

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072507.D
 Acq On : 01 Apr 2022 17:18
 Operator : VA/SY
 Sample : N2217-06
 Misc : 6.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Apr 02 02:38:56 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)

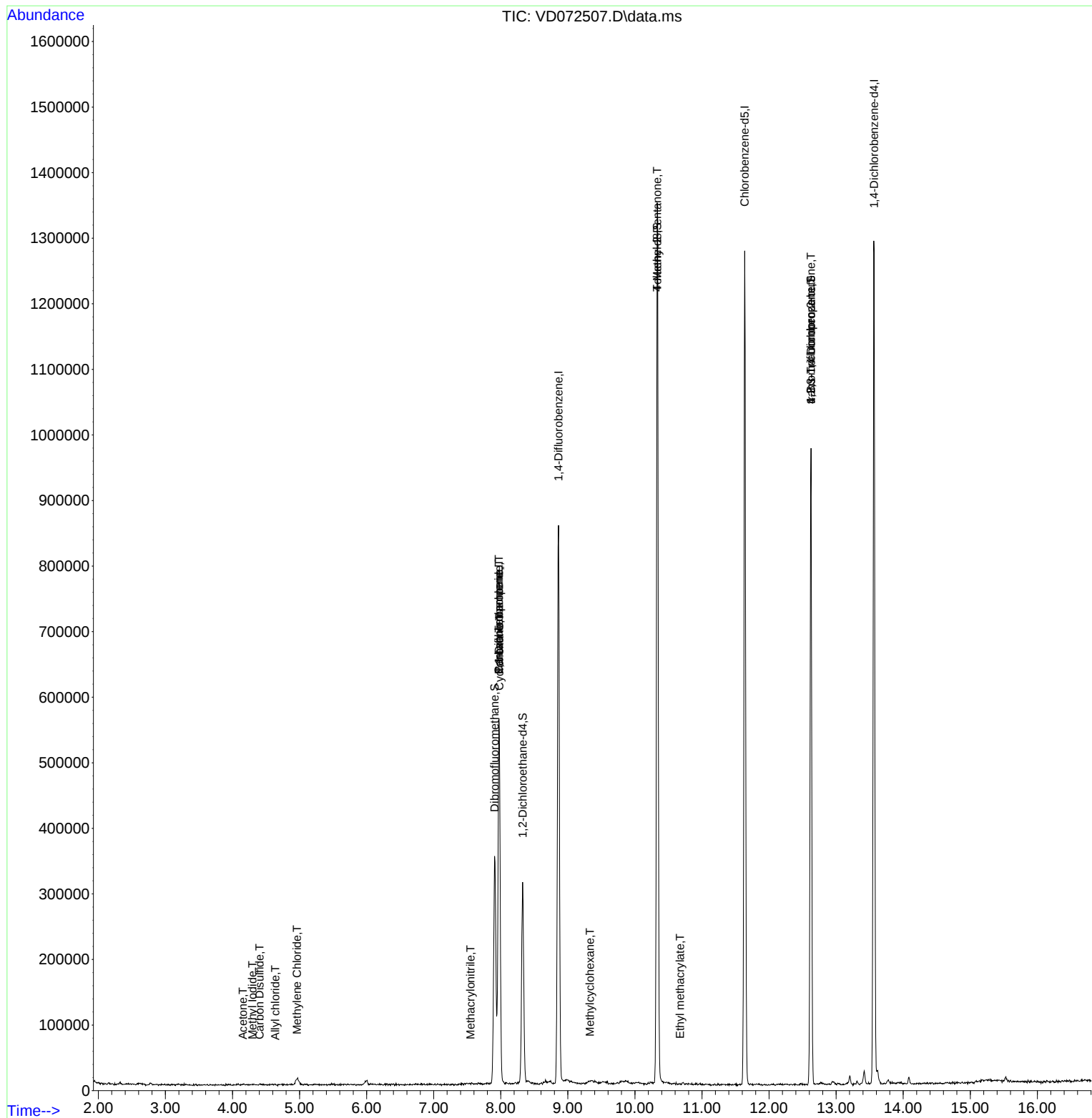
Internal Standards						
1) Pentafluorobenzene	7.973	168	403439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	741618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	726780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	348358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	240075	49.192	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.380%		
35) Dibromofluoromethane	7.908	113	252887	43.878	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.760%		
50) Toluene-d8	10.332	98	918825	45.863	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.720%		
62) 4-Bromofluorobenzene	12.626	95	325001	41.538	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.080%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	330	3.802	ug/l #	71
14) Allyl chloride	4.638	41	79	1.139	ug/l #	22
16) Acetone	4.156	43	1468	1.613	ug/l #	71
17) Carbon Disulfide	4.403	76	2253	3.892	ug/l #	74
20) Methylene Chloride	4.962	84	7554	1.394	ug/l #	77
31) Cyclohexane	7.979	56	9177	1.438	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	33718	5.599	ug/l #	52
38) Carbon Tetrachloride	7.973	117	43471	5.475	ug/l #	19
39) Methylcyclohexane	9.332	83	84	2.886	ug/l #	17
41) Methacrylonitrile	7.550	41	75	1.699	ug/l #	27
51) 4-Methyl-2-Pentanone	10.332	43	3961	1.260	ug/l #	1
56) Ethyl methacrylate	10.673	69	603	1.298	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	168540	44.360	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	168540	108.850	ug/l #	7

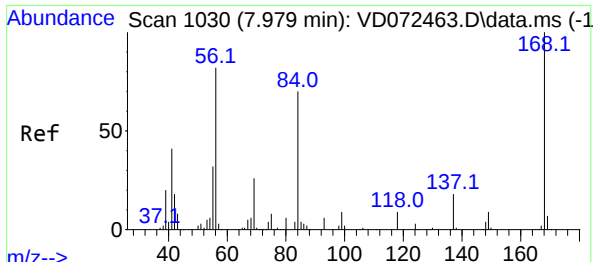
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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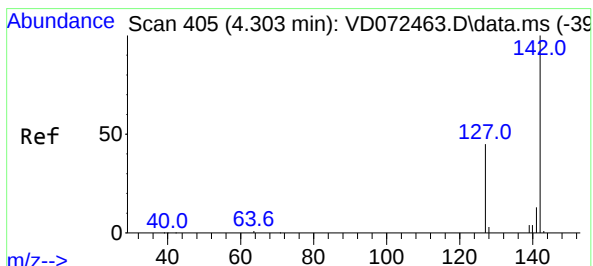
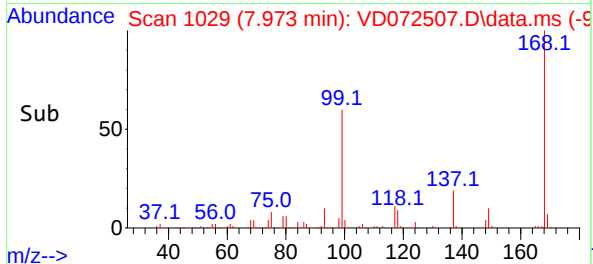
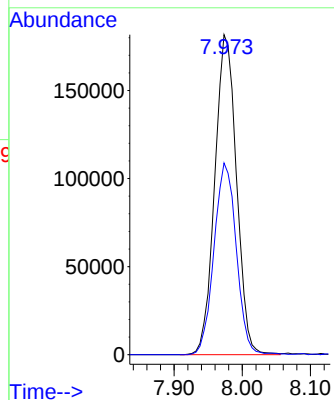
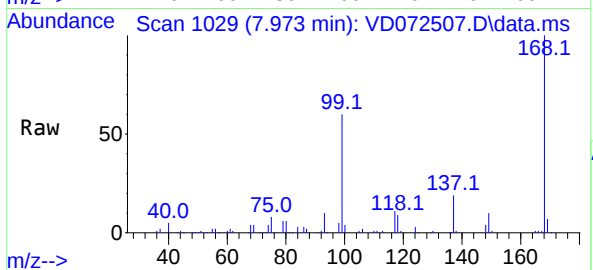




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

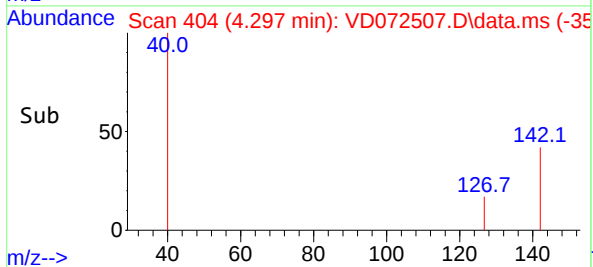
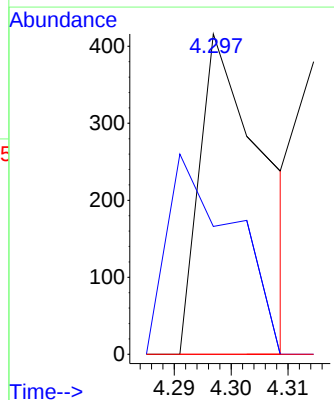
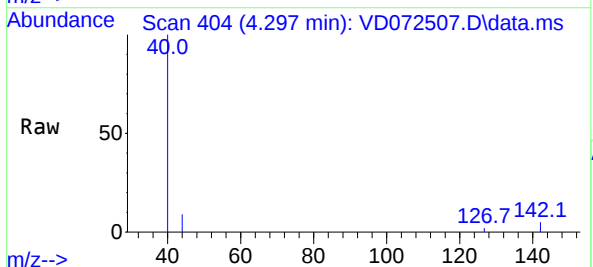
Instrument :
MSVOA_D
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SB-5

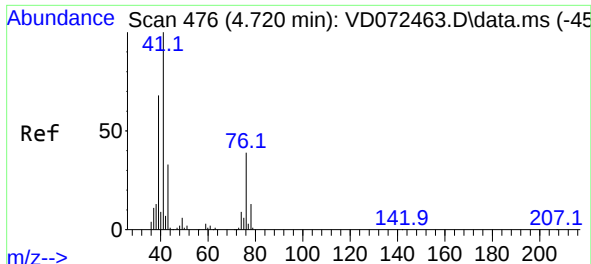
Tgt Ion:168 Resp: 403439
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#10
Methyl Iodide
Concen: 3.802 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

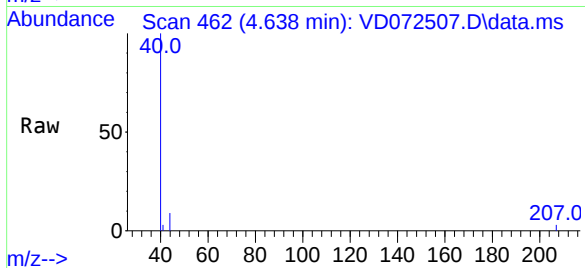
Tgt Ion:142 Resp: 330
Ion Ratio Lower Upper
142 100
127 64.2 37.3 55.9#
141 0.0 11.7 17.5#



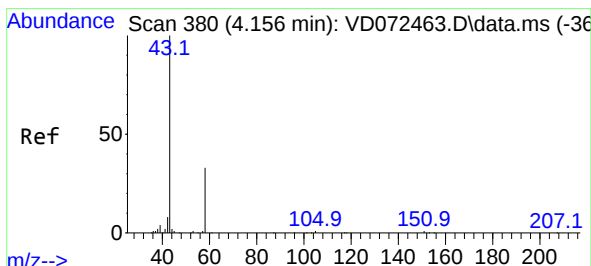
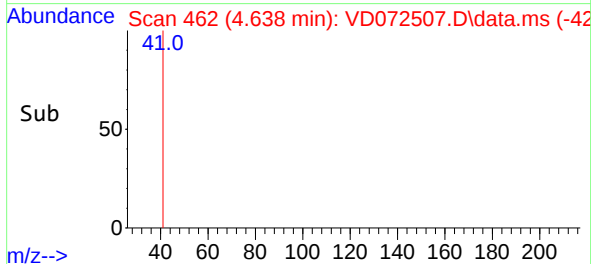
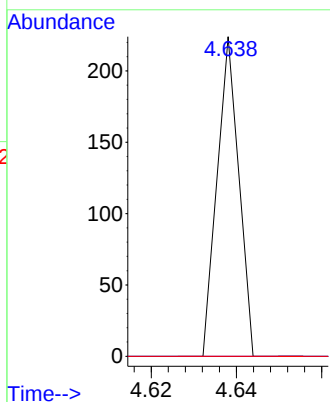


#14
 Allyl chloride
 Concen: 1.139 ug/l
 RT: 4.638 min Scan# 41
 Delta R.T. -0.082 min
 Lab File: VD072507.D
 Acq: 01 Apr 2022 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

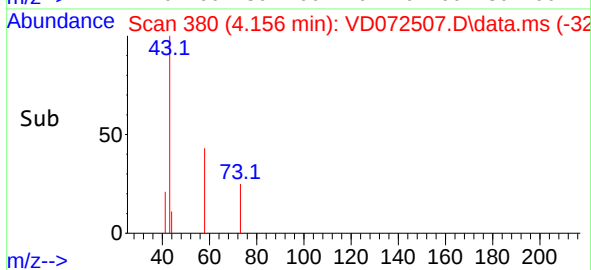
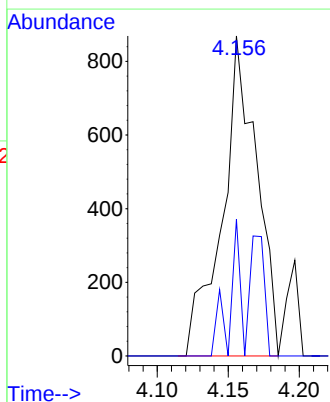
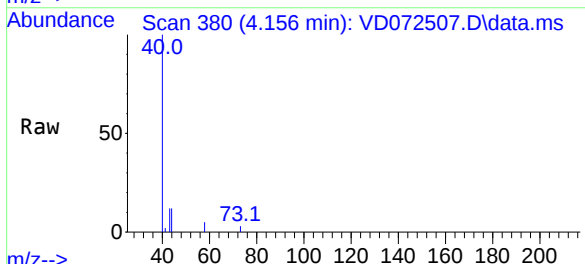


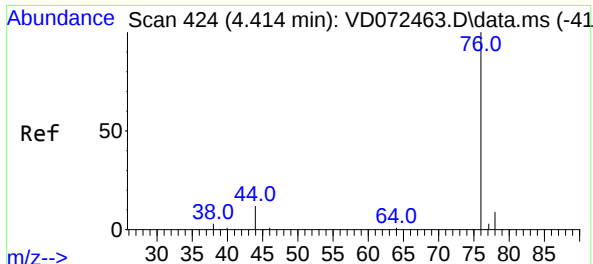
Tgt Ion: 41 Resp: 79
 Ion Ratio Lower Upper
 41 100
 39 0.0 59.3 88.9#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 1.613 ug/l
 RT: 4.156 min Scan# 380
 Delta R.T. 0.000 min
 Lab File: VD072507.D
 Acq: 01 Apr 2022 17:18

Tgt Ion: 43 Resp: 1468
 Ion Ratio Lower Upper
 43 100
 58 42.7 22.1 33.1#

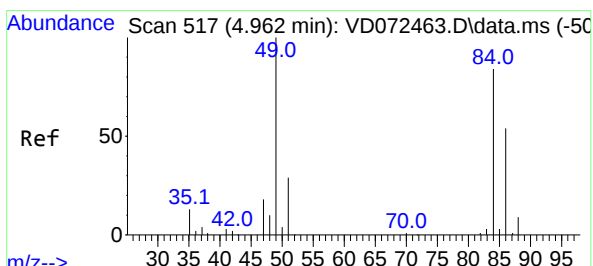
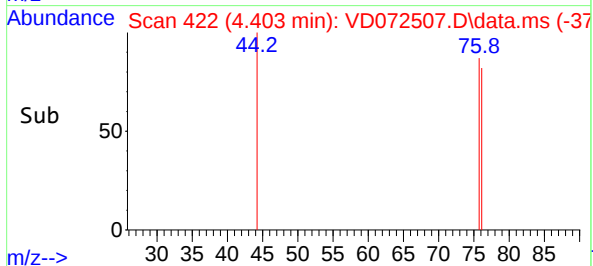
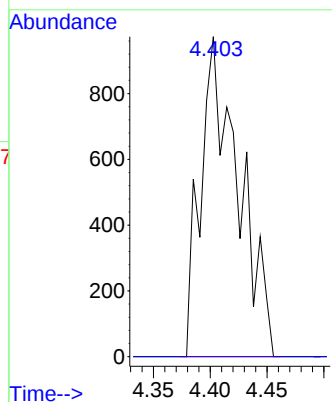
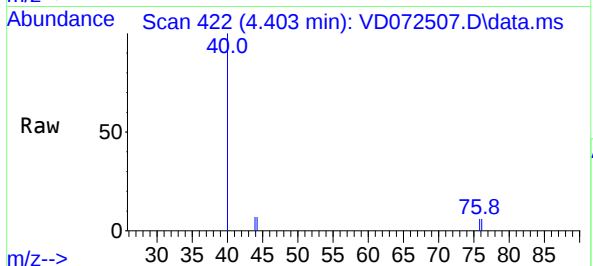




#17
Carbon Disulfide
Concen: 3.892 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

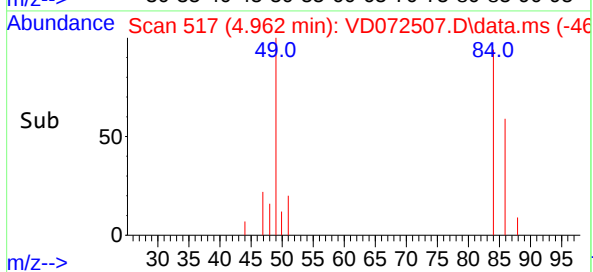
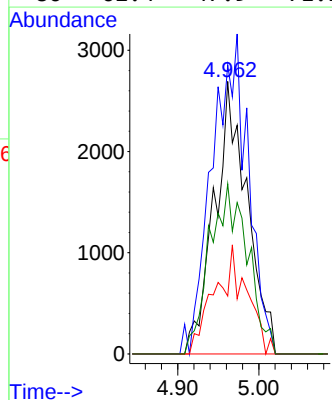
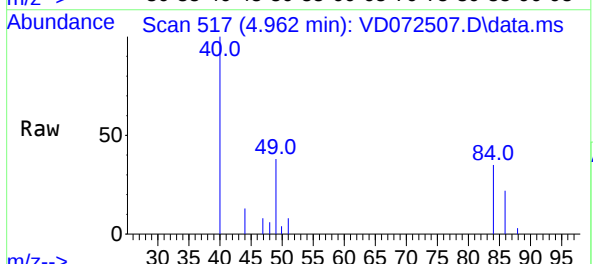
Instrument :
MSVOA_D
ClientSampleId :
SB-5

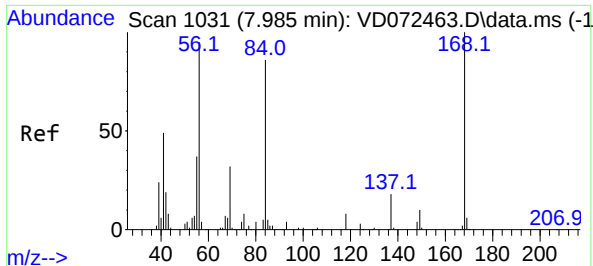
Tgt Ion: 76 Resp: 2253
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 1.394 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion: 84 Resp: 7554
Ion Ratio Lower Upper
84 100
49 106.0 112.8 169.2#
51 21.3 32.6 48.8#
86 62.4 47.9 71.9





#31

Cyclohexane

Concen: 1.438 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072507.D

Acq: 01 Apr 2022 17:18

Instrument :

MSVOA_D

ClientSampleId :

SB-5

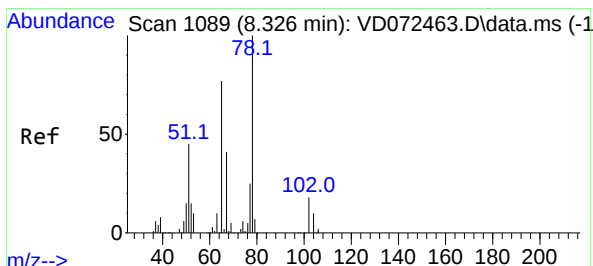
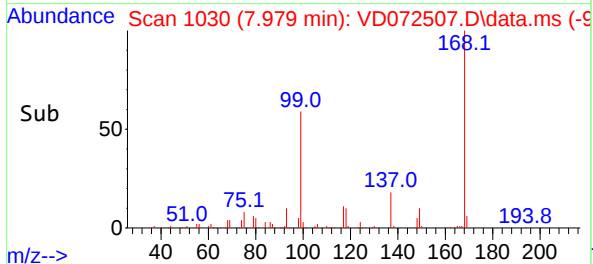
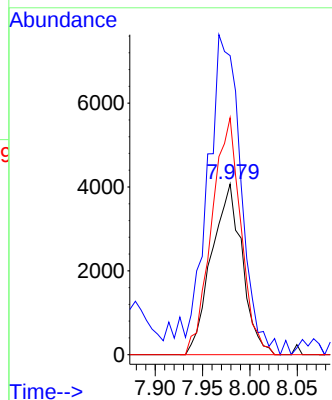
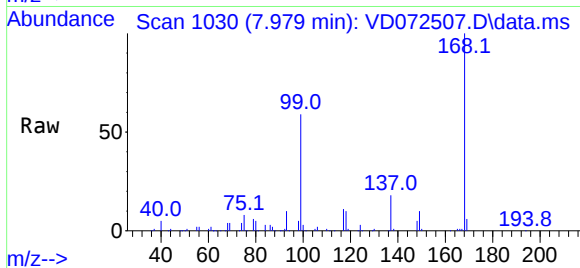
Tgt Ion: 56 Resp: 9177

Ion Ratio Lower Upper

56 100

69 175.2 25.4 38.2#

84 138.7 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 49.192 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072507.D

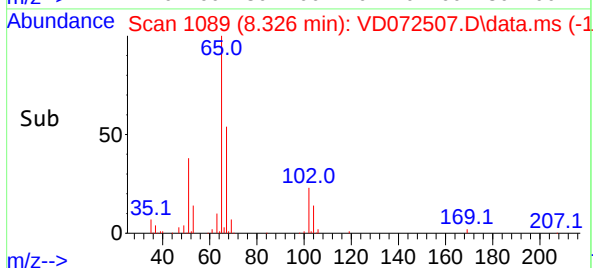
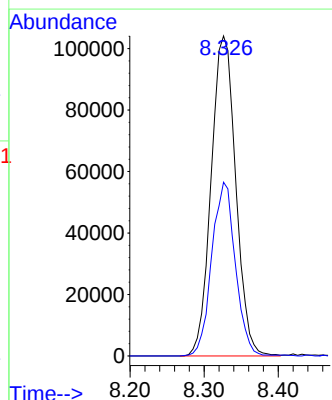
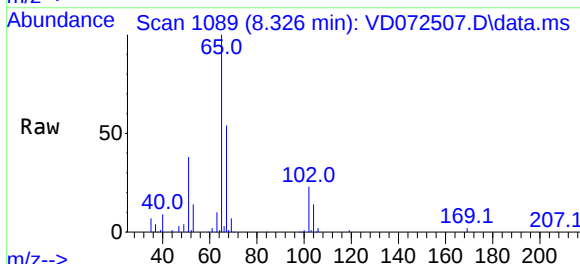
Acq: 01 Apr 2022 17:18

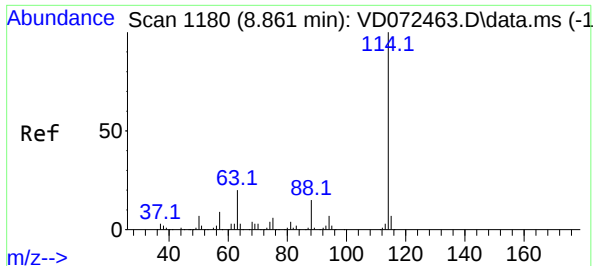
Tgt Ion: 65 Resp: 240075

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4

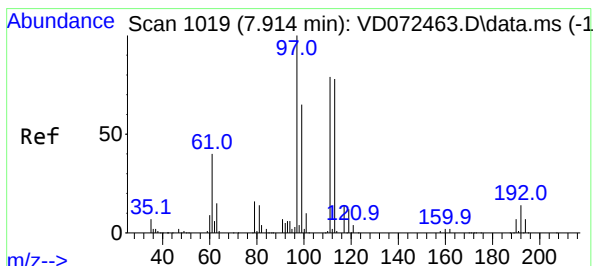
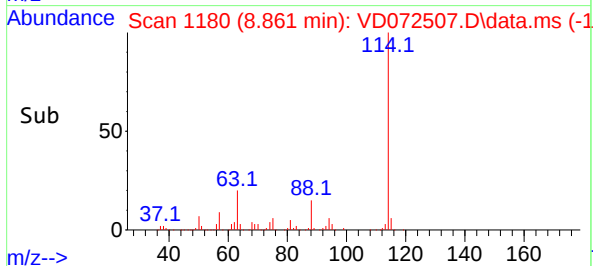
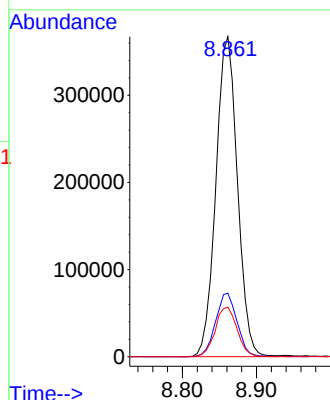
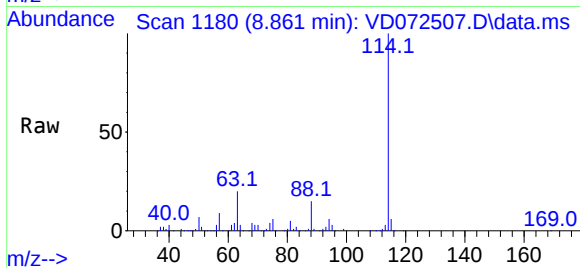




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

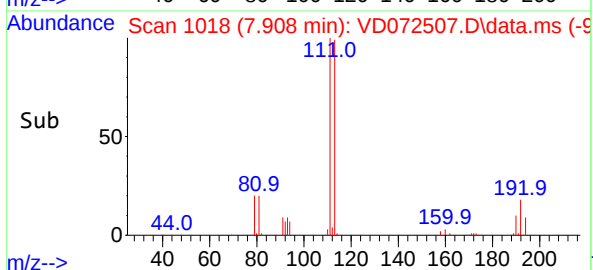
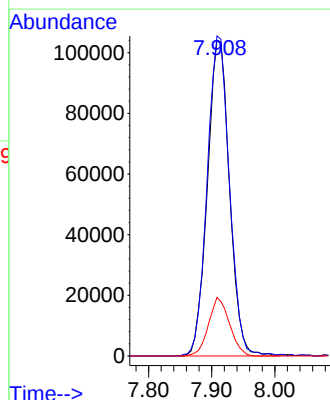
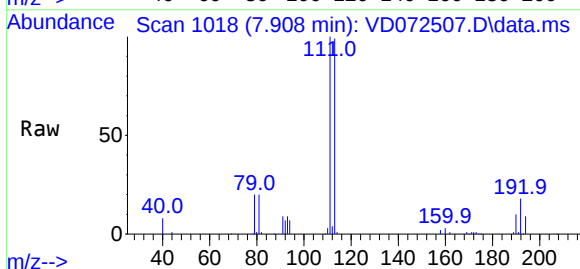
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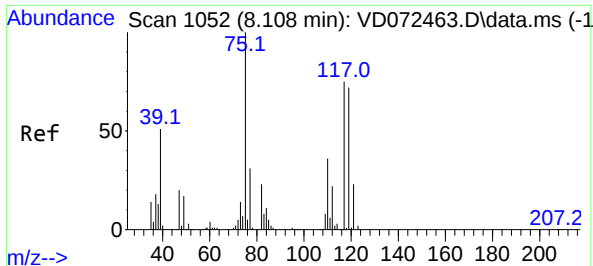
Tgt Ion:	114	Resp:	741618
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	46.6
88	15.5	0.0	33.2



#35
Dibromofluoromethane
Concen: 43.878 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion:	113	Resp:	252887
Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.8	125.6
192	17.6	14.6	21.8

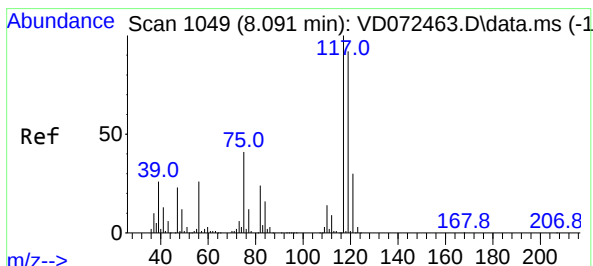
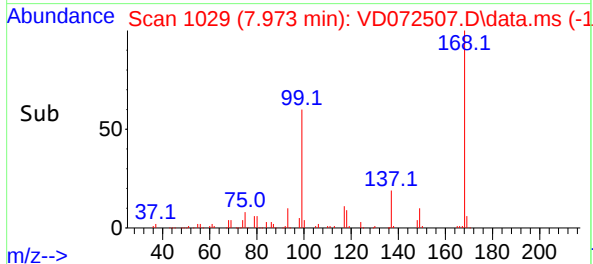
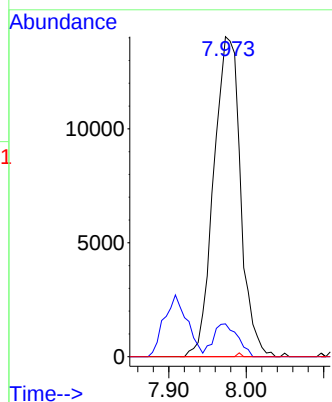
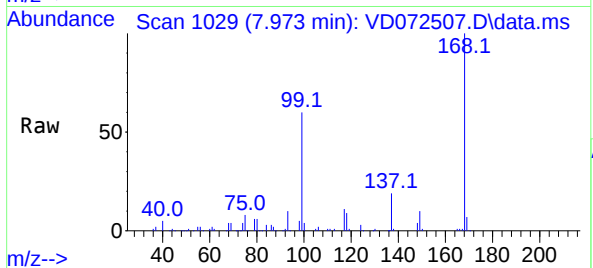




#36
1,1-Dichloropropene
Concen: 5.599 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

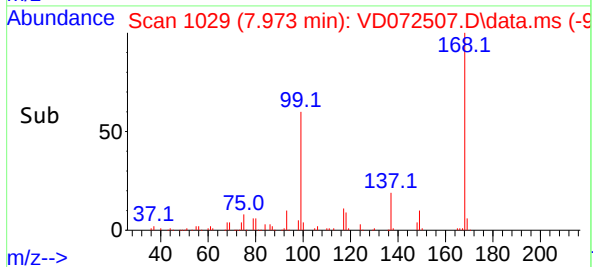
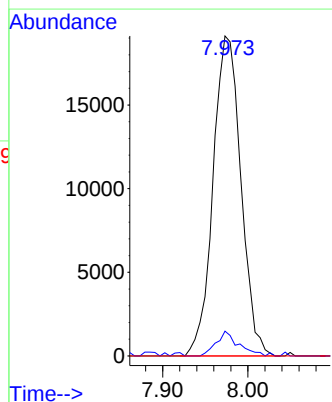
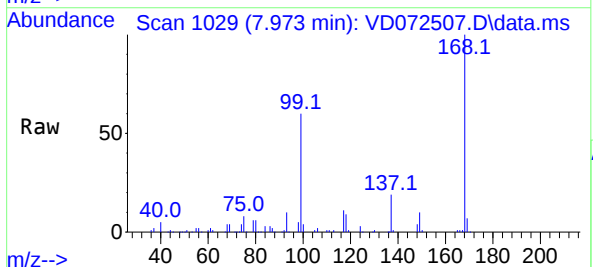
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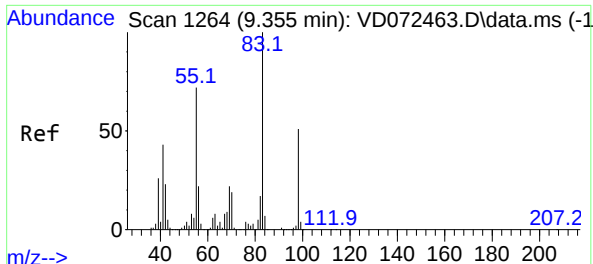
Tgt Ion: 75 Resp: 33718
Ion Ratio Lower Upper
75 100
110 9.3 16.4 49.1#
77 0.2 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.475 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion: 117 Resp: 43471
Ion Ratio Lower Upper
117 100
119 7.7 75.8 113.6#
121 0.0 24.5 36.7#

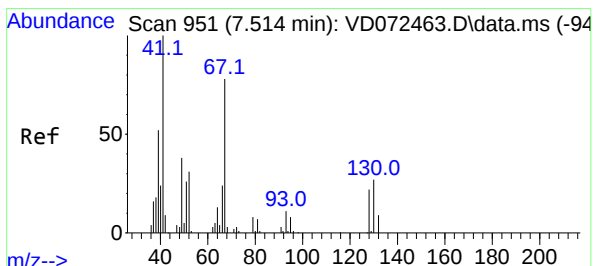
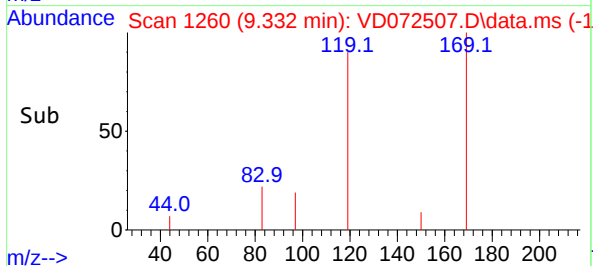
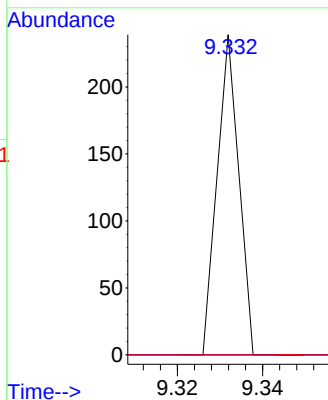
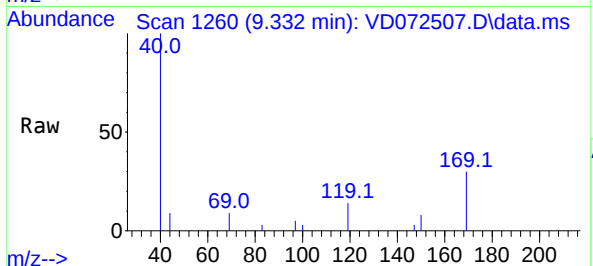




#39
Methylcyclohexane
Concen: 2.886 ug/l
RT: 9.332 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

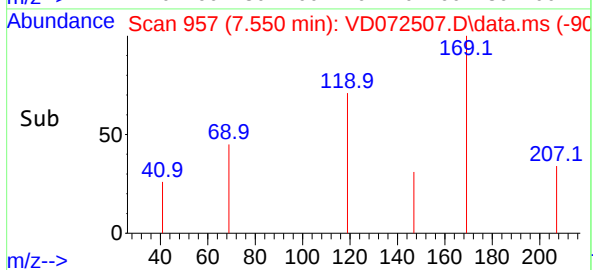
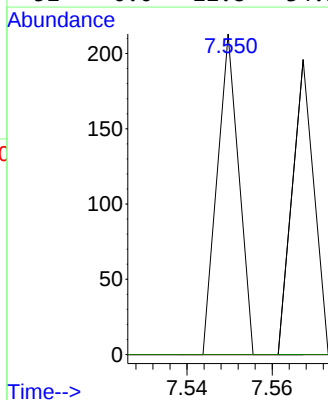
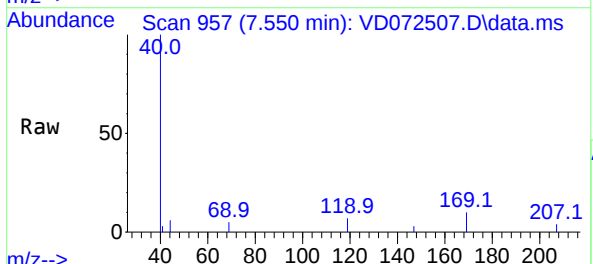
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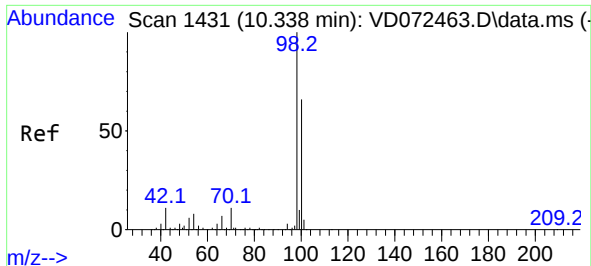
Tgt Ion:	83	Resp:	84
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.2	94.8#
98	0.0	38.2	57.4#



#41
Methacrylonitrile
Concen: 1.699 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.036 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion:	41	Resp:	75
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#

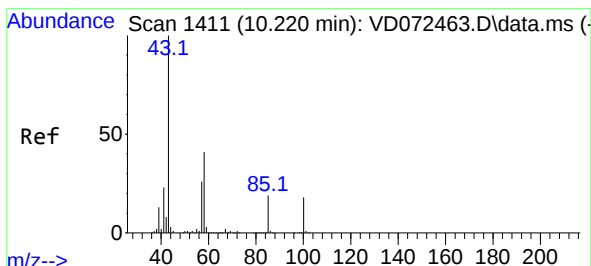
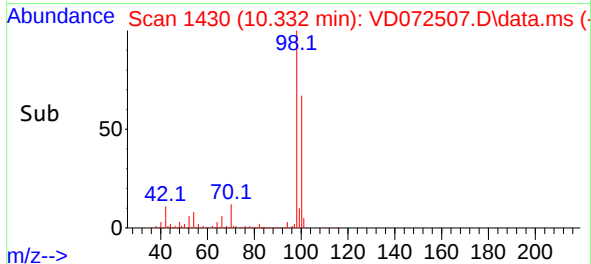
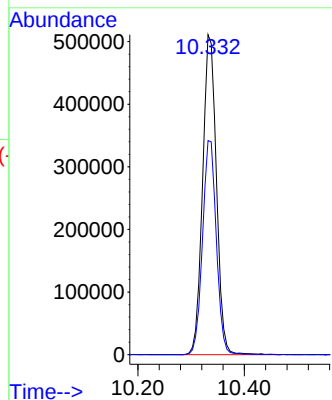
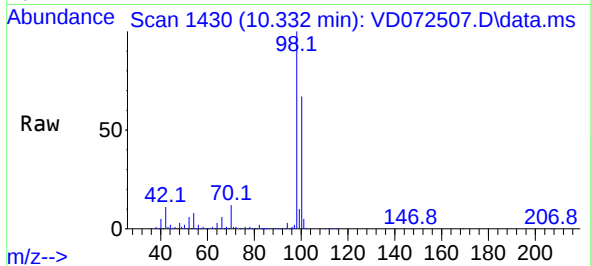




#50
Toluene-d8
Concen: 45.863 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

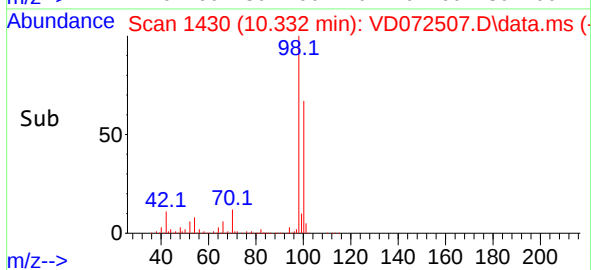
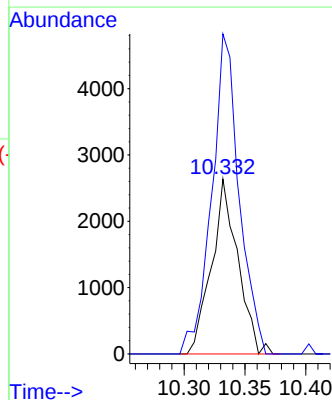
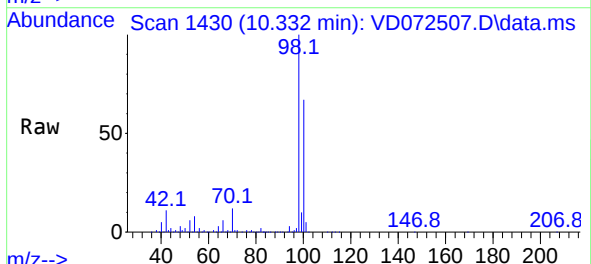
Instrument :
MSVOA_D
ClientSampleId :
SB-5

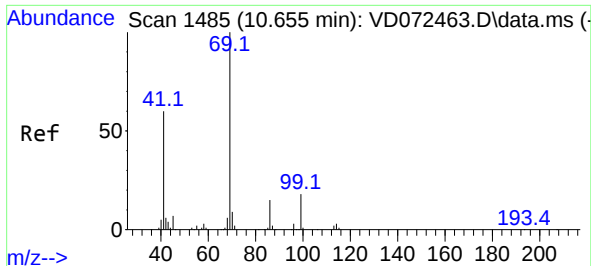
Tgt Ion: 98 Resp: 918825
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.260 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion: 43 Resp: 3961
Ion Ratio Lower Upper
43 100
58 190.7 28.6 43.0#

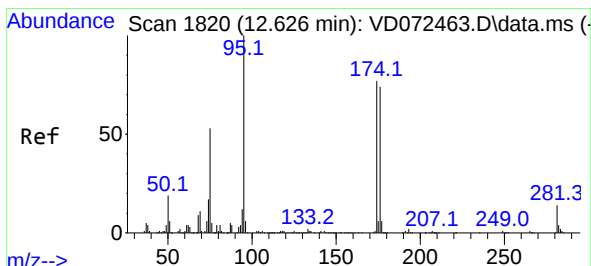
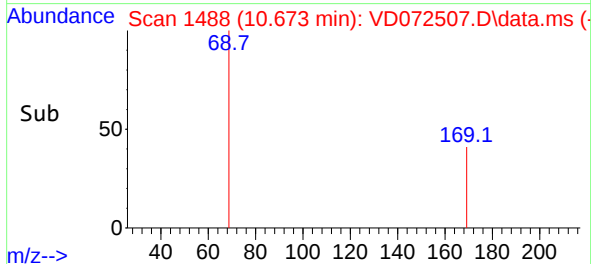
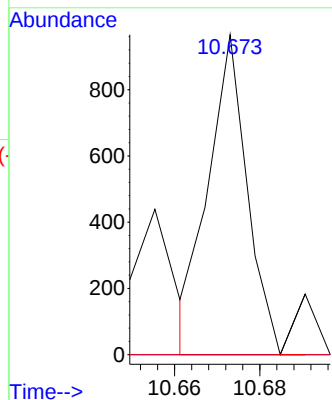
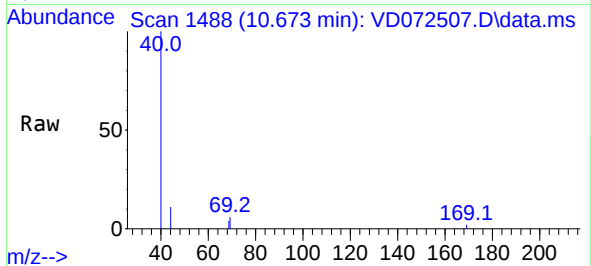




#56
Ethyl methacrylate
Concen: 1.298 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

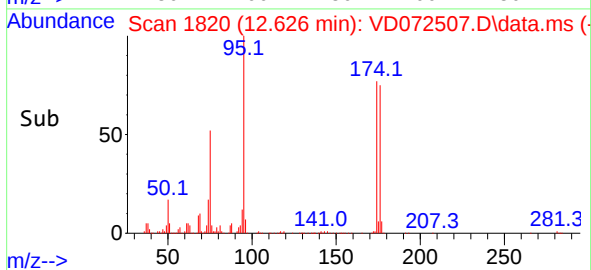
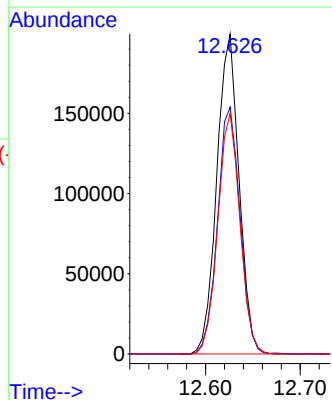
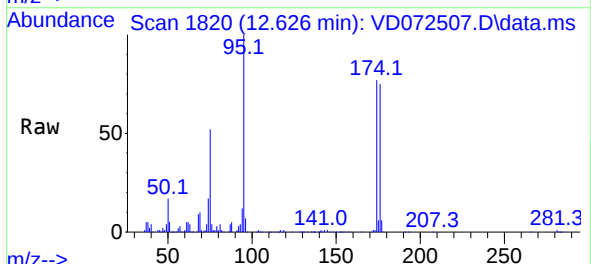
Instrument :
MSVOA_D
ClientSampleId :
SB-5

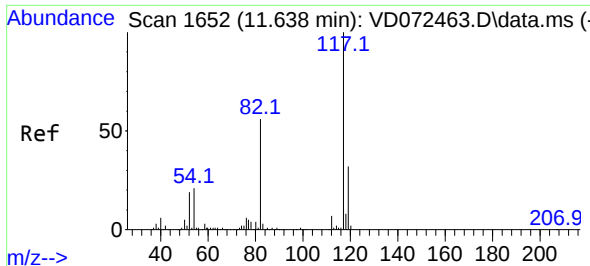
Tgt Ion: 69 Resp: 603
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 41.538 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion: 95 Resp: 325001
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 74.7 0.0 145.4

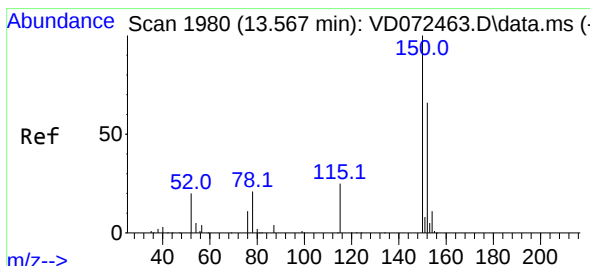
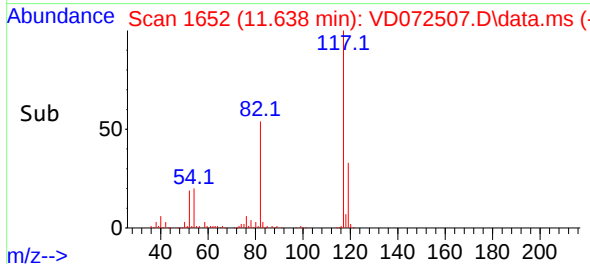
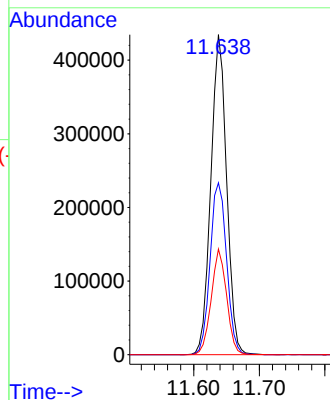
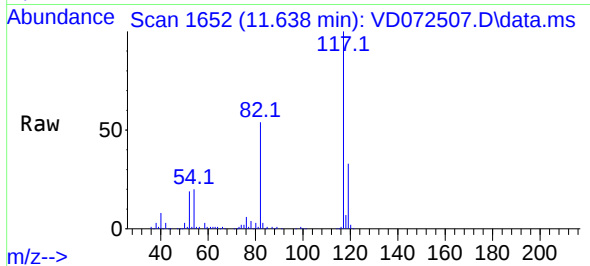




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

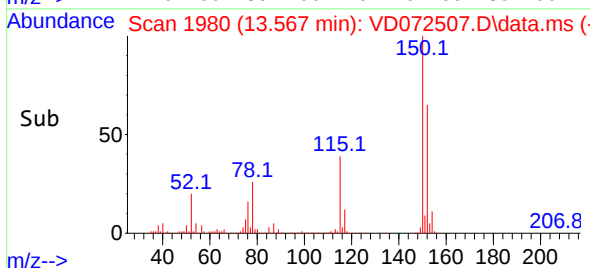
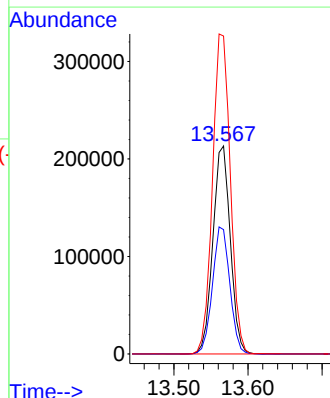
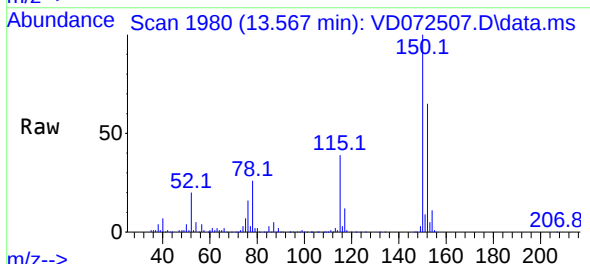
Instrument :
MSVOA_D
ClientSampleId :
SB-5

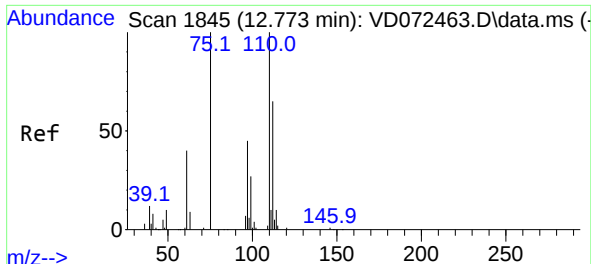
Tgt Ion:117 Resp: 726780
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion:152 Resp: 348358
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 157.1 0.0 348.6

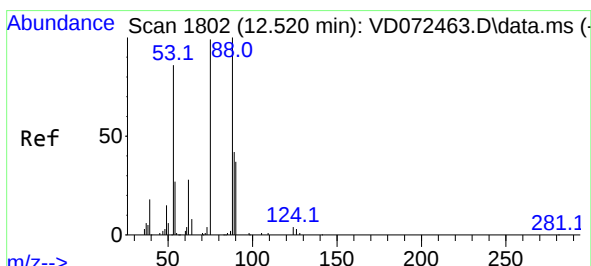
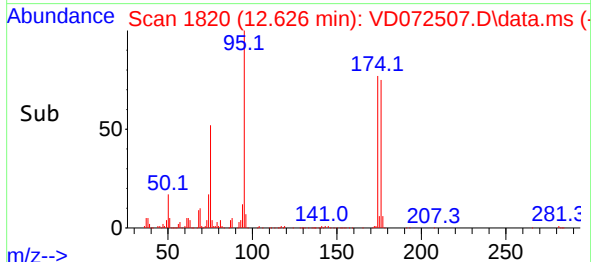
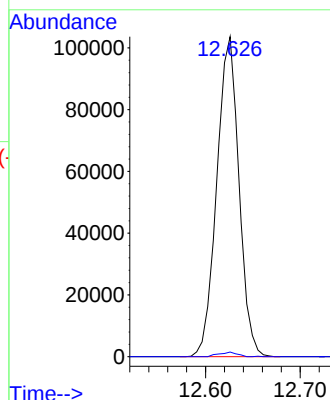
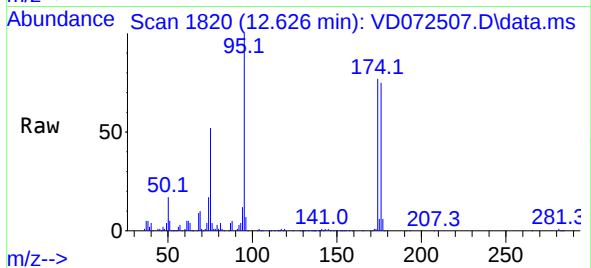




#76
1,2,3-Trichloropropane
Concen: 44.360 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion: 75 Resp: 168540
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.850 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072507.D
Acq: 01 Apr 2022 17:18

Tgt Ion: 75 Resp: 168540
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

