

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072502.D
 Acq On : 01 Apr 2022 14:56
 Operator : VA/SY
 Sample : N2217-05
 Misc : 4.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Apr 02 02:37:50 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)

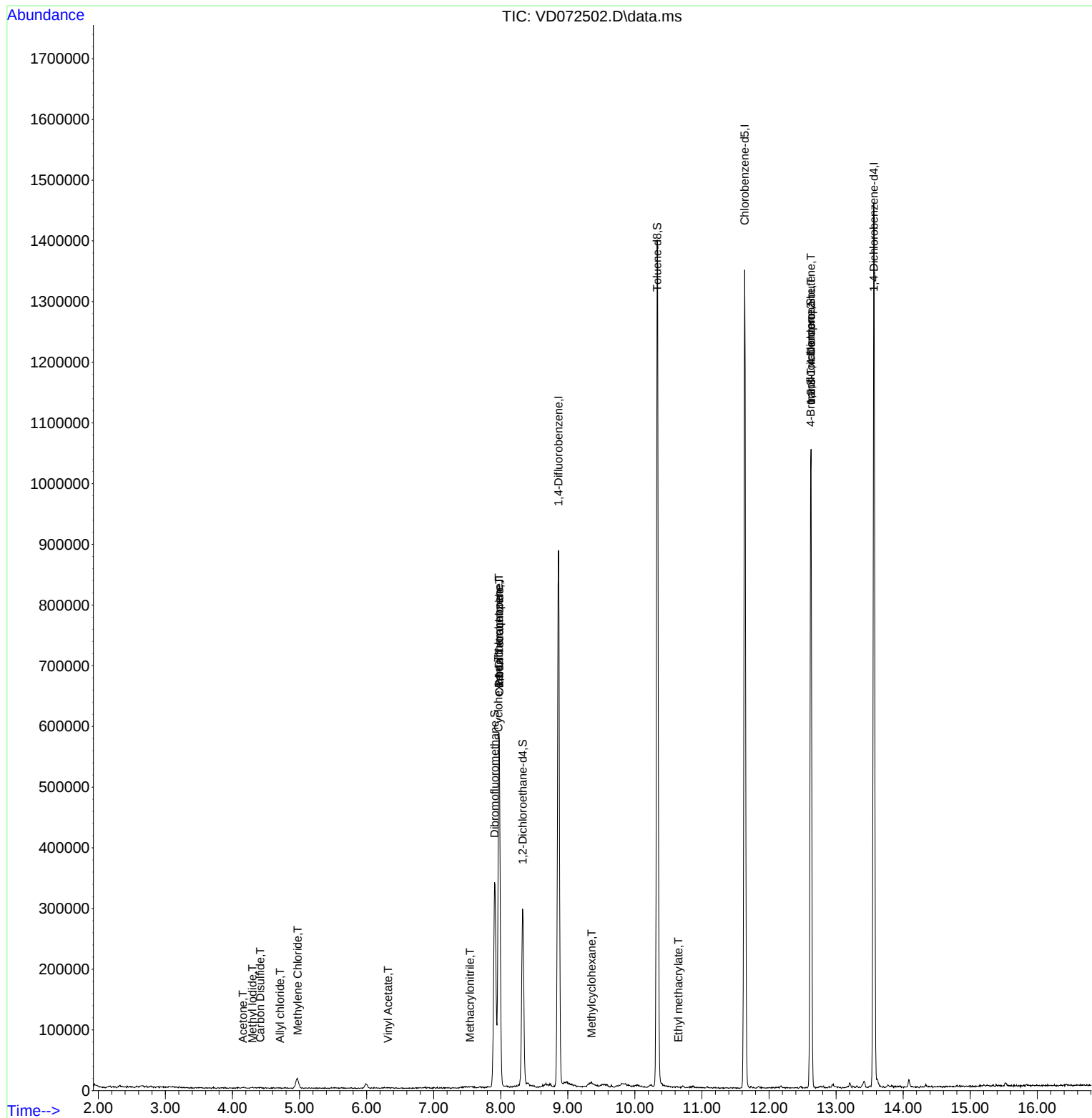
Internal Standards						
1) Pentafluorobenzene	7.973	168	431984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	771822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	788297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	379118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227832	43.598	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.200%		
35) Dibromofluoromethane	7.909	113	252684	42.127	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.260%		
50) Toluene-d8	10.332	98	953769	45.745	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.620	95	360892	44.320	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.640%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	1203	3.972	ug/l #	74
14) Allyl chloride	4.709	41	226	1.159	ug/l #	43
16) Acetone	4.156	43	1580	1.621	ug/l #	81
17) Carbon Disulfide	4.415	76	1776	3.822	ug/l #	88
20) Methylene Chloride	4.973	84	12656	2.182	ug/l #	78
23) Vinyl Acetate	6.320	43	296	6.323	ug/l #	75
31) Cyclohexane	7.967	56	10051	1.471	ug/l #	22
36) 1,1-Dichloropropene	7.973	75	32511	5.270	ug/l #	53
38) Carbon Tetrachloride	7.979	117	45356	5.489	ug/l #	18
39) Methylcyclohexane	9.355	83	503	2.930	ug/l #	80
41) Methacrylonitrile	7.544	41	63	1.691	ug/l #	27
56) Ethyl methacrylate	10.650	69	575	1.289	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	185159	44.780	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	185159	109.881	ug/l #	7

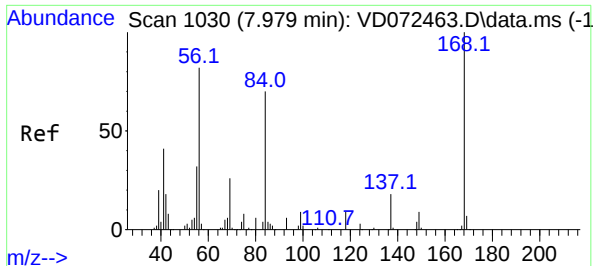
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
Data File : VD072502.D
Acq On : 01 Apr 2022 14:56
Operator : VA/SY
Sample : N2217-05
Misc : 4.83G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Quant Time: Apr 02 02:37:50 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

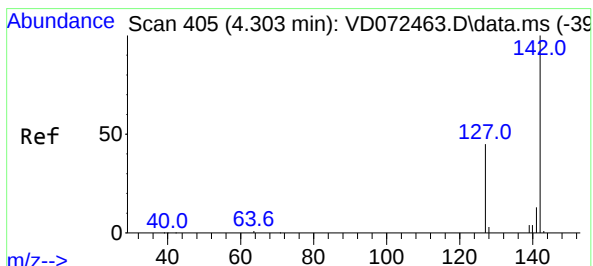
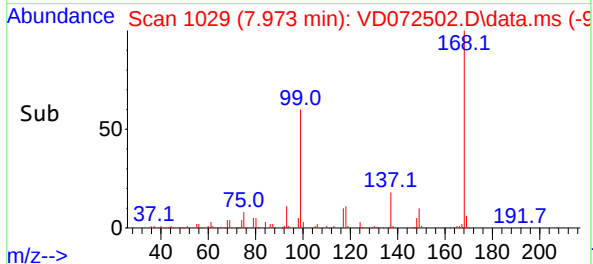
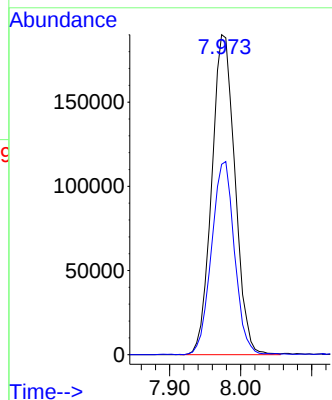
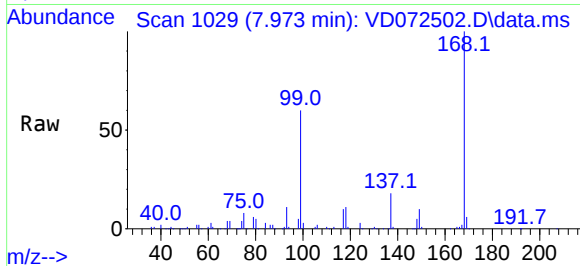




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

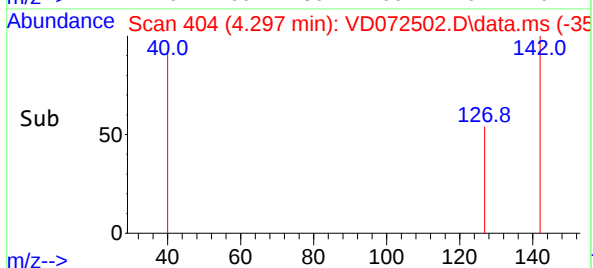
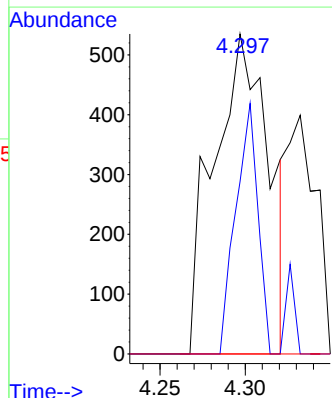
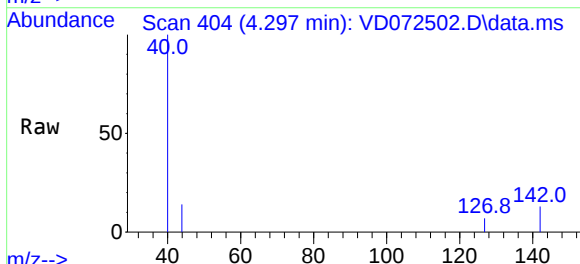
Instrument :
MSVOA_D
ClientSampleId :
SB-4

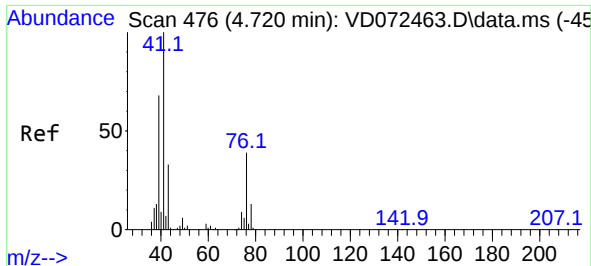
Tgt Ion:168 Resp: 431984
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#10
Methyl Iodide
Concen: 3.972 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion:142 Resp: 1203
Ion Ratio Lower Upper
142 100
127 31.7 37.3 55.9#
141 0.0 11.7 17.5#

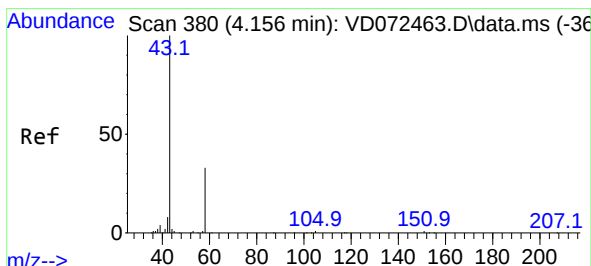
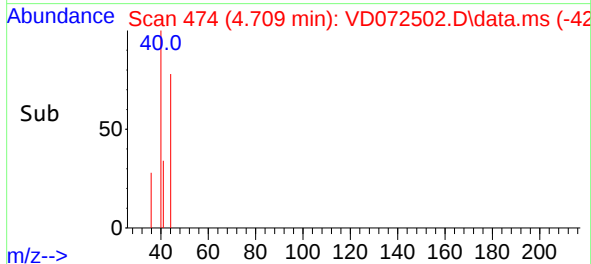
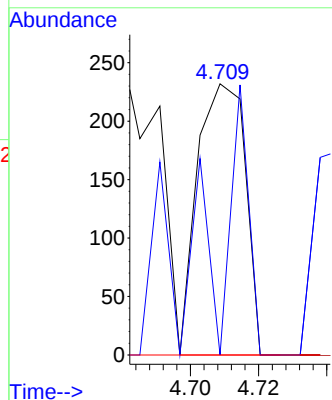
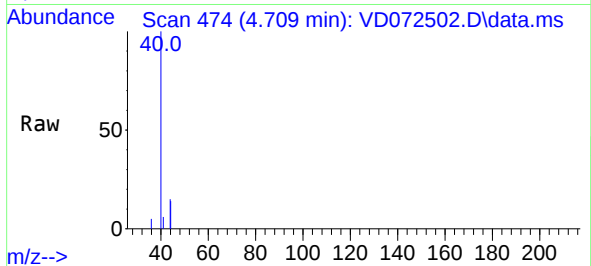




#14
Allyl chloride
Concen: 1.159 ug/l
RT: 4.709 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

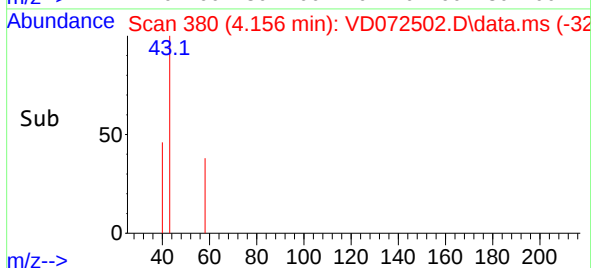
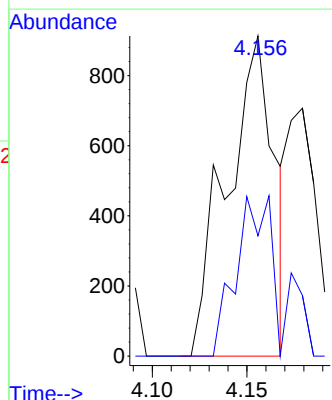
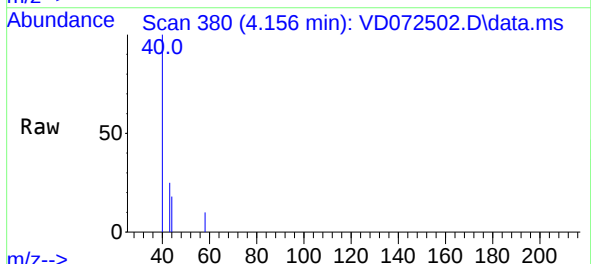
Instrument :
MSVOA_D
ClientSampleId :
SB-4

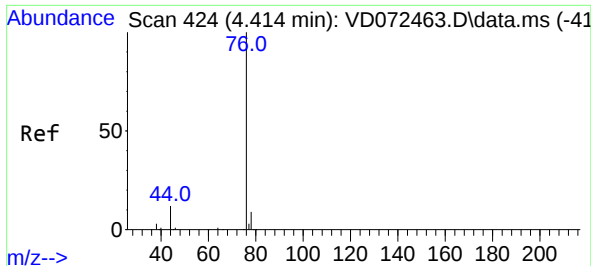
Tgt Ion: 41 Resp: 226
Ion Ratio Lower Upper
41 100
39 26.1 59.3 88.9#
76 0.0 25.7 38.5#



#16
Acetone
Concen: 1.621 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 37.6 22.1 33.1#

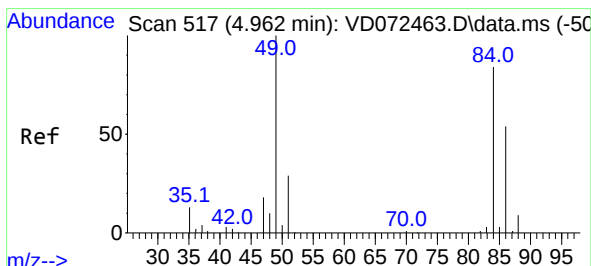
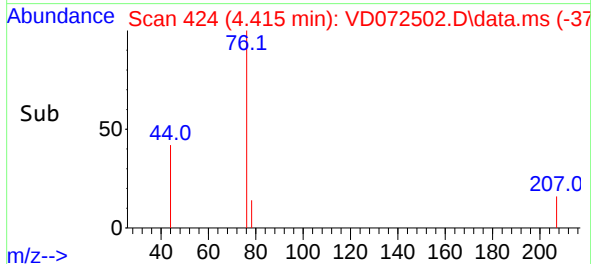
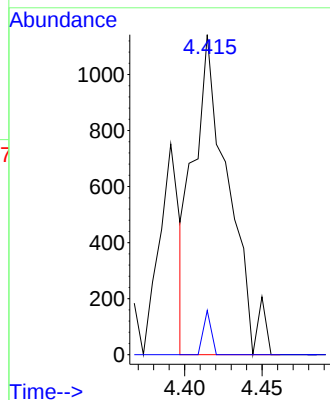
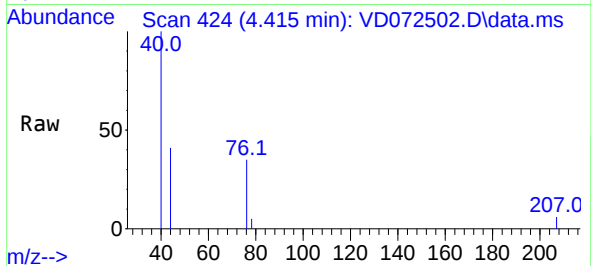




#17
Carbon Disulfide
Concen: 3.822 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

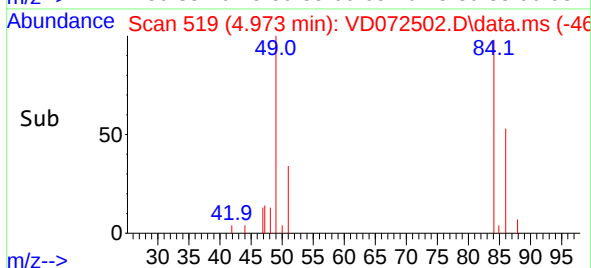
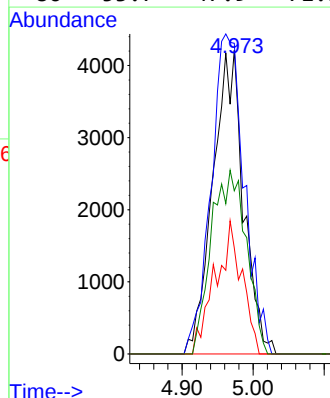
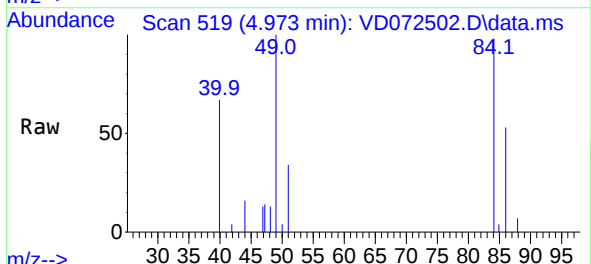
Instrument :
MSVOA_D
ClientSampleId :
SB-4

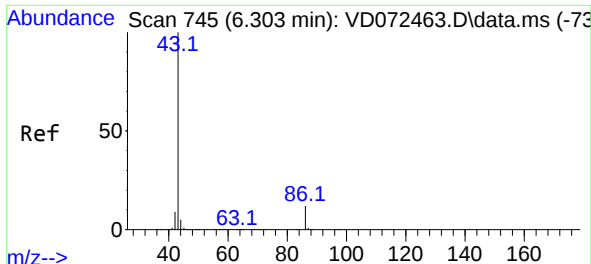
Tgt Ion: 76 Resp: 1776
Ion Ratio Lower Upper
76 100
78 13.8 7.5 11.3#



#20
Methylene Chloride
Concen: 2.182 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion: 84 Resp: 12656
Ion Ratio Lower Upper
84 100
49 102.3 112.8 169.2#
51 35.0 32.6 48.8
86 53.7 47.9 71.9

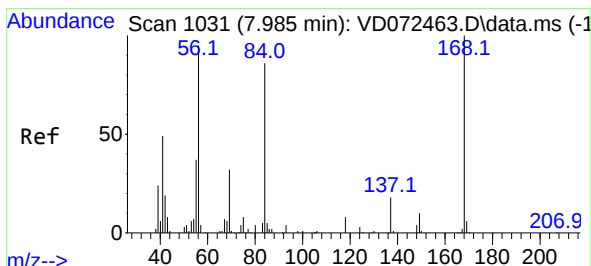
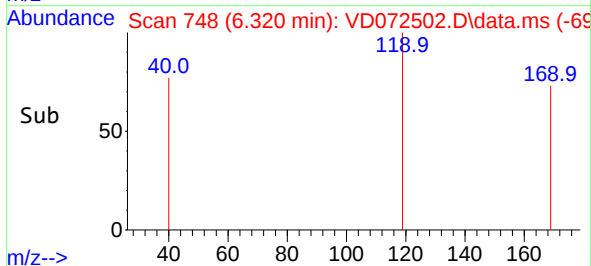
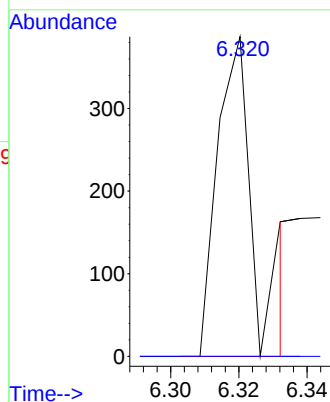
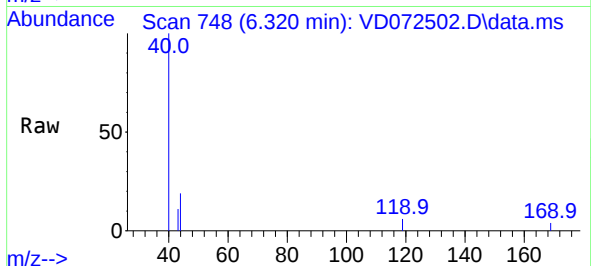




#23
 Vinyl Acetate
 Concen: 6.323 ug/l
 RT: 6.320 min Scan# 745
 Delta R.T. 0.017 min
 Lab File: VD072502.D
 Acq: 01 Apr 2022 14:56

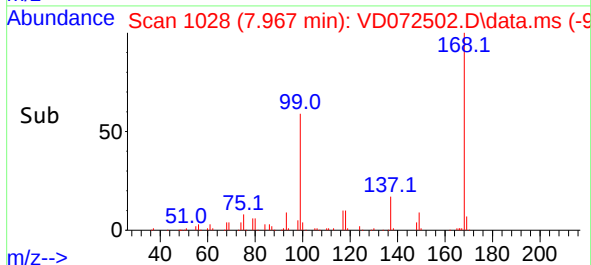
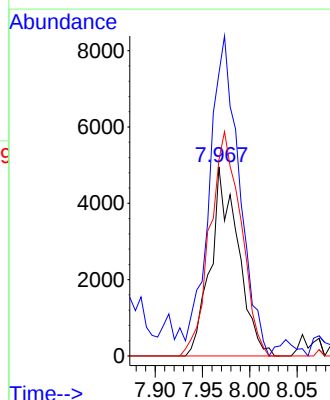
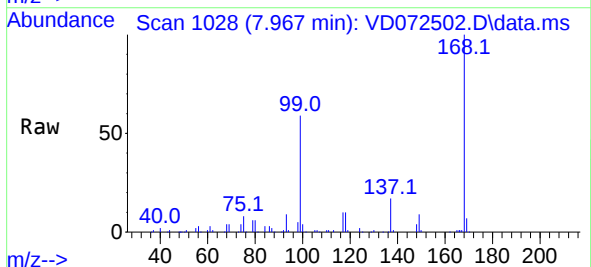
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

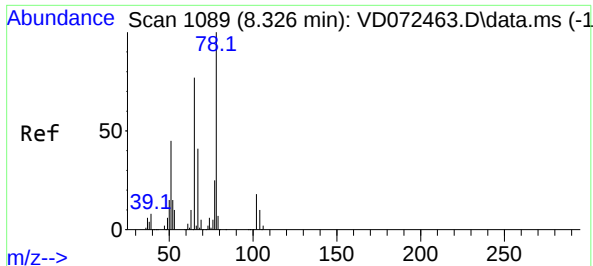
Tgt Ion: 43 Resp: 296
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#31
 Cyclohexane
 Concen: 1.471 ug/l
 RT: 7.967 min Scan# 1028
 Delta R.T. -0.018 min
 Lab File: VD072502.D
 Acq: 01 Apr 2022 14:56

Tgt Ion: 56 Resp: 10051
 Ion Ratio Lower Upper
 56 100
 69 144.0 25.4 38.2#
 84 103.6 63.0 94.4#

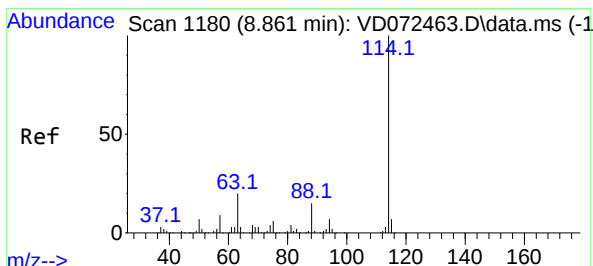
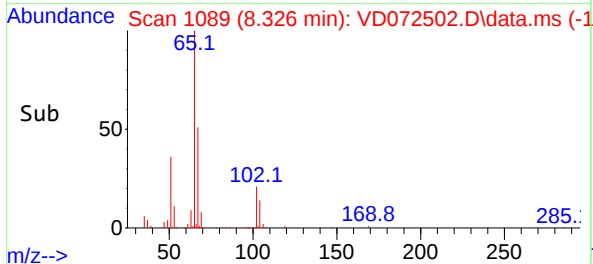
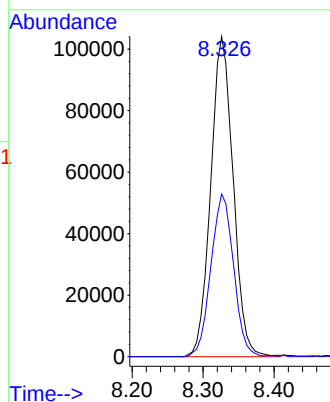
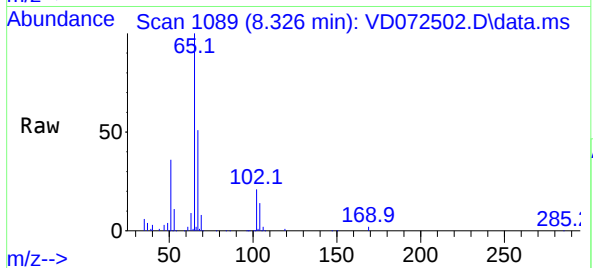




#33
1,2-Dichloroethane-d4
Concen: 43.598 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

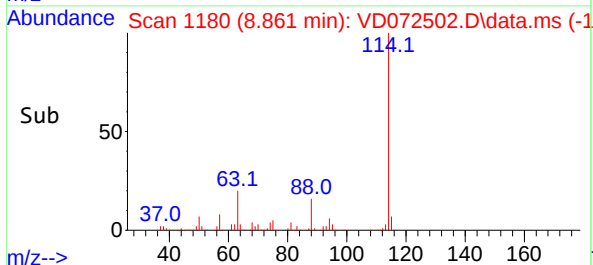
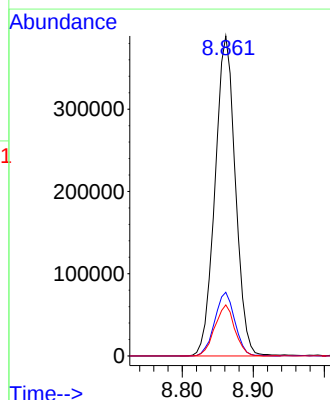
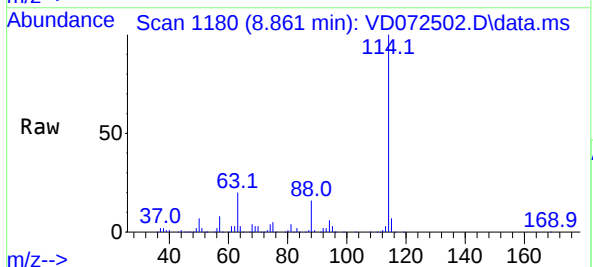
Instrument :
MSVOA_D
ClientSampleId :
SB-4

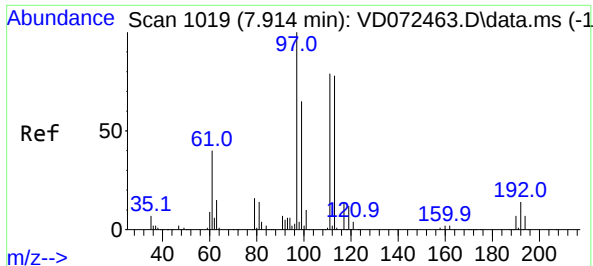
Tgt Ion: 65 Resp: 227832
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion: 114 Resp: 771822
Ion Ratio Lower Upper
114 100
63 19.9 0.0 46.6
88 15.9 0.0 33.2

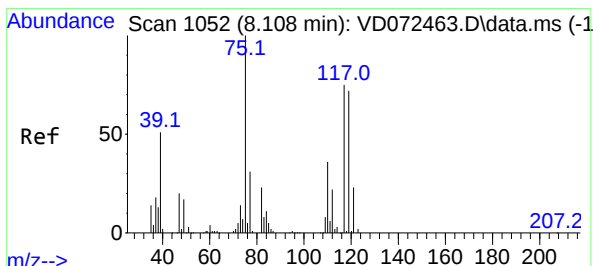
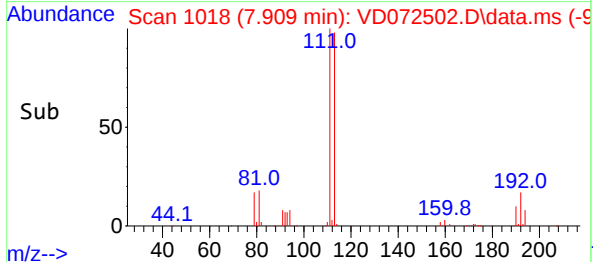
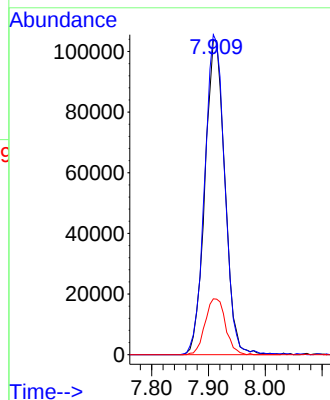
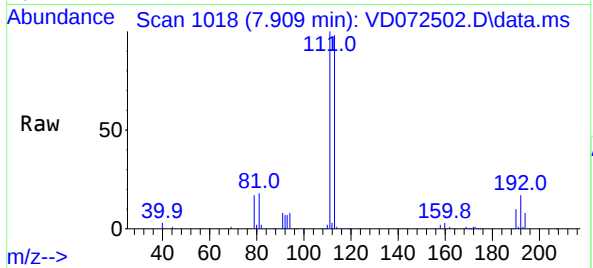




#35
Dibromofluoromethane
Concen: 42.127 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

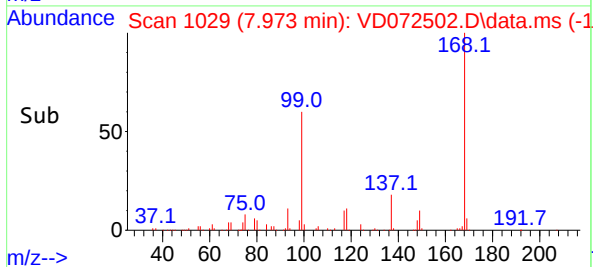
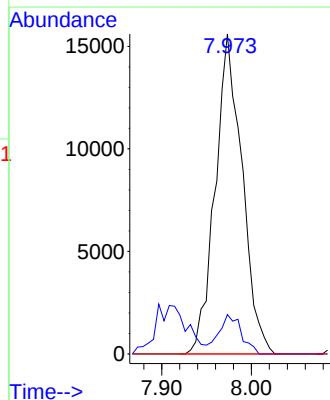
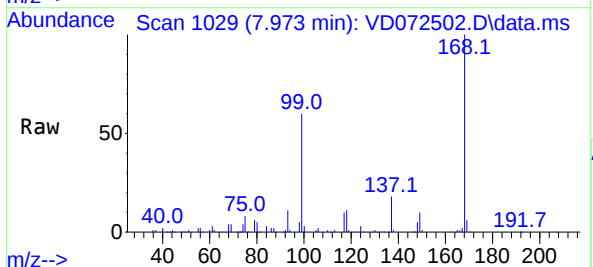
Instrument :
MSVOA_D
ClientSampleId :
SB-4

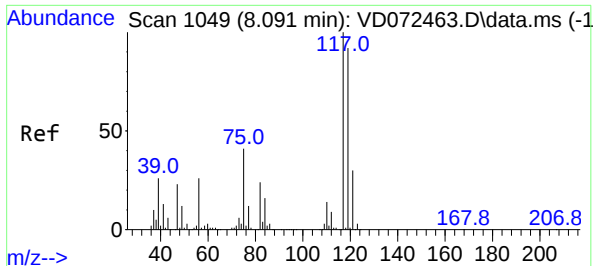
Tgt Ion:113 Resp: 252684
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion: 75 Resp: 32511
Ion Ratio Lower Upper
75 100
110 10.3 16.4 49.1#
77 0.0 24.2 36.2#

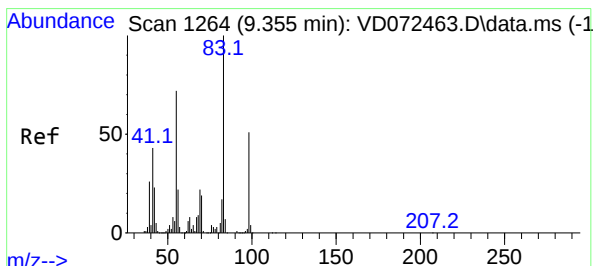
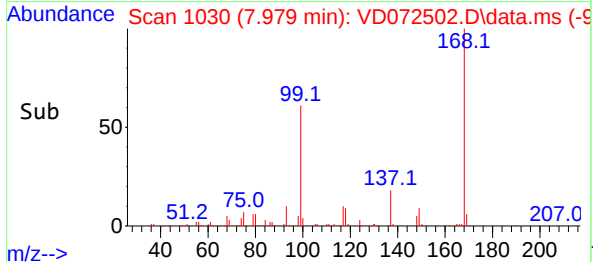
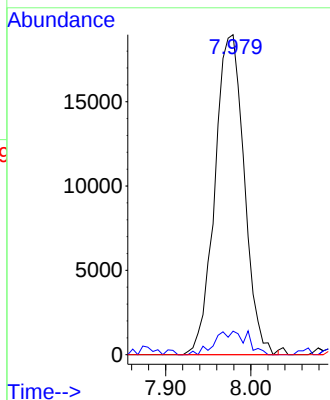
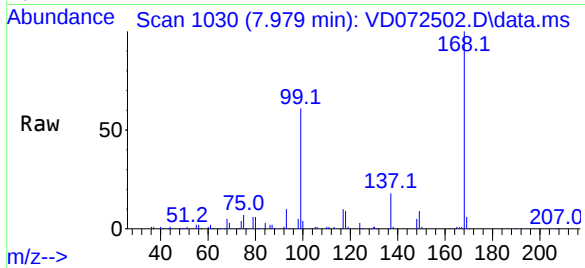




#38
Carbon Tetrachloride
Concen: 5.489 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

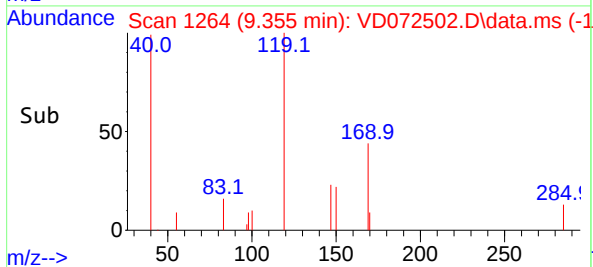
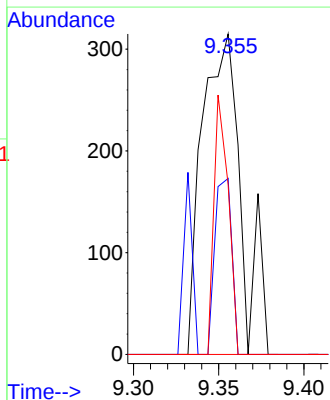
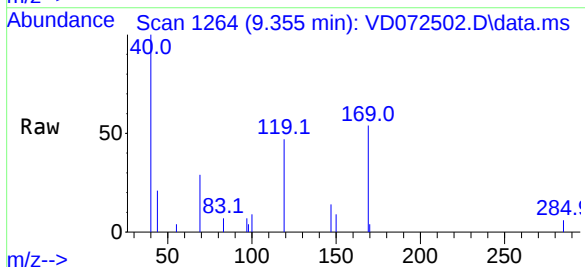
Instrument :
MSVOA_D
ClientSampleId :
SB-4

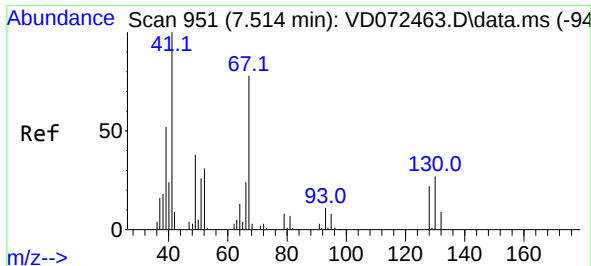
Tgt Ion:117 Resp: 45356
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.930 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion: 83 Resp: 503
Ion Ratio Lower Upper
83 100
55 54.9 63.2 94.8#
98 53.0 38.2 57.4

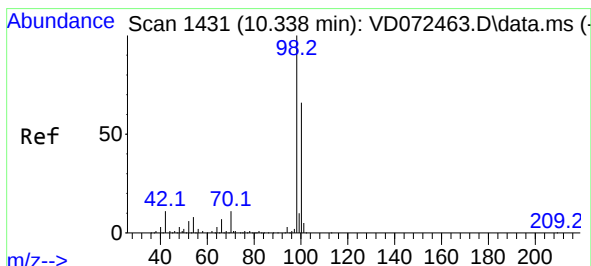
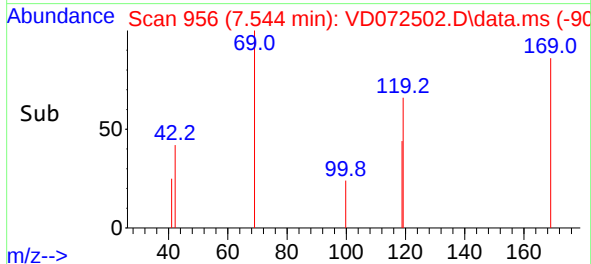
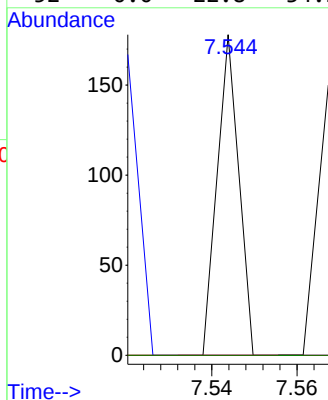
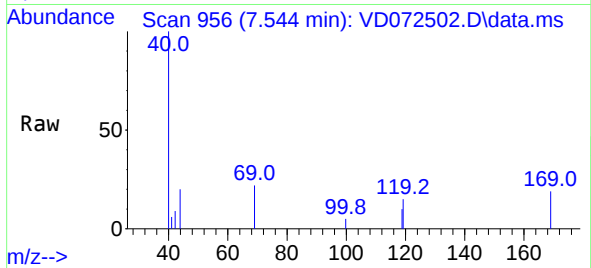




#41
Methacrylonitrile
Concen: 1.691 ug/l
RT: 7.544 min Scan# 91
Delta R.T. 0.030 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

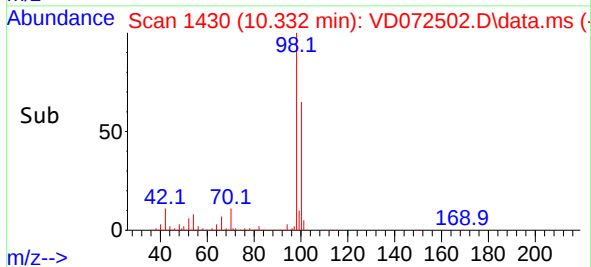
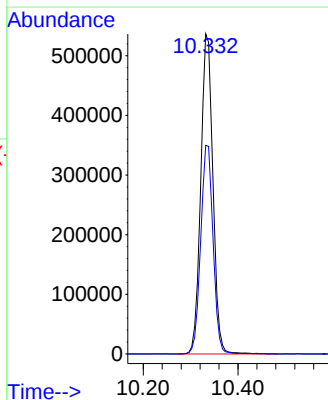
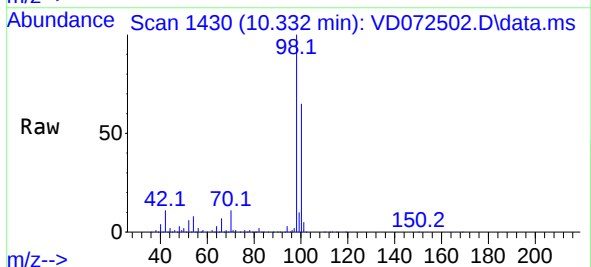
Instrument :
MSVOA_D
ClientSampleId :
SB-4

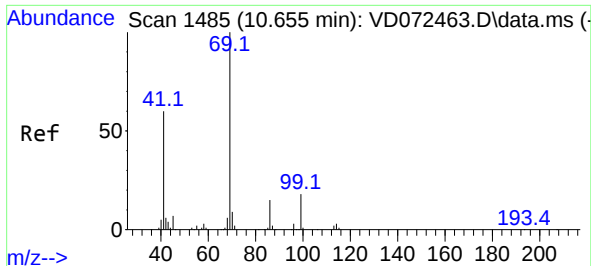
Tgt Ion:	41	Resp:	63
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#50
Toluene-d8
Concen: 45.745 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion:	98	Resp:	953769
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6

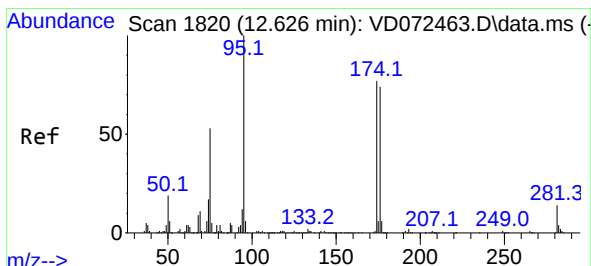
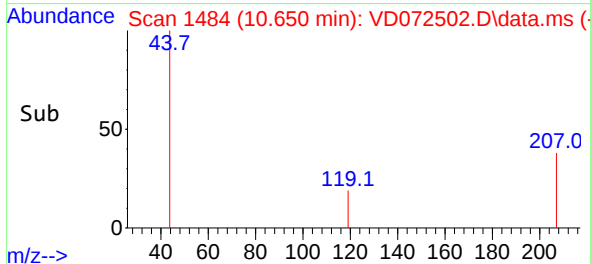
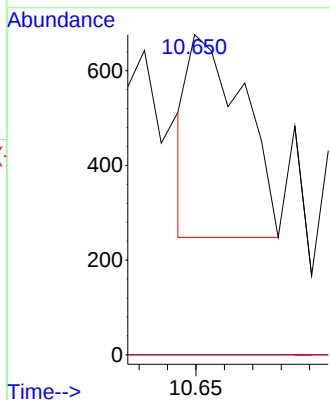
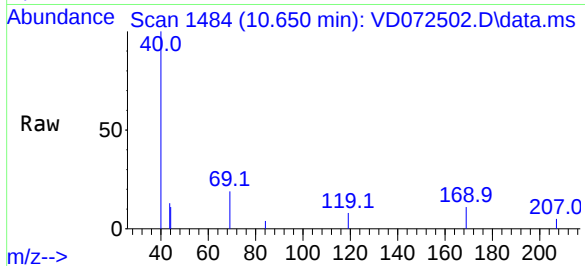




#56
Ethyl methacrylate
Concen: 1.289 ug/l
RT: 10.650 min Scan# 1485
Delta R.T. -0.005 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

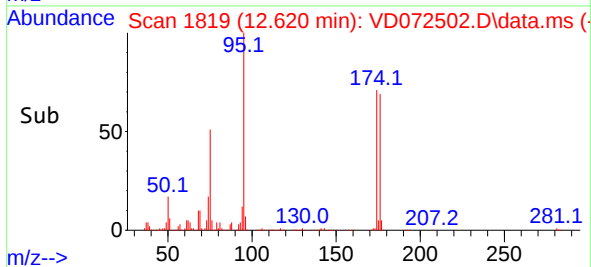
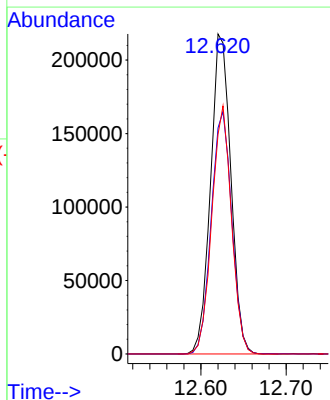
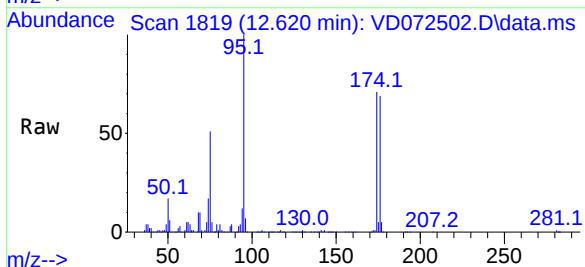
Instrument :
MSVOA_D
ClientSampleId :
SB-4

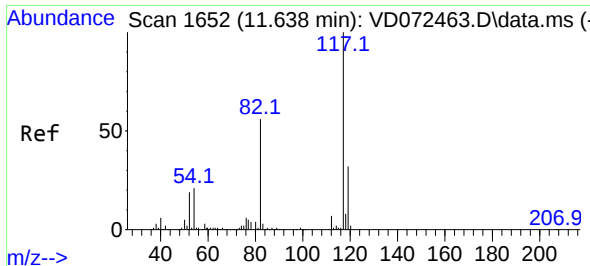
Tgt Ion: 69 Resp: 575
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 44.320 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion: 95 Resp: 360892
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 75.0 0.0 145.4

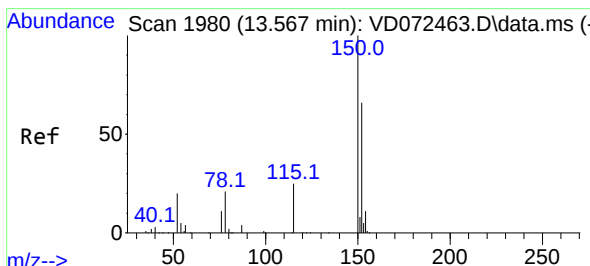
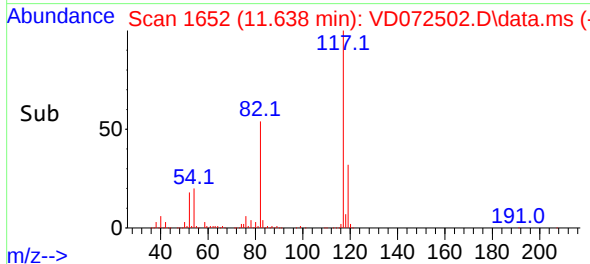
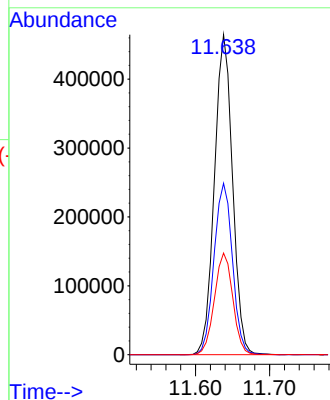
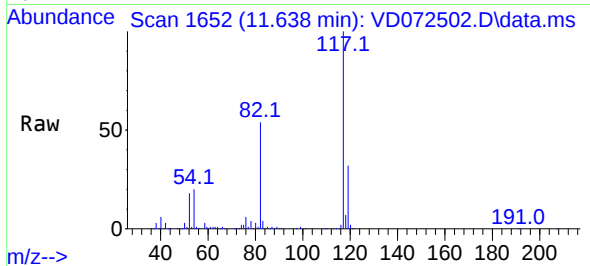




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

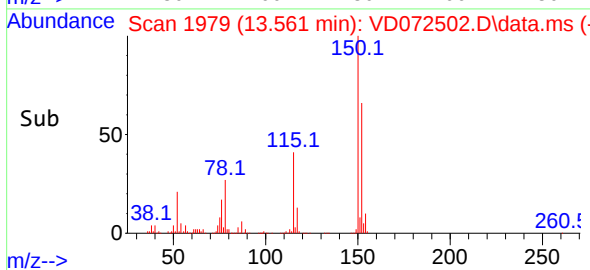
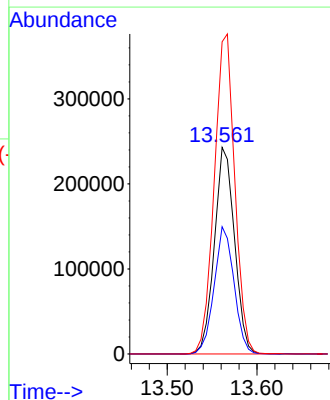
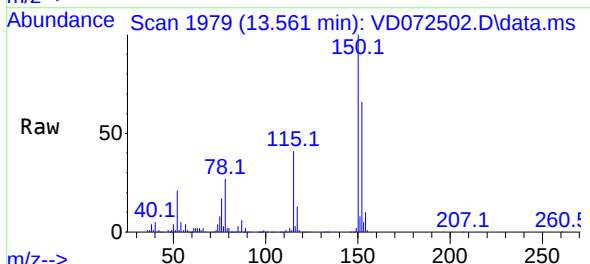
Instrument :
MSVOA_D
ClientSampleId :
SB-4

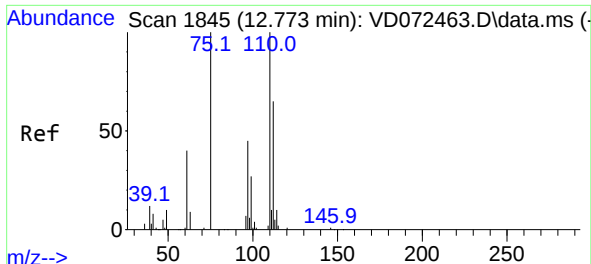
Tgt Ion:117 Resp: 788297
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion:152 Resp: 379118
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.6 0.0 348.6

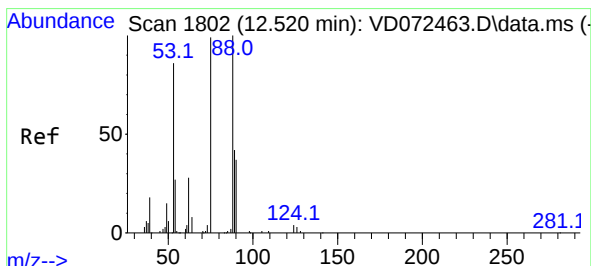
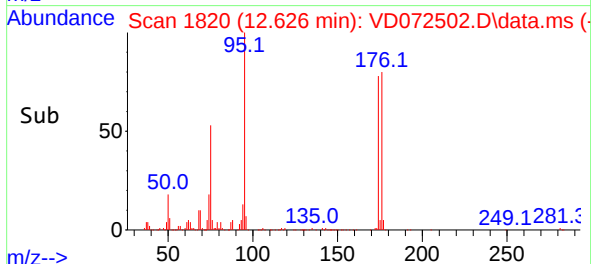
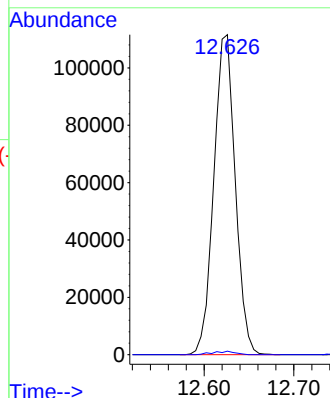
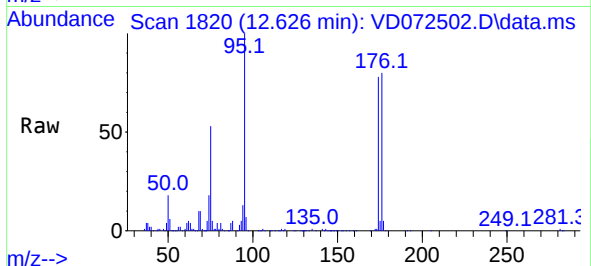




#76
1,2,3-Trichloropropane
Concen: 44.780 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
SB-4

Tgt Ion: 75 Resp: 185159
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.881 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072502.D
Acq: 01 Apr 2022 14:56

Tgt Ion: 75 Resp: 185159
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

