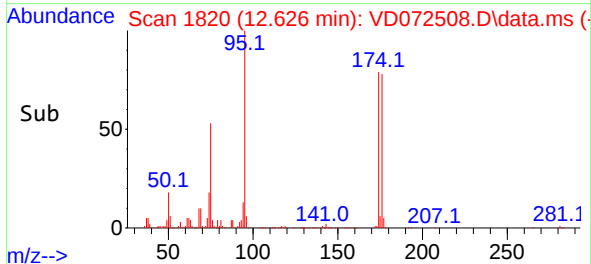
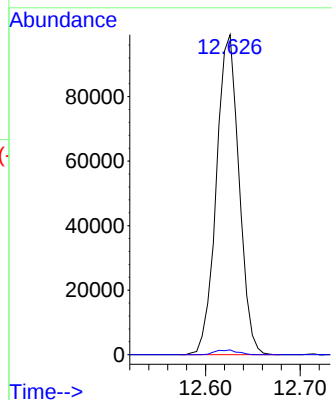
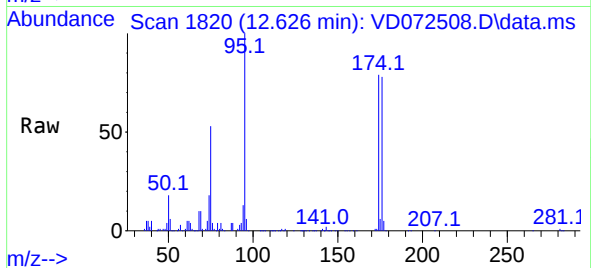




#76
1,2,3-Trichloropropane
Concen: 44.512 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
SB-8

Tgt Ion: 75 Resp: 164819
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.223 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072508.D
Acq: 01 Apr 2022 17:47

Tgt Ion: 75 Resp: 164819
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

