

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072499.D
 Acq On : 01 Apr 2022 13:31
 Operator : VA/SY
 Sample : N2217-01
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1D

Quant Time: Apr 02 02:37:09 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)

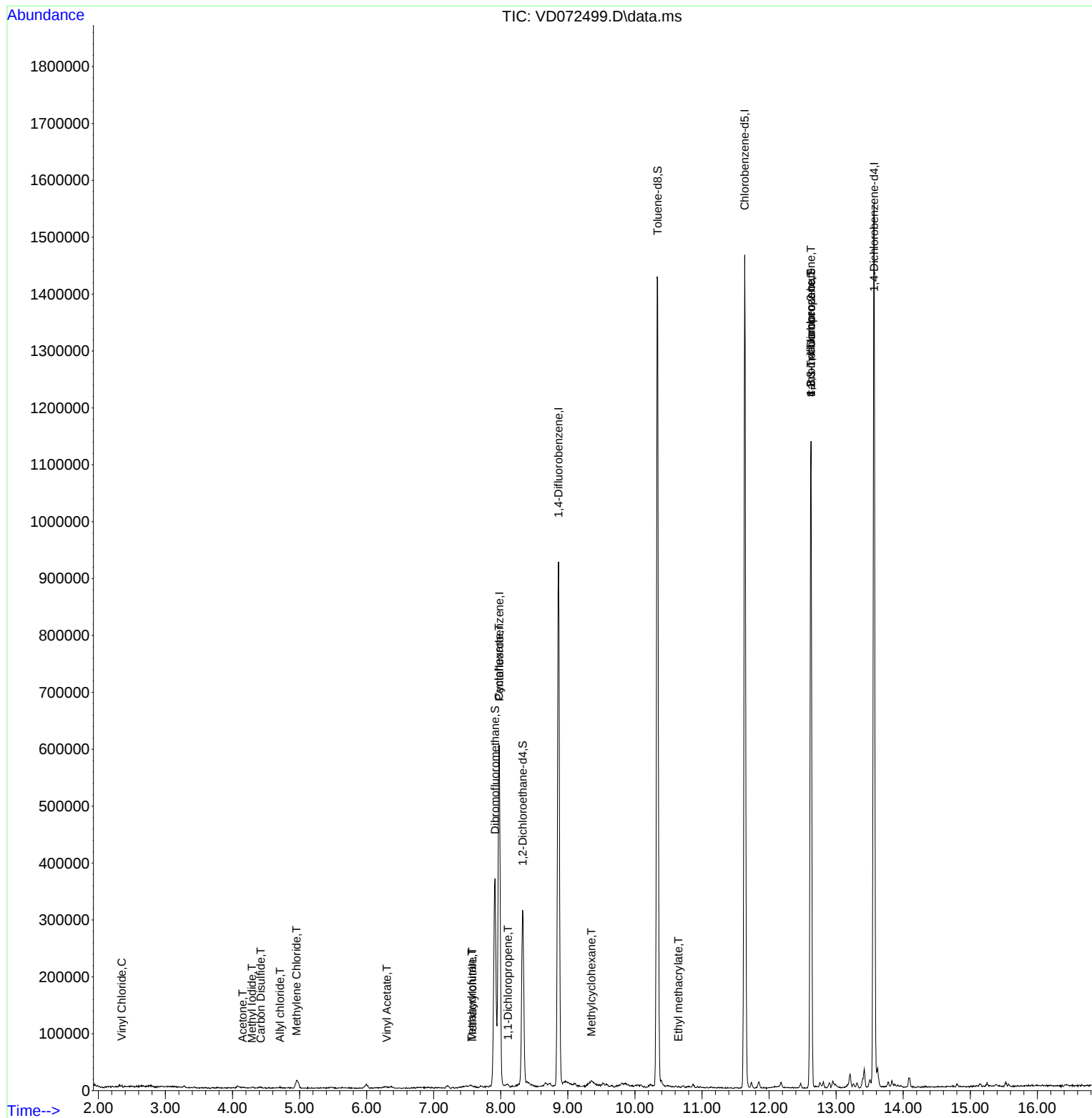
Internal Standards						
1) Pentafluorobenzene	7.979	168	442267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	806478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	849177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	422390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241420	45.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.240%		
35) Dibromofluoromethane	7.914	113	261130	41.664	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.320%		
50) Toluene-d8	10.338	98	1003589	46.066	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.140%		
62) 4-Bromofluorobenzene	12.626	95	392924	46.181	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.360%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.350	62	1120	1.245	ug/l #	84
10) Methyl Iodide	4.291	142	2520	4.223	ug/l #	85
14) Allyl chloride	4.708	41	838	1.244	ug/l #	85
16) Acetone	4.150	43	2966	2.973	ug/l	92
17) Carbon Disulfide	4.420	76	3789	4.034	ug/l #	94
20) Methylene Chloride	4.955	84	11396	1.919	ug/l #	74
23) Vinyl Acetate	6.302	43	1968	6.512	ug/l #	75
29) Tetrahydrofuran	7.567	42	848	1.018	ug/l #	62
31) Cyclohexane	7.973	56	10419	1.489	ug/l #	4
36) 1,1-Dichloropropene	8.108	75	1873	1.353	ug/l #	69
39) Methylcyclohexane	9.349	83	1842	3.063	ug/l #	73
41) Methacrylonitrile	7.579	41	95	1.705	ug/l #	1
56) Ethyl methacrylate	10.649	69	437	1.262	ug/l	99
76) 1,2,3-Trichloropropane	12.626	75	198745	43.141	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	198745	105.860	ug/l #	7

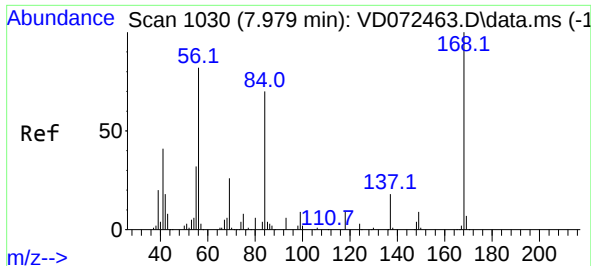
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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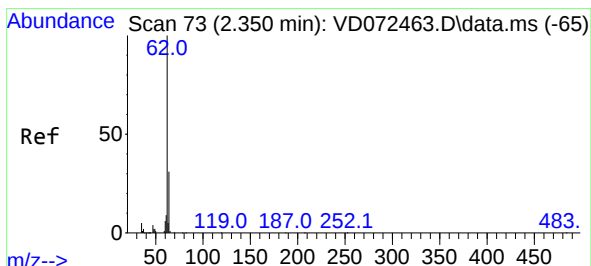
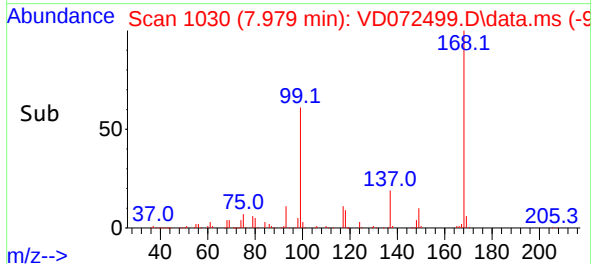
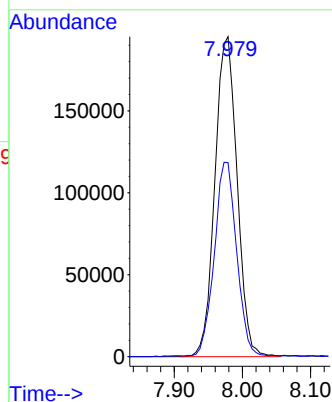
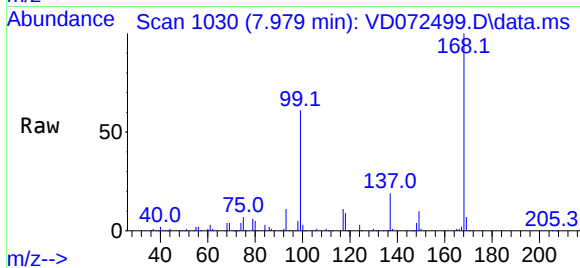




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

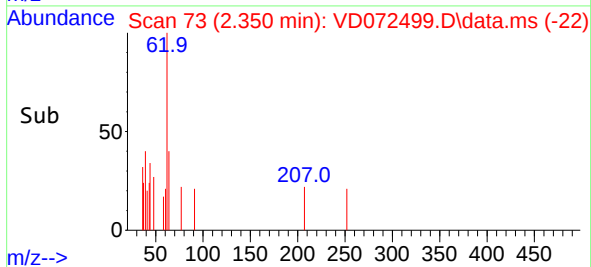
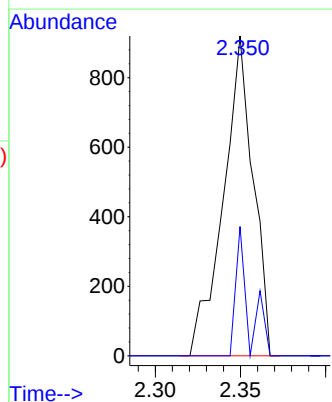
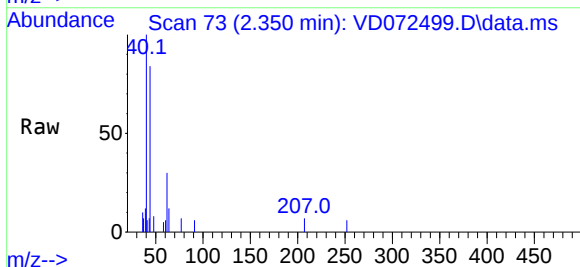
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

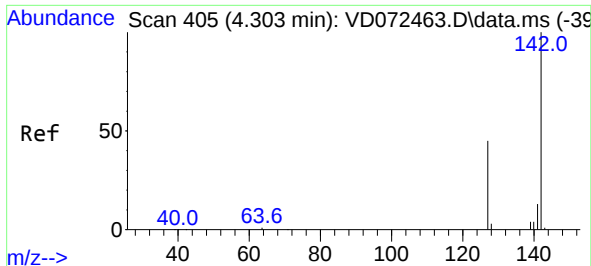
Tgt Ion:168 Resp: 442267
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#4
Vinyl Chloride
Concen: 1.245 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 62 Resp: 1120
Ion Ratio Lower Upper
62 100
64 40.4 25.4 38.0#

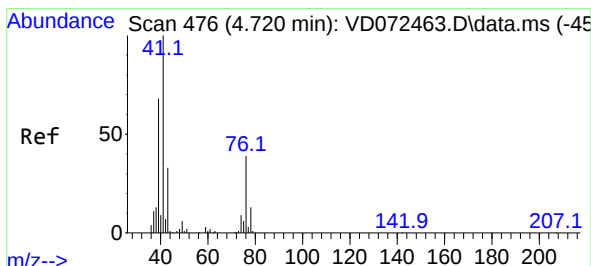
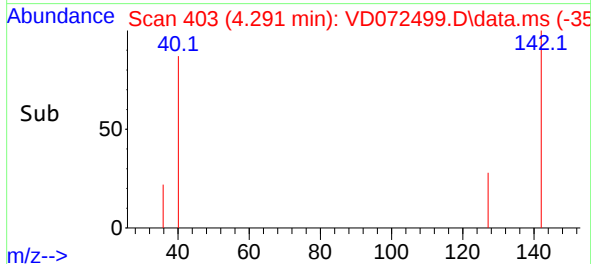
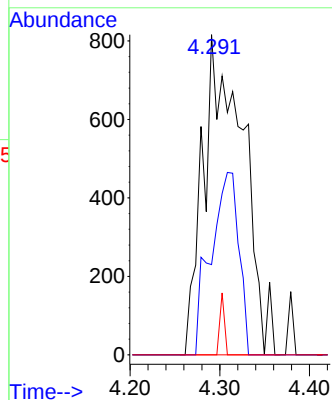
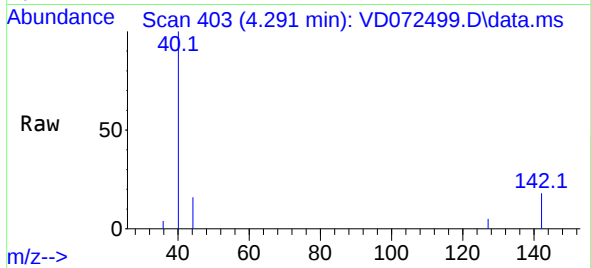




#10
Methyl Iodide
Concen: 4.223 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

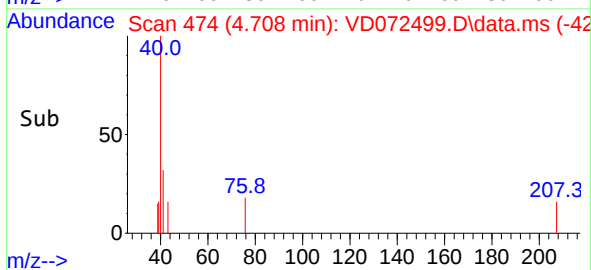
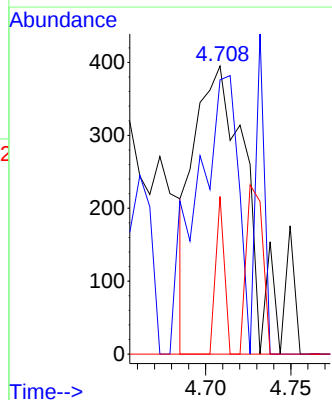
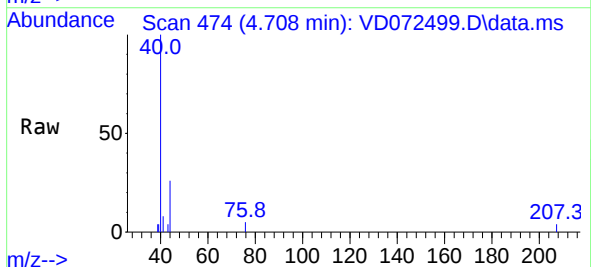
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

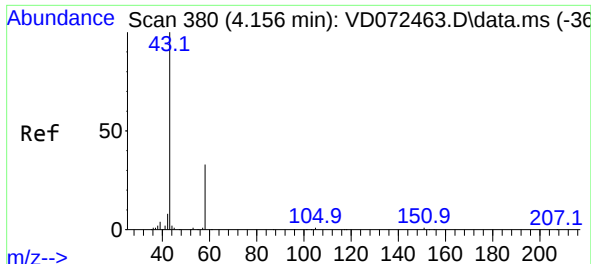
Tgt Ion:142 Resp: 2520
Ion Ratio Lower Upper
142 100
127 40.1 37.3 55.9
141 2.2 11.7 17.5#



#14
Allyl chloride
Concen: 1.244 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 41 Resp: 838
Ion Ratio Lower Upper
41 100
39 77.7 59.3 88.9
76 9.1 25.7 38.5#

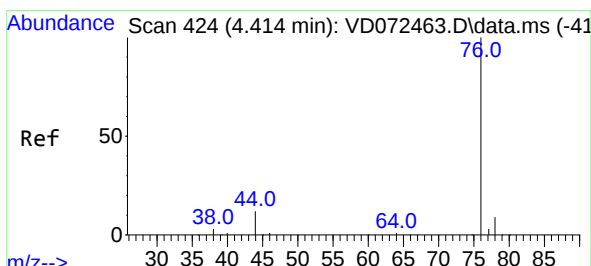
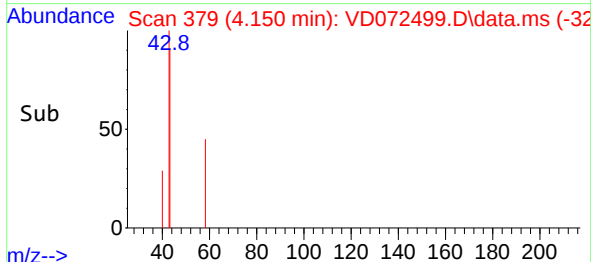
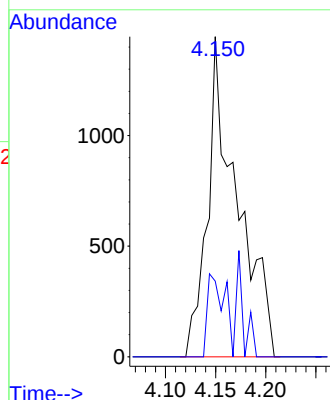
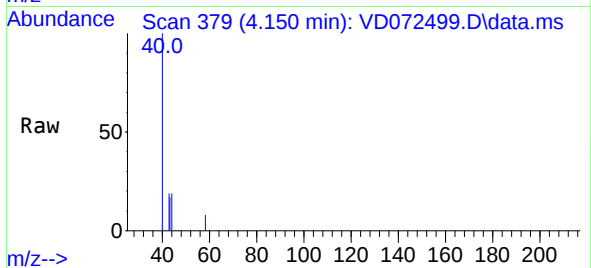




#16
Acetone
Concen: 2.973 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

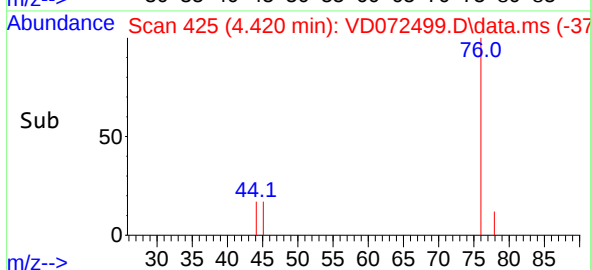
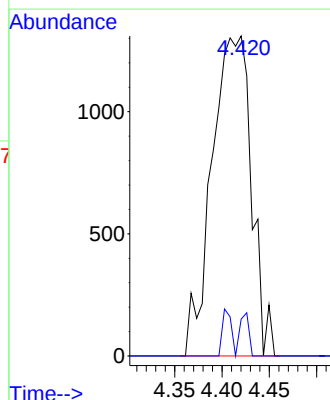
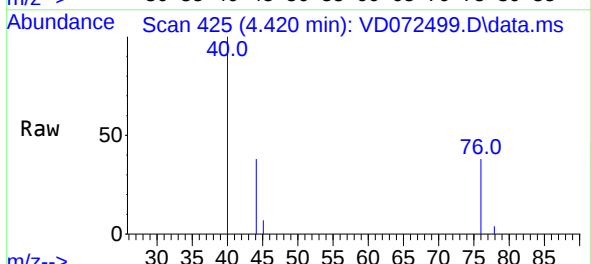
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

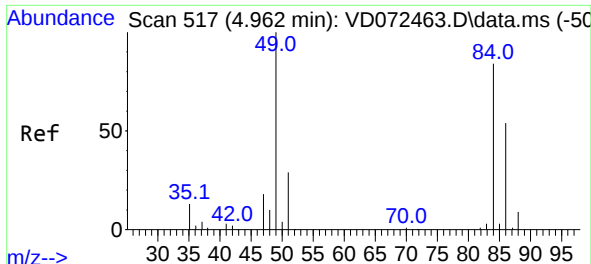
Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
58 23.6 22.1 33.1



#17
Carbon Disulfide
Concen: 4.034 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 76 Resp: 3789
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#



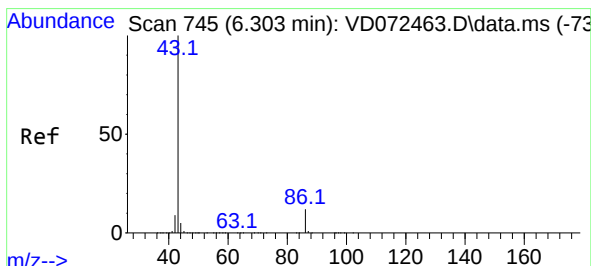
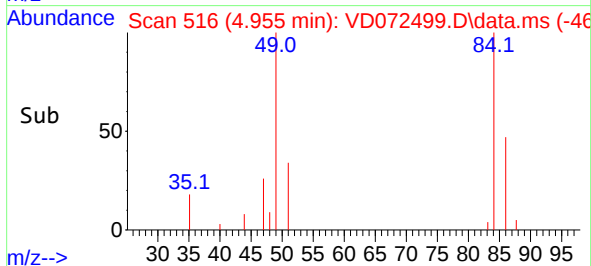
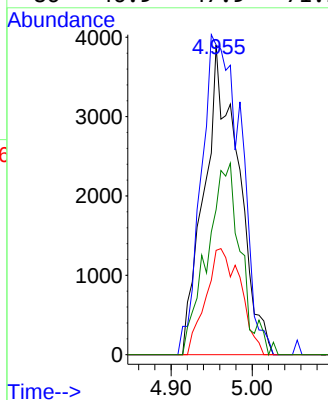
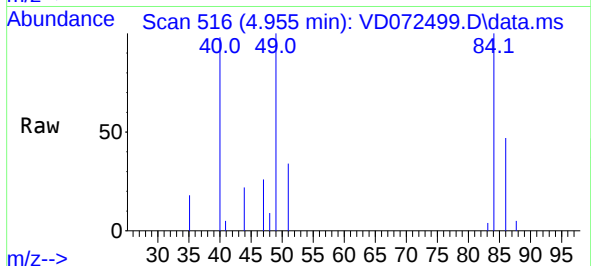


#20
Methylene Chloride
Concen: 1.919 ug/l
RT: 4.955 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
SB-1D

Tgt Ion: 84 Resp: 11396

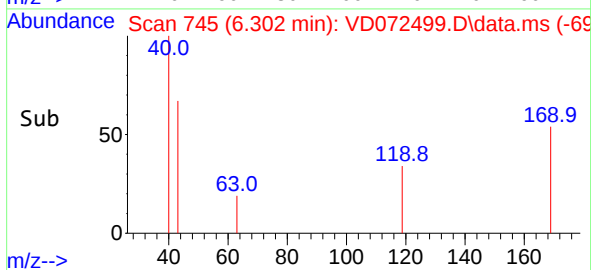
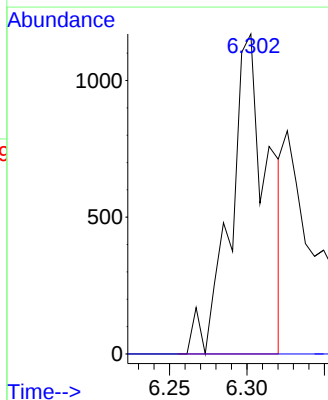
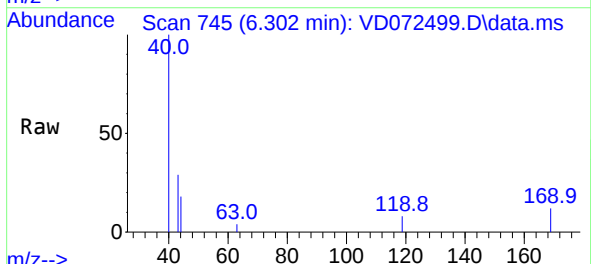
Ion	Ratio	Lower	Upper
84	100		
49	100.1	112.8	169.2#
51	33.7	32.6	48.8
86	46.9	47.9	71.9#

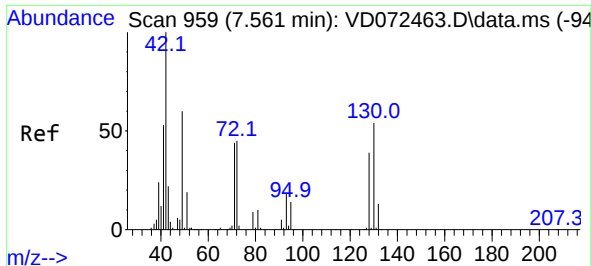


#23
Vinyl Acetate
Concen: 6.512 ug/l
RT: 6.302 min Scan# 745
Delta R.T. -0.001 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 43 Resp: 1968

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#





#29

Tetrahydrofuran

Concen: 1.018 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD072499.D

Acq: 01 Apr 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

SB-1D

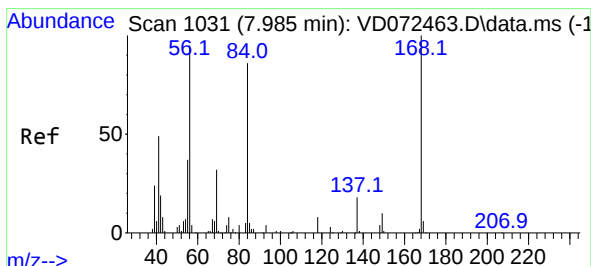
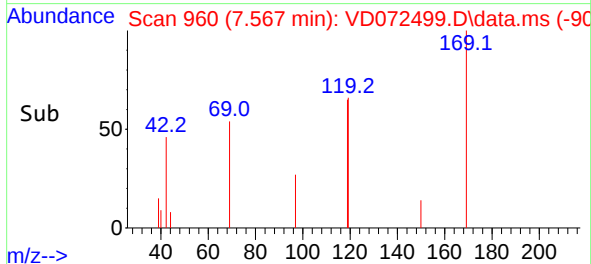
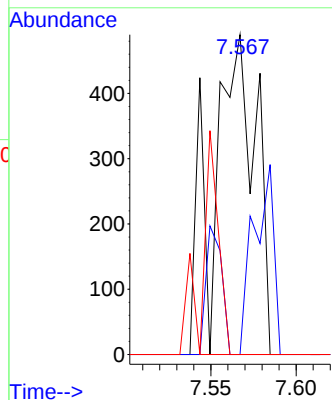
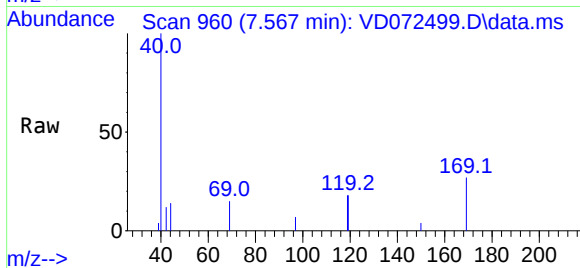
Tgt Ion: 42 Resp: 848

Ion Ratio Lower Upper

42 100

72 28.1 30.7 46.1#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 1.489 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD072499.D

Acq: 01 Apr 2022 13:31

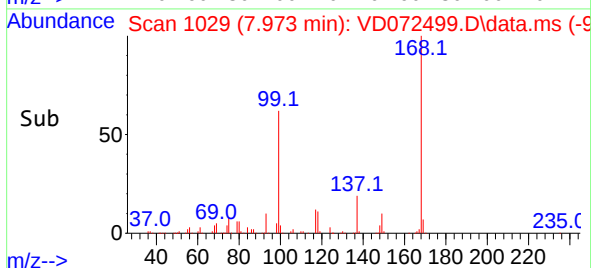
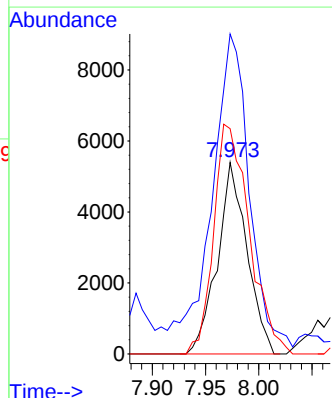
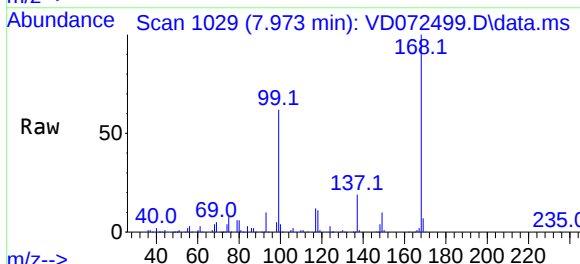
Tgt Ion: 56 Resp: 10419

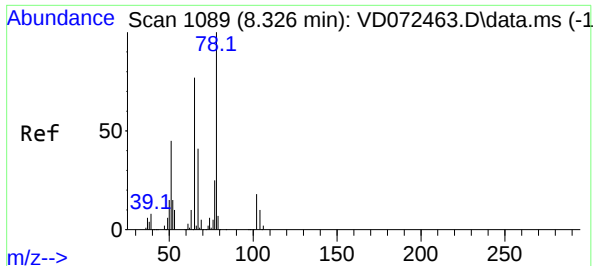
Ion Ratio Lower Upper

56 100

69 156.0 25.4 38.2#

84 117.6 63.0 94.4#

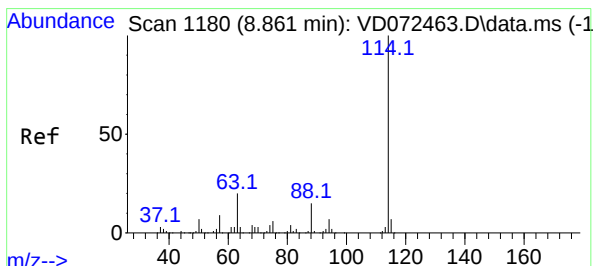
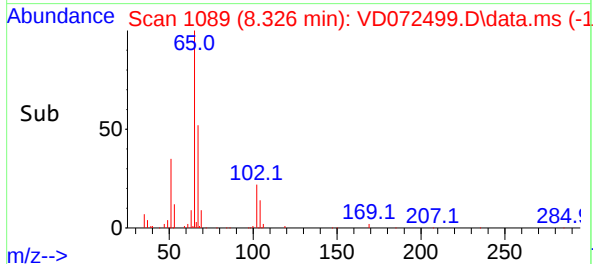
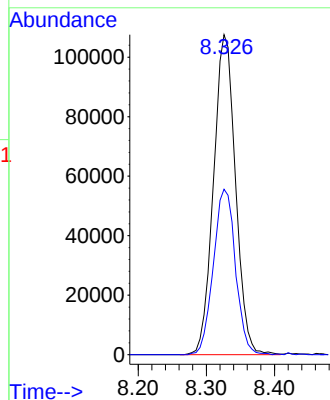
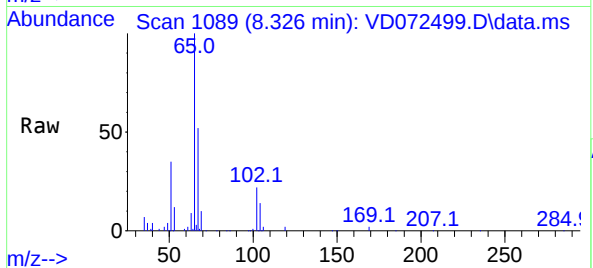




#33
1,2-Dichloroethane-d4
Concen: 45.125 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

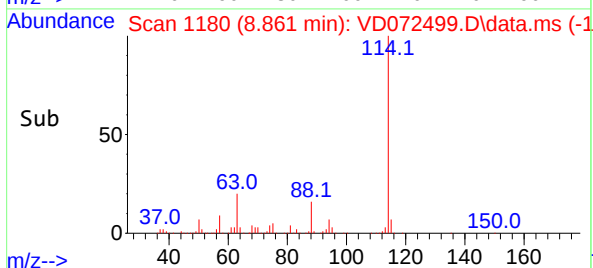
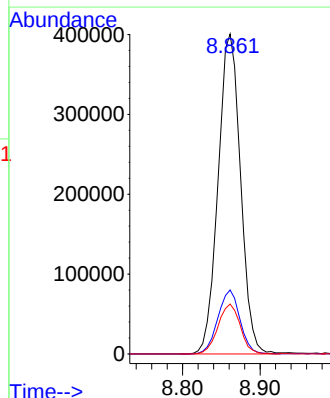
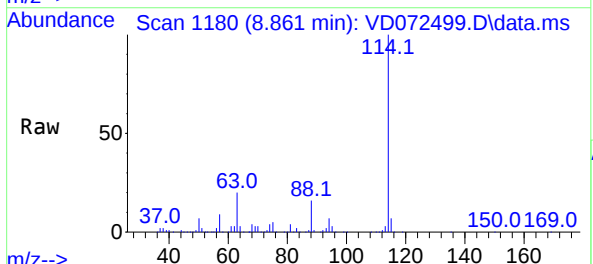
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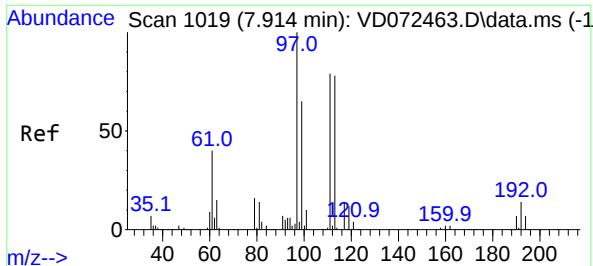
Tgt Ion: 65 Resp: 241420
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 114 Resp: 806478
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 15.6 0.0 33.2

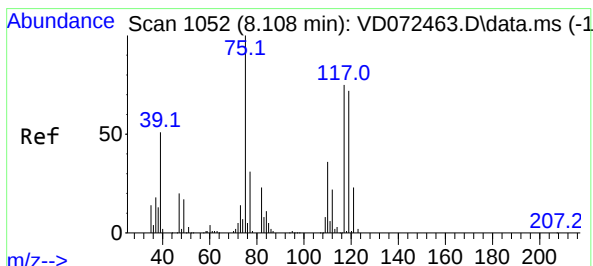
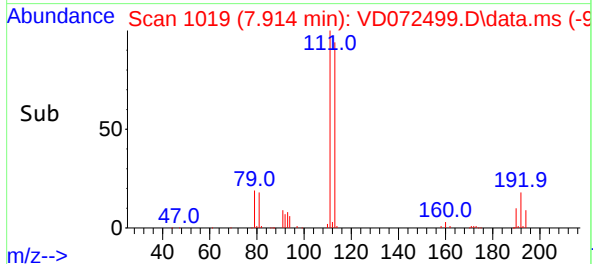
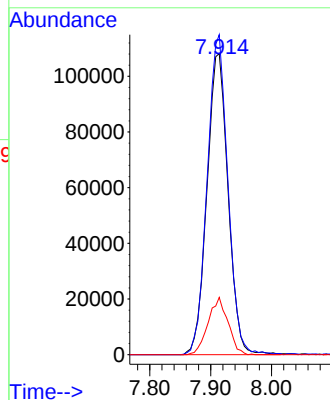
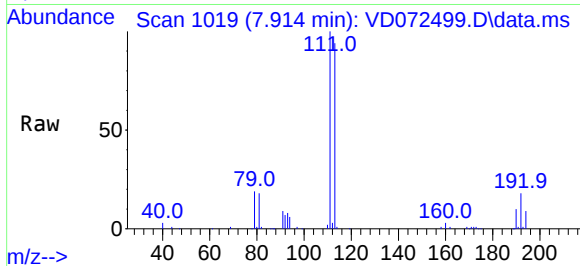




#35
Dibromofluoromethane
Concen: 41.664 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

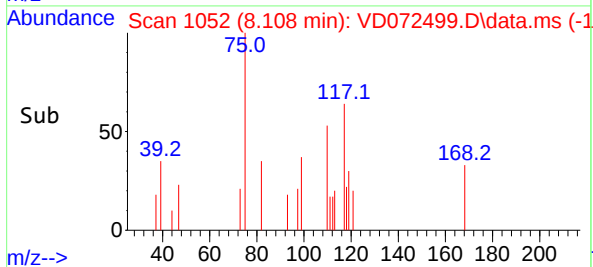
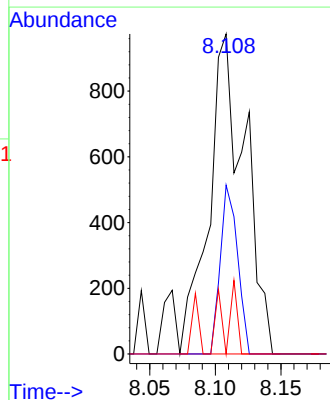
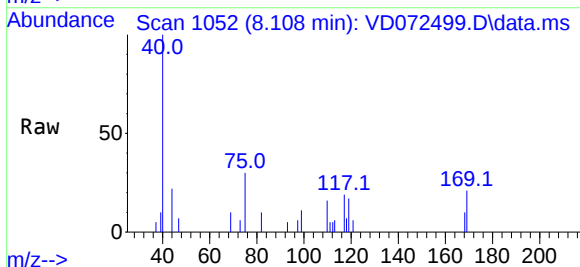
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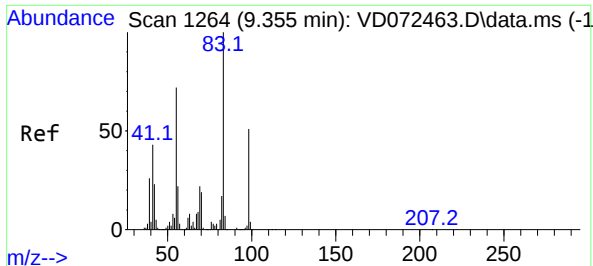
Tgt Ion:113 Resp: 261130
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 17.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 1.353 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 75 Resp: 1873
Ion Ratio Lower Upper
75 100
110 25.0 16.4 49.1
77 3.7 24.2 36.2#

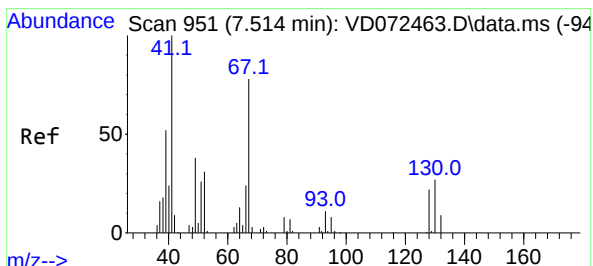
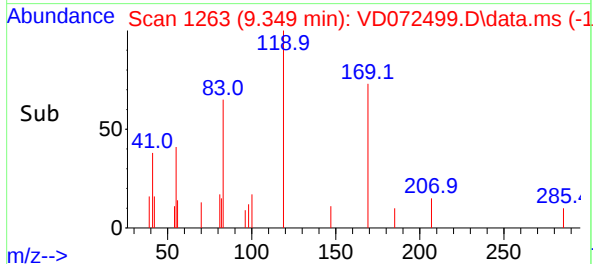
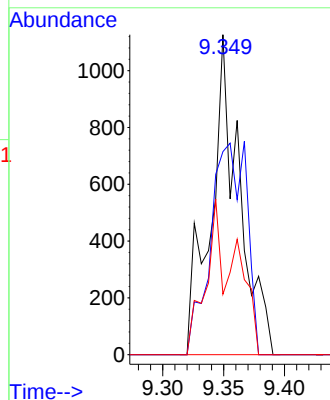
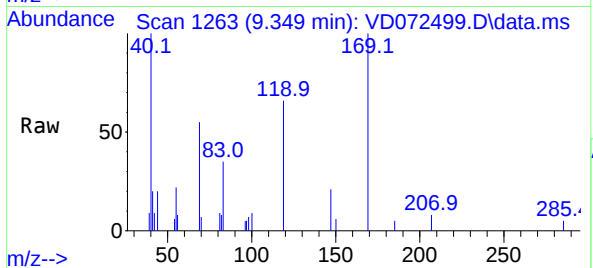




#39
Methylcyclohexane
Concen: 3.063 ug/l
RT: 9.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

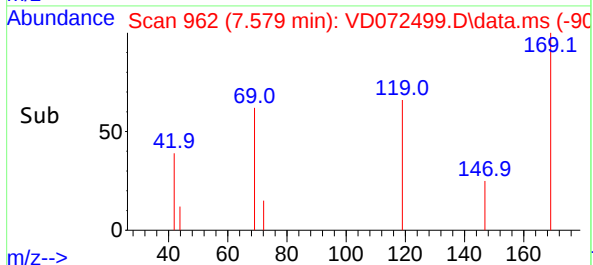
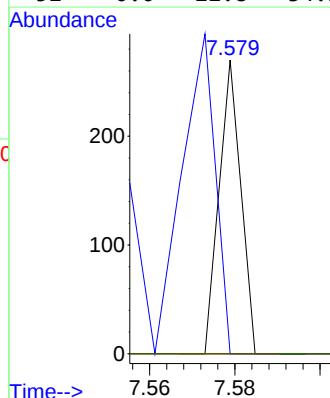
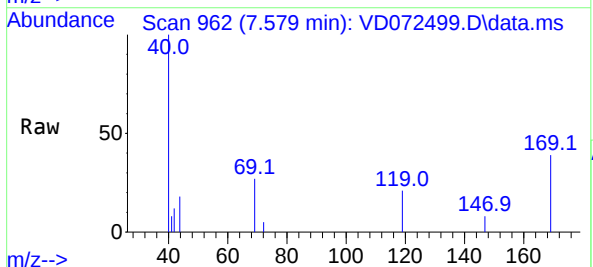
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

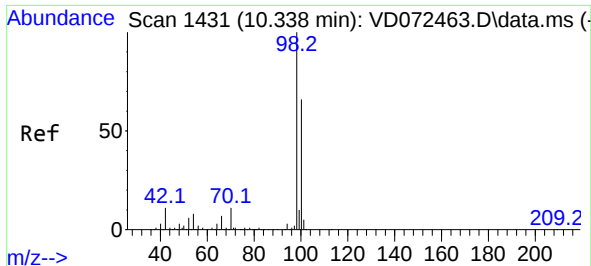
Tgt Ion: 83	Resp:	1842
Ion	Ratio	Lower Upper
83	100	
55	63.4	63.2 94.8
98	18.9	38.2 57.4#



#41
Methacrylonitrile
Concen: 1.705 ug/l
RT: 7.579 min Scan# 962
Delta R.T. 0.065 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 41	Resp:	95
Ion	Ratio	Lower Upper
41	100	
39	168.4	44.6 67.0#
67	0.0	48.2 72.4#
52	0.0	22.8 34.2#

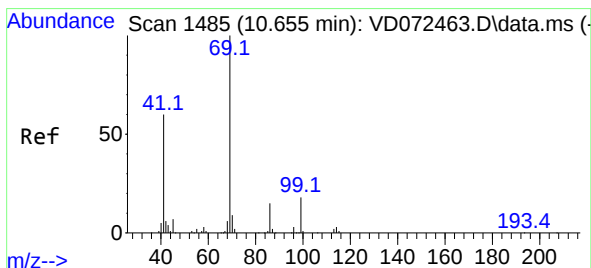
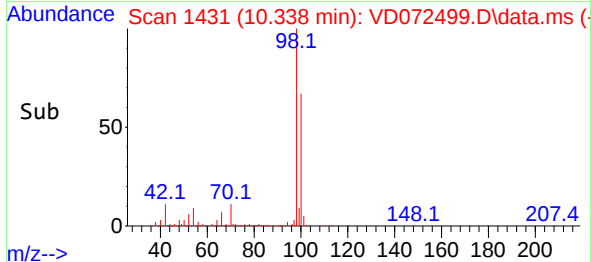
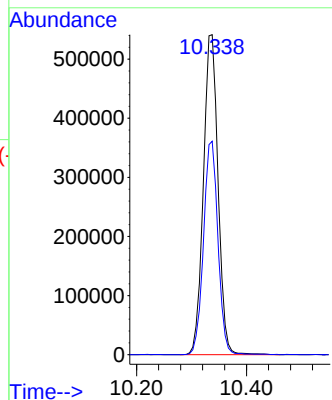
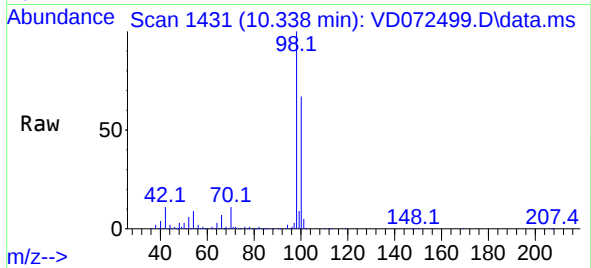




#50
Toluene-d8
Concen: 46.066 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

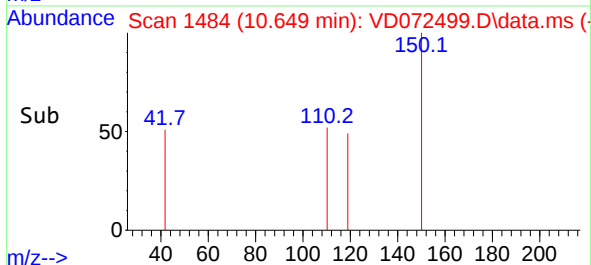
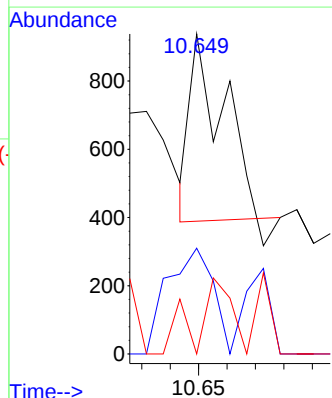
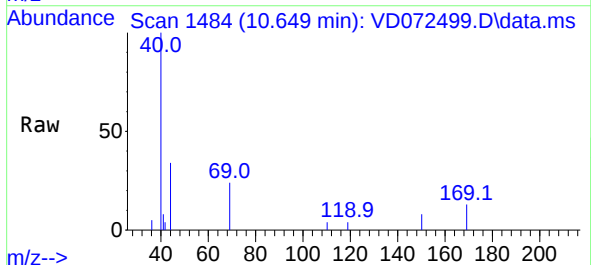
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

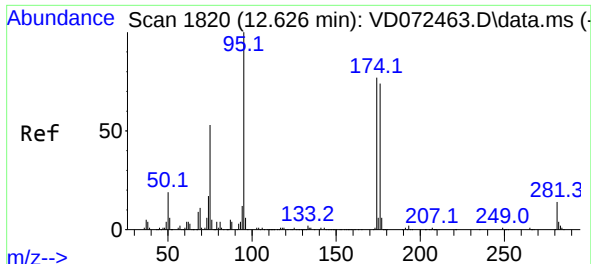
Tgt Ion: 98 Resp: 1003589
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#56
Ethyl methacrylate
Concen: 1.262 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 69 Resp: 437
Ion Ratio Lower Upper
69 100
41 79.2 63.0 94.6
39 44.2 33.8 50.8

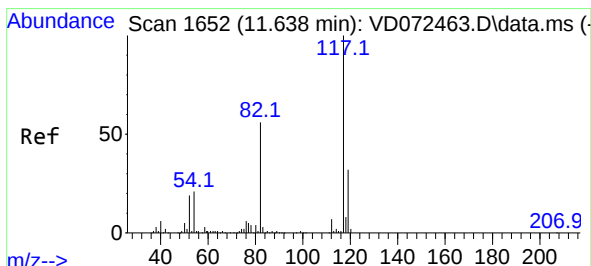
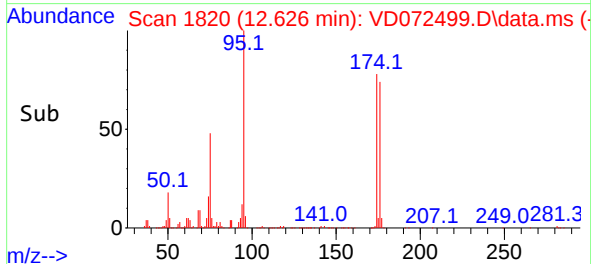
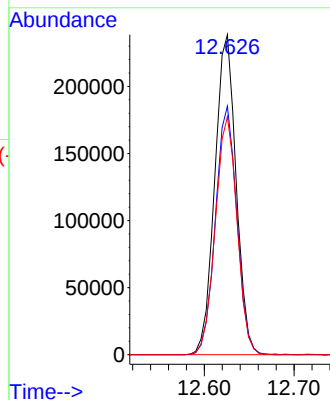
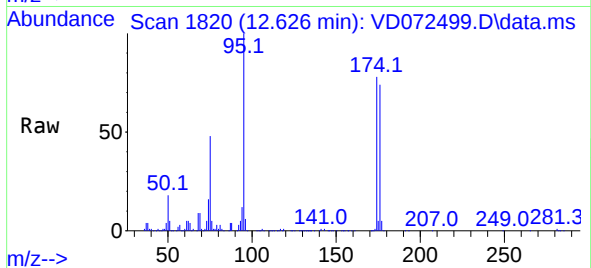




#62
4-Bromofluorobenzene
Concen: 46.181 ug/l
RT: 12.626 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

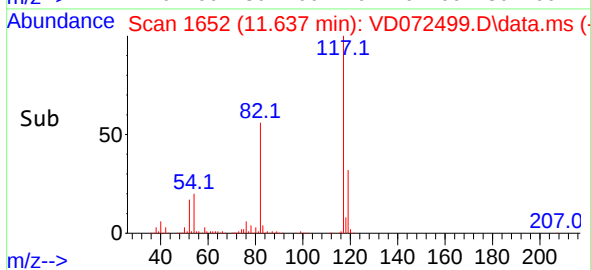
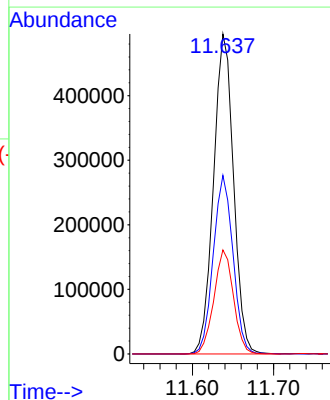
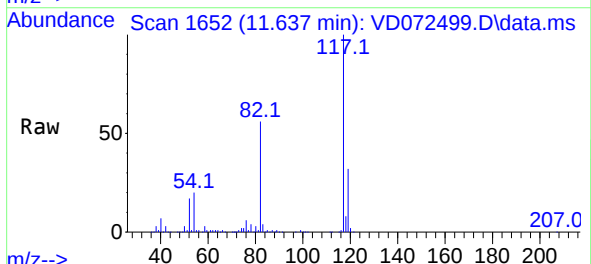
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

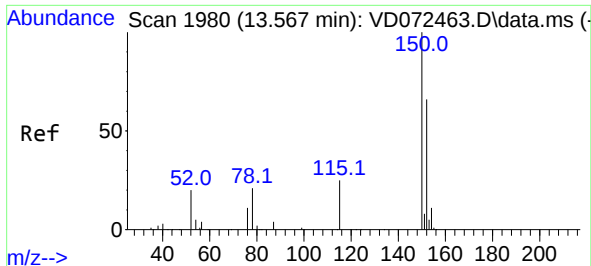
Tgt Ion: 95 Resp: 392924
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

Tgt Ion: 117 Resp: 849177
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.5 26.6 40.0

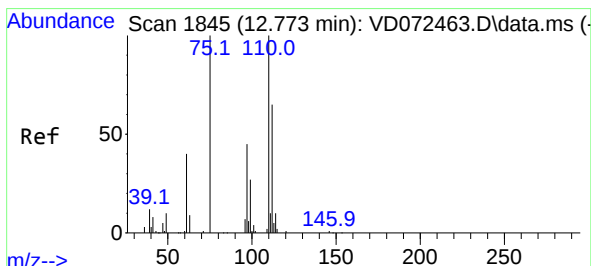
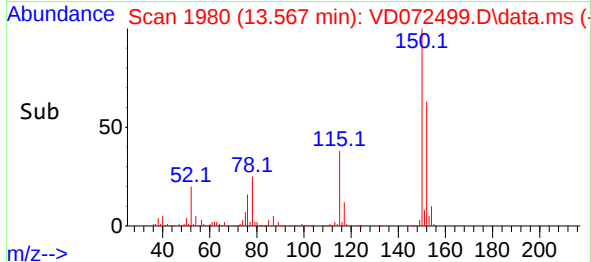
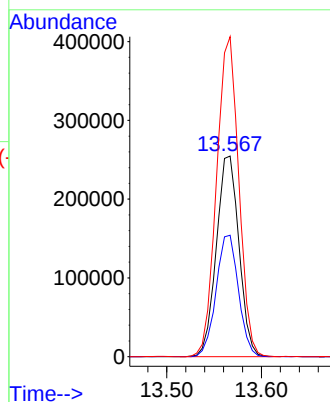
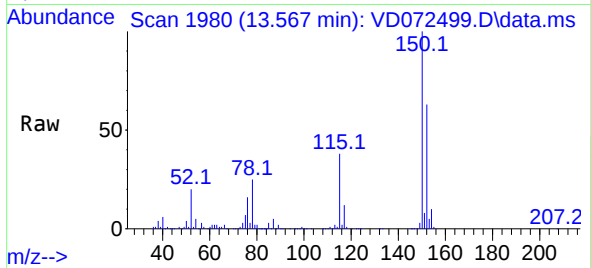




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

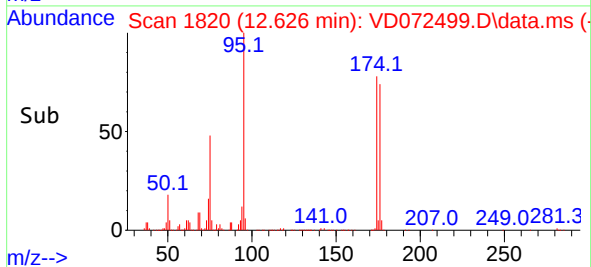
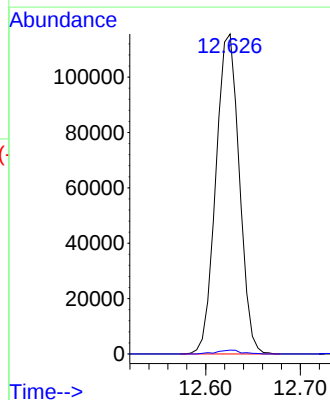
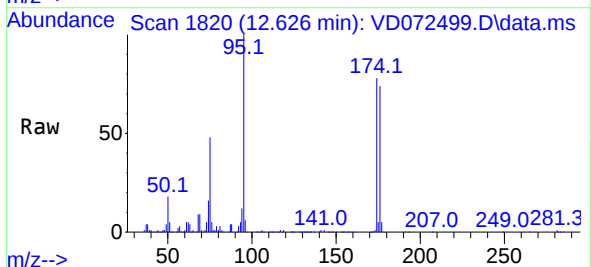
Instrument :
MSVOA_D
ClientSampleId :
SB-1D

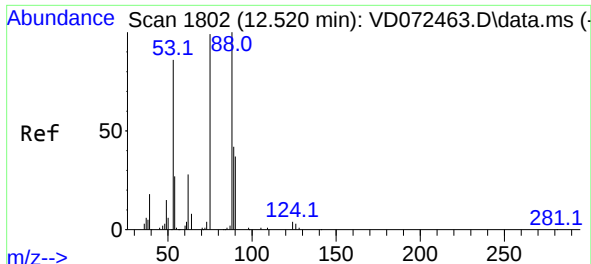
Tgt Ion:152 Resp: 422390
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 156.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 43.141 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072499.D
Acq: 01 Apr 2022 13:31

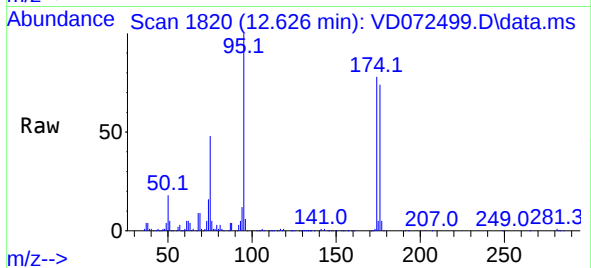
Tgt Ion: 75 Resp: 198745
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.860 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072499.D
 Acq: 01 Apr 2022 13:31

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1D



Tgt Ion: 75 Resp: 198745
 Ion Ratio Lower Upper
 75 100
 53 0.3 86.5 129.7#
 89 0.0 33.9 50.9#

