

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072522.D
 Acq On : 04 Apr 2022 16:51
 Operator : VA/SY
 Sample : N2226-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PFS-TP

Quant Time: Apr 05 03:21:11 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)

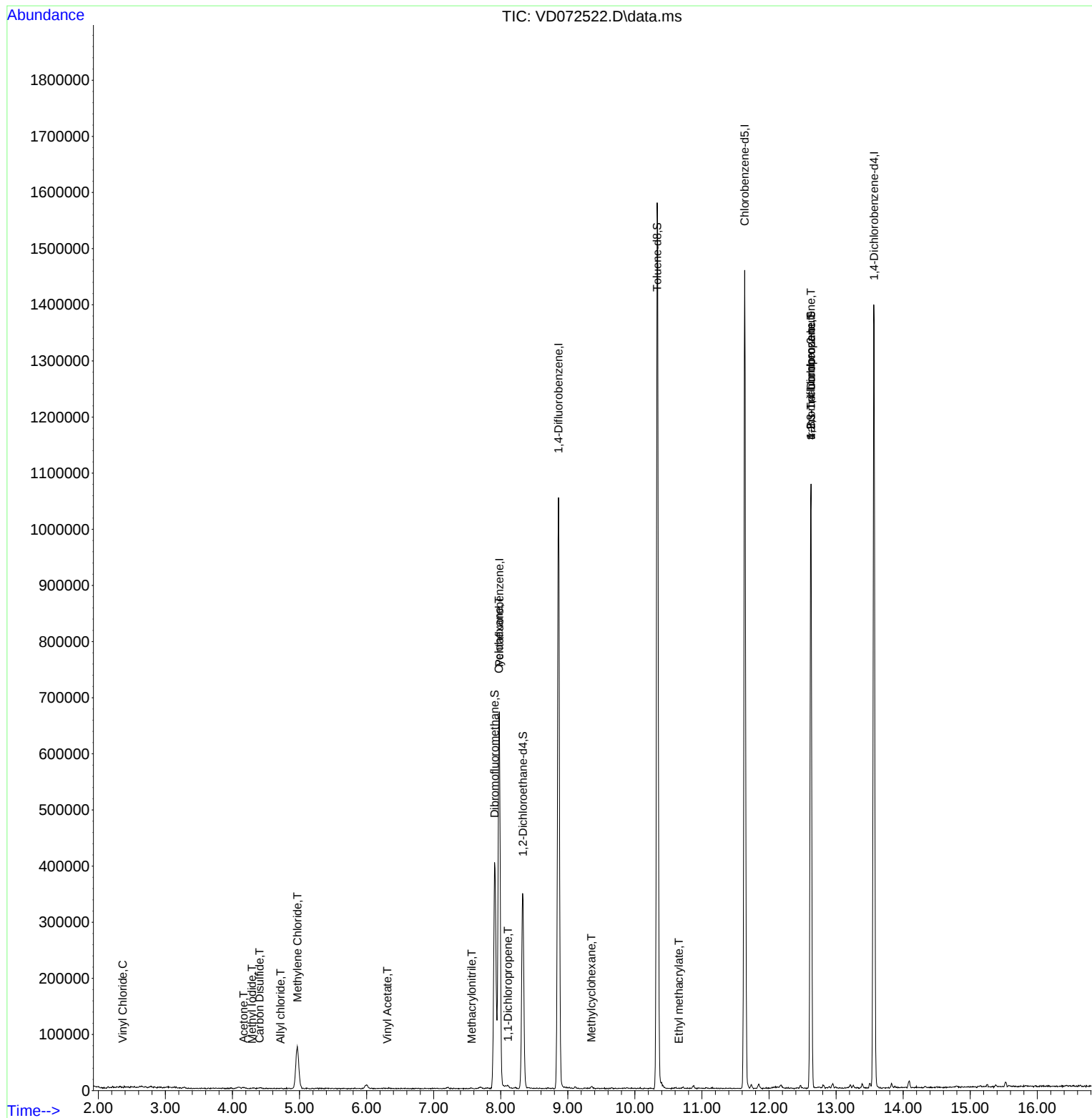
Internal Standards						
1) Pentafluorobenzene	7.979	168	493629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	908113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	848005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	380721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	283947	47.551	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.100%		
35) Dibromofluoromethane	7.909	113	294524	41.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.460%		
50) Toluene-d8	10.332	98	1099198	44.807	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.620%		
62) 4-Bromofluorobenzene	12.626	95	370517	38.673	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.340%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.362	62	709	1.117	ug/l #	43
10) Methyl Iodide	4.291	142	921	3.892	ug/l #	67
14) Allyl chloride	4.715	41	353	1.171	ug/l #	22
16) Acetone	4.168	43	3667	3.293	ug/l #	87
17) Carbon Disulfide	4.403	76	1679	3.788	ug/l #	74
20) Methylene Chloride	4.967	84	59905	9.037	ug/l #	85
23) Vinyl Acetate	6.309	43	675	6.358	ug/l #	75
31) Cyclohexane	7.973	56	11323	1.450	ug/l #	1
36) 1,1-Dichloropropene	8.108	75	1680	1.306	ug/l #	77
39) Methylcyclohexane	9.350	83	1663	3.026	ug/l #	71
41) Methacrylonitrile	7.567	41	60	1.685	ug/l #	1
56) Ethyl methacrylate	10.655	69	57	1.199	ug/l #	28
76) 1,2,3-Trichloropropane	12.626	75	187494	45.153	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	187494	110.798	ug/l #	7

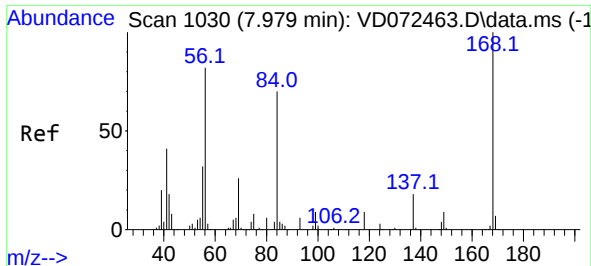
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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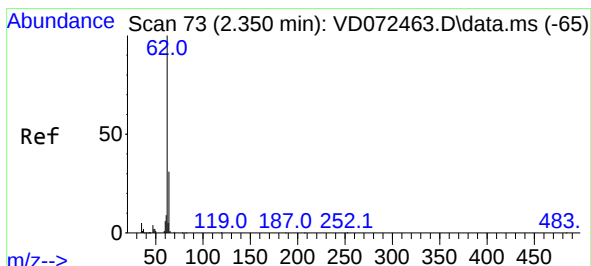
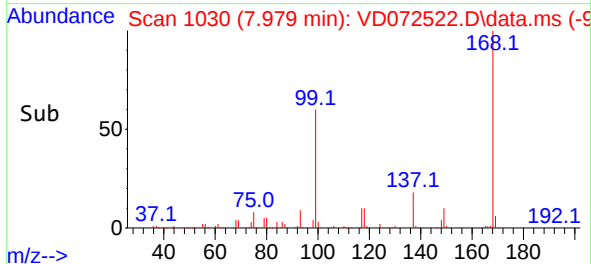
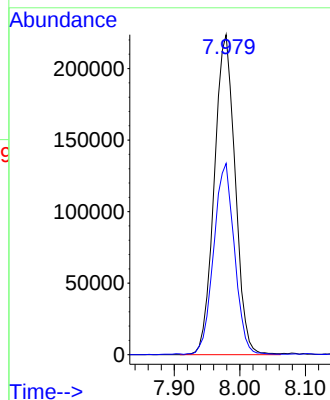
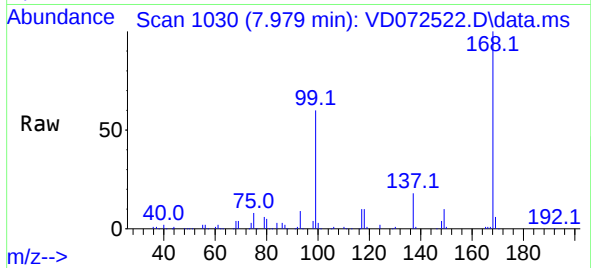




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

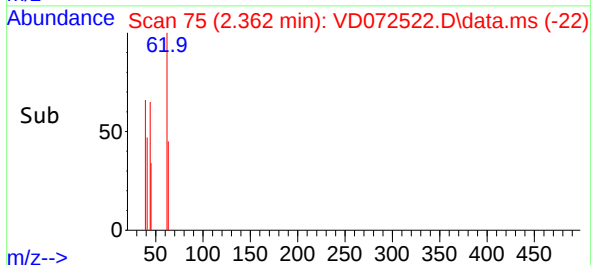
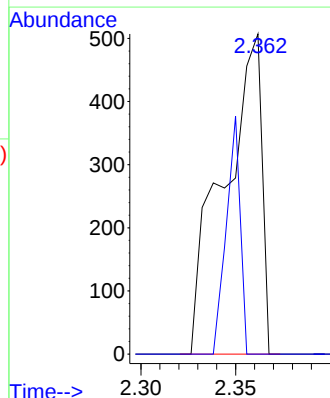
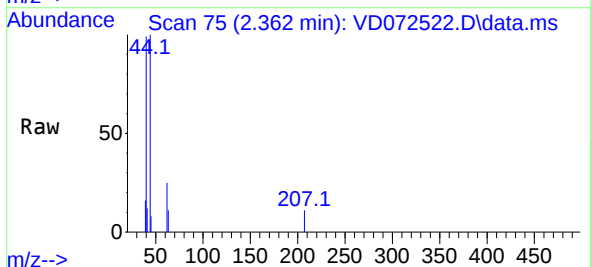
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

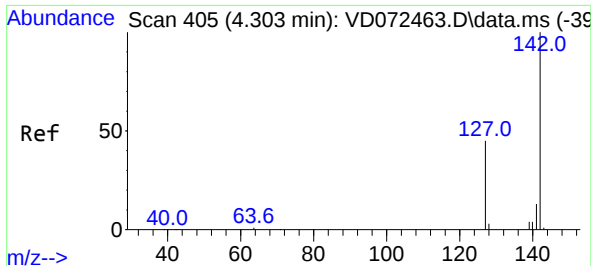
Tgt Ion:168 Resp: 493629
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#4
Vinyl Chloride
Concen: 1.117 ug/l
RT: 2.362 min Scan# 75
Delta R.T. 0.012 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 62 Resp: 709
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

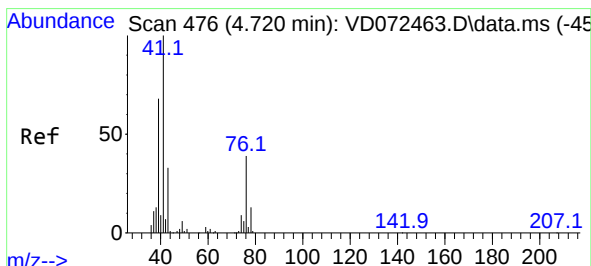
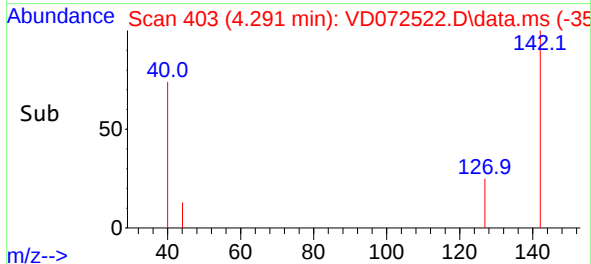
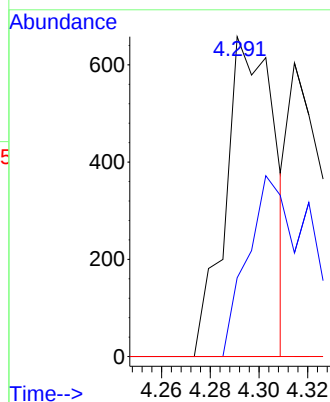
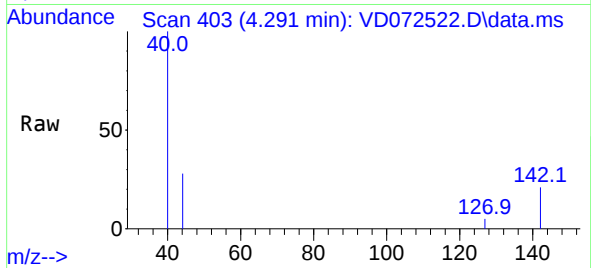




#10
Methyl Iodide
Concen: 3.892 ug/l
RT: 4.291 min Scan# 40
Delta R.T. -0.012 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

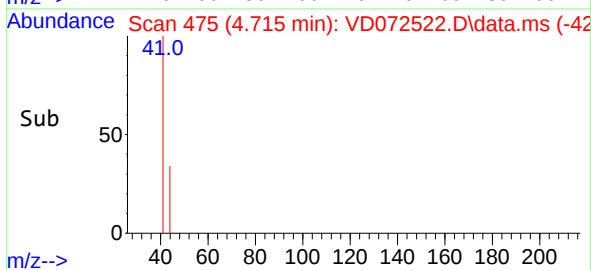
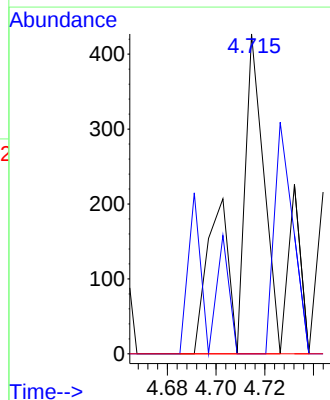
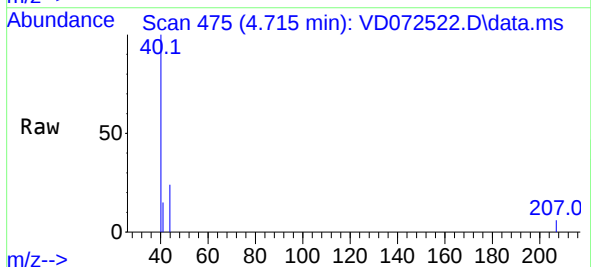
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

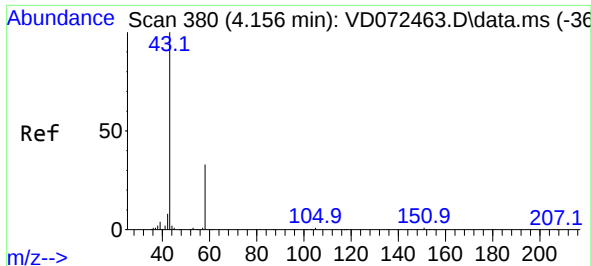
Tgt Ion:142 Resp: 921
Ion Ratio Lower Upper
142 100
127 67.9 37.3 55.9#
141 0.0 11.7 17.5#



#14
Allyl chloride
Concen: 1.171 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 41 Resp: 353
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
76 0.0 25.7 38.5#

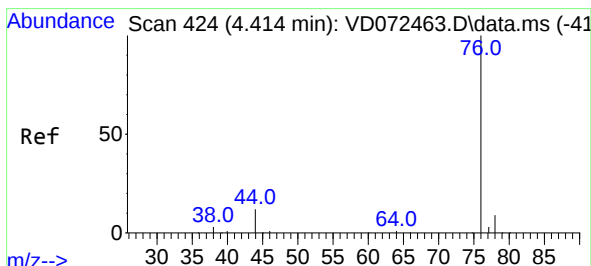
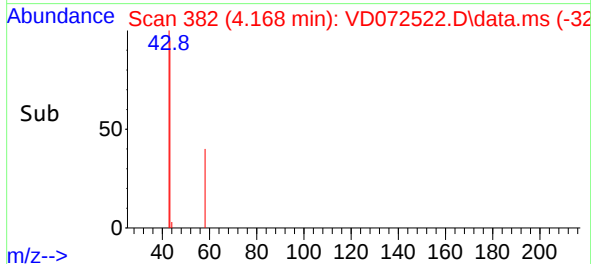
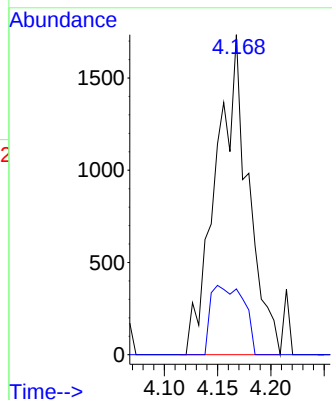
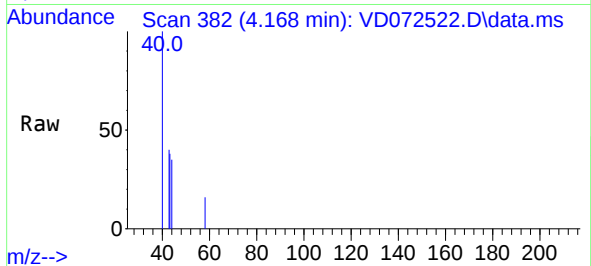




#16
Acetone
Concen: 3.293 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

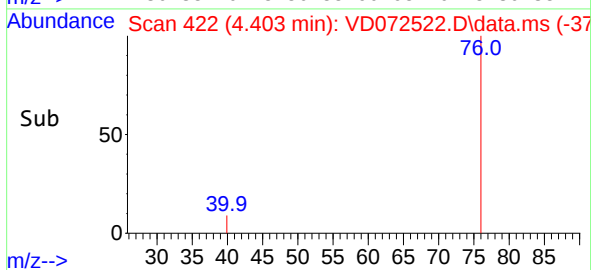
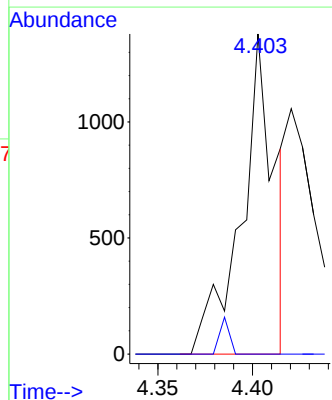
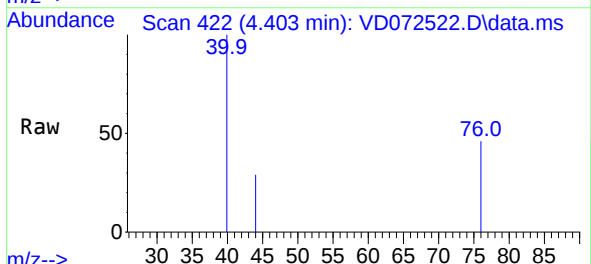
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

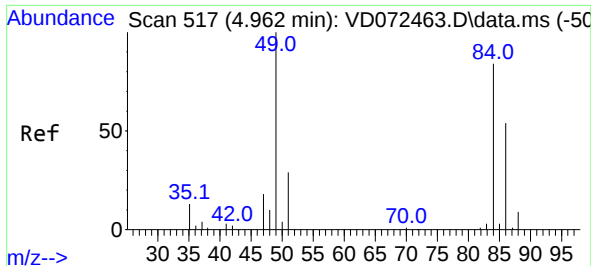
Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
58 20.6 22.1 33.1#



#17
Carbon Disulfide
Concen: 3.788 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.011 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 76 Resp: 1679
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



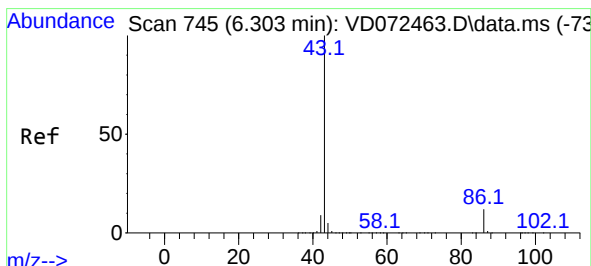
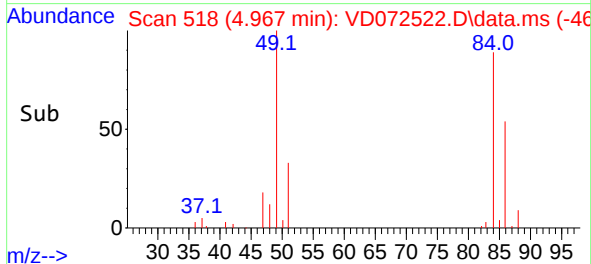
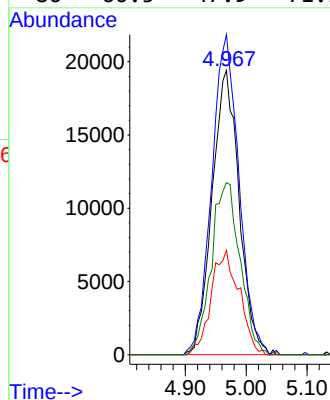
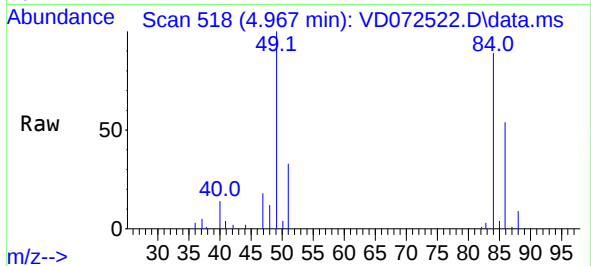


#20
Methylene Chloride
Concen: 9.037 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

Tgt Ion: 84 Resp: 59905

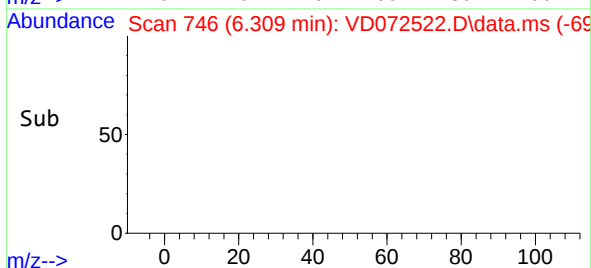
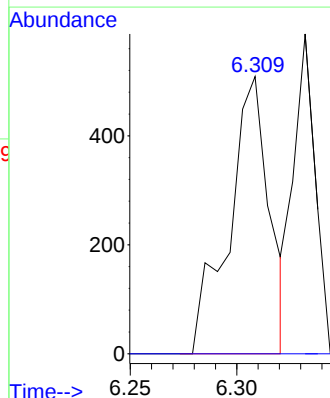
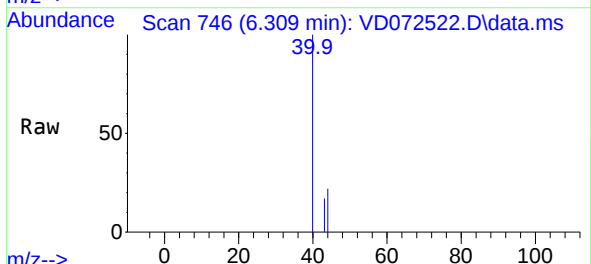
Ion	Ratio	Lower	Upper
84	100		
49	112.6	112.8	169.2#
51	36.8	32.6	48.8
86	60.5	47.9	71.9

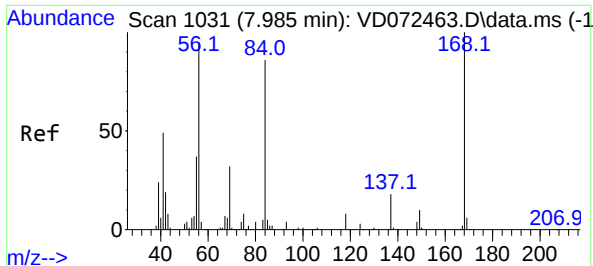


#23
Vinyl Acetate
Concen: 6.358 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 43 Resp: 675

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

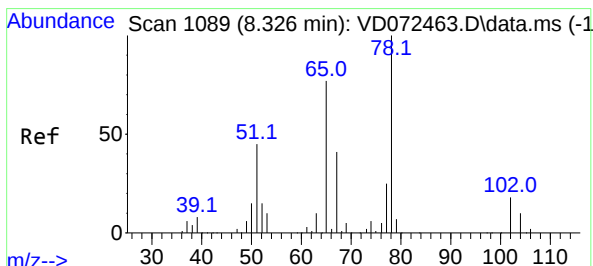
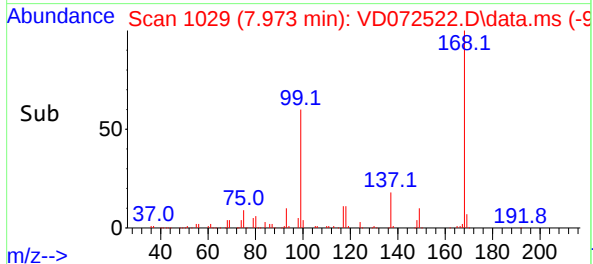
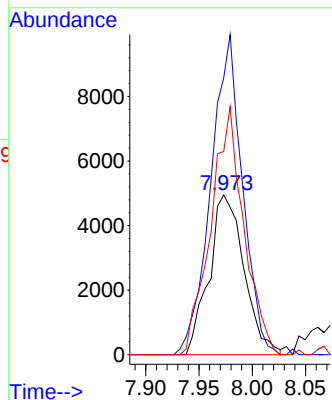
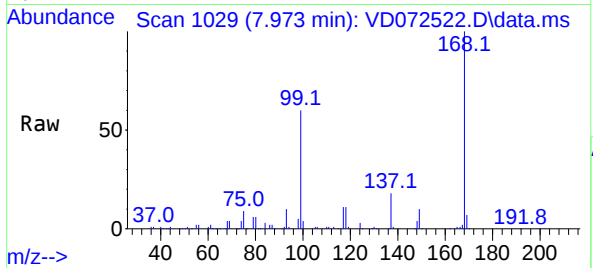




#31
Cyclohexane
Concen: 1.450 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

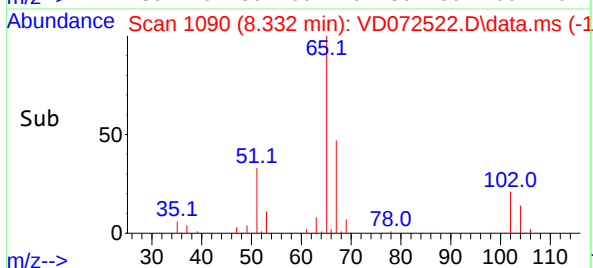
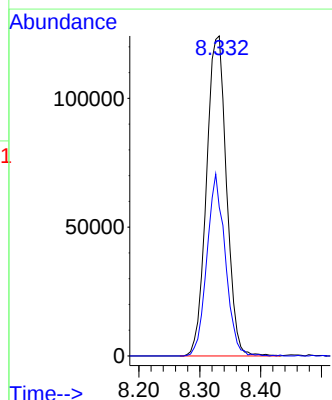
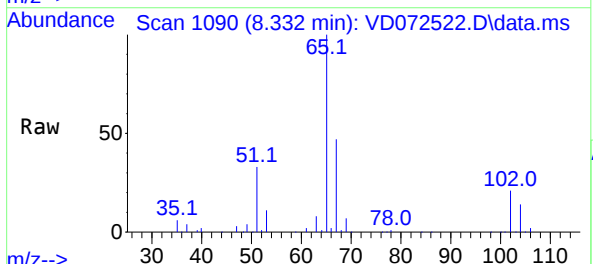
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

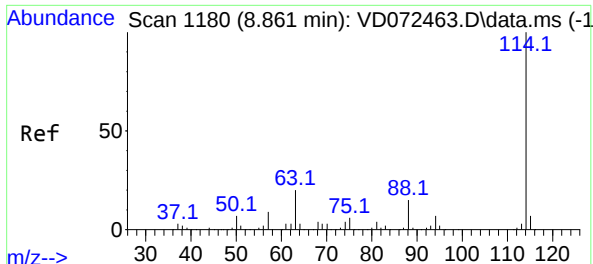
Tgt Ion: 56 Resp: 11323
Ion Ratio Lower Upper
56 100
69 173.5 25.4 38.2#
84 127.3 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.551 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 65 Resp: 283947
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



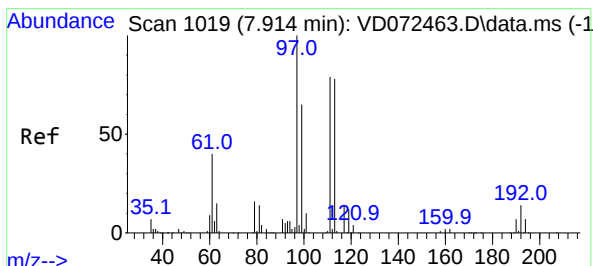
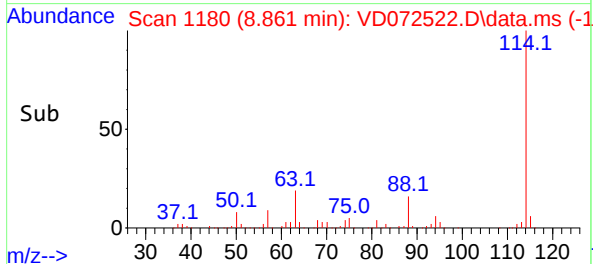
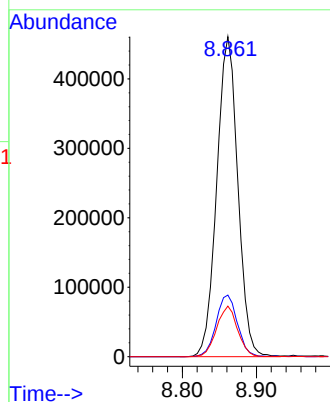
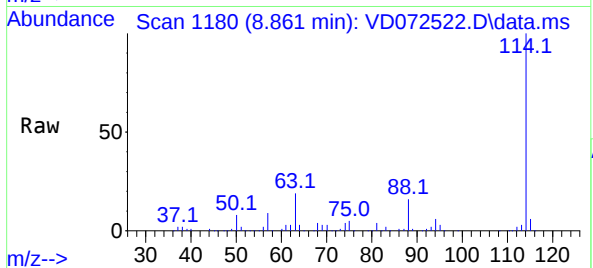


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

Tgt Ion:114 Resp: 908113

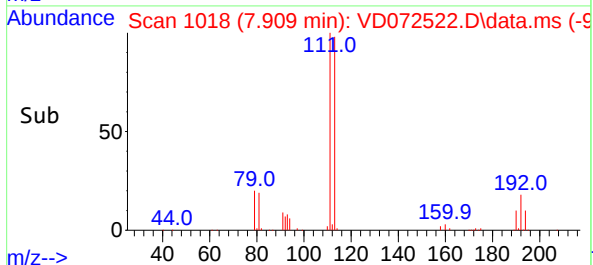
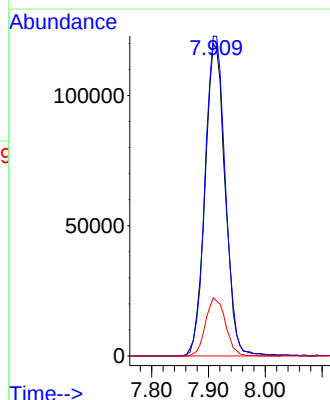
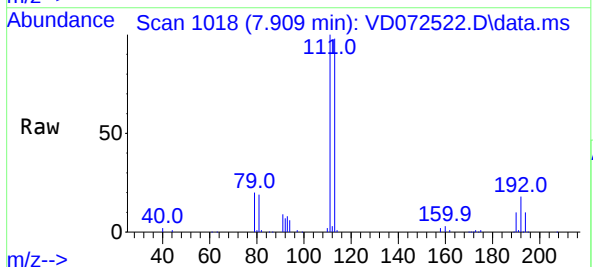
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	46.6
88	15.8	0.0	33.2

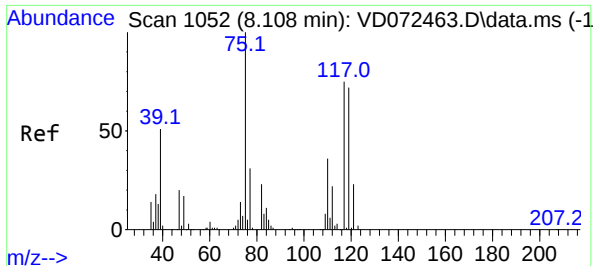


#35
Dibromofluoromethane
Concen: 41.733 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion:113 Resp: 294524

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	18.4	14.6	21.8





#36

1,1-Dichloropropene

Concen: 1.306 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072522.D

Acq: 04 Apr 2022 16:51

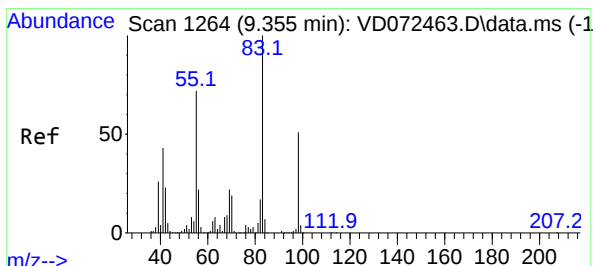
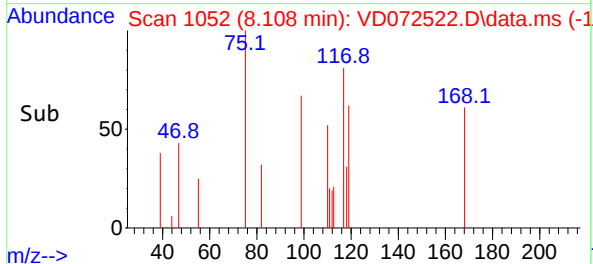
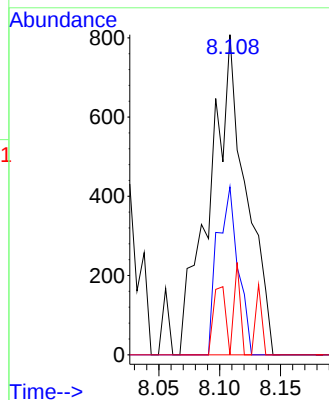
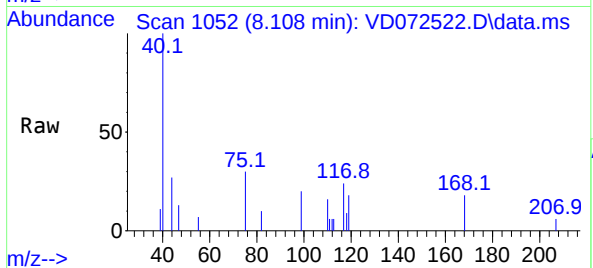
Instrument :

MSVOA_D

ClientSampleId :

PFS-TP

Tgt Ion:	75	Resp:	1680
Ion	Ratio	Lower	Upper
75	100		
110	29.7	16.4	49.1
77	7.1	24.2	36.2#



#39

Methylcyclohexane

Concen: 3.026 ug/l

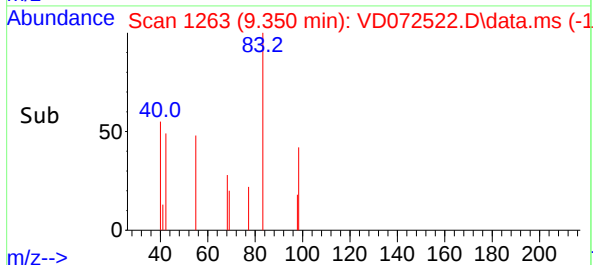
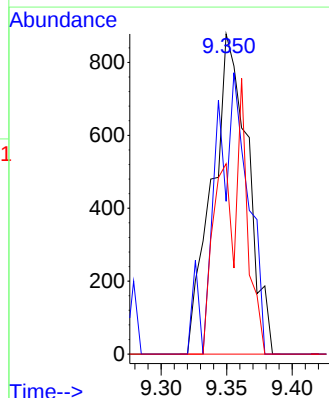
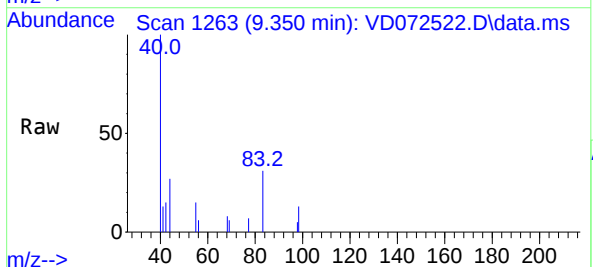
RT: 9.350 min Scan# 1263

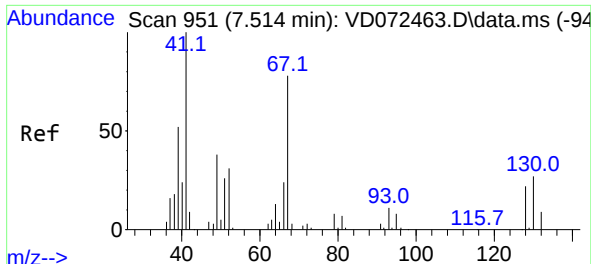
Delta R.T. -0.005 min

Lab File: VD072522.D

Acq: 04 Apr 2022 16:51

Tgt Ion:	83	Resp:	1663
Ion	Ratio	Lower	Upper
83	100		
55	47.7	63.2	94.8#
98	59.5	38.2	57.4#

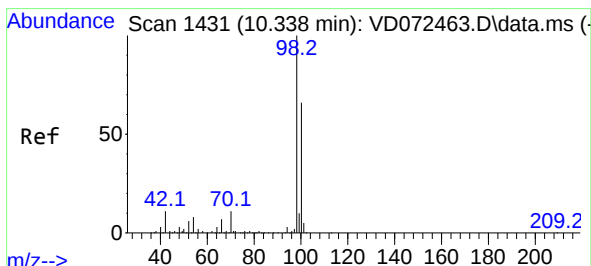
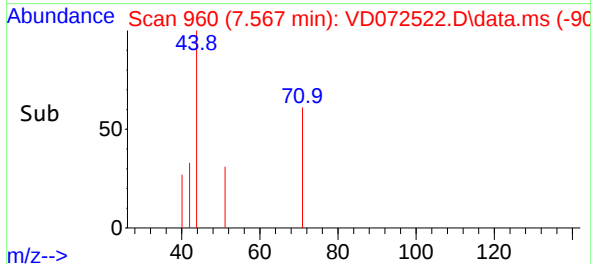
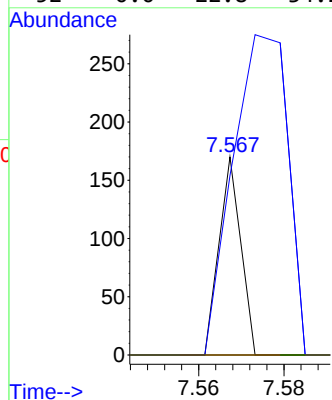
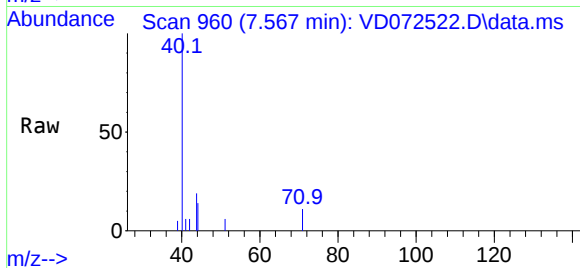




#41
Methacrylonitrile
Concen: 1.685 ug/l
RT: 7.567 min Scan# 90
Delta R.T. 0.053 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

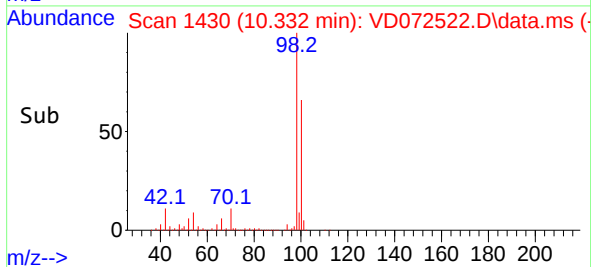
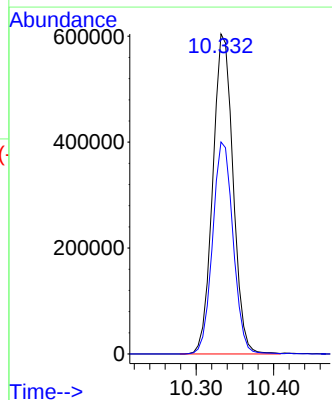
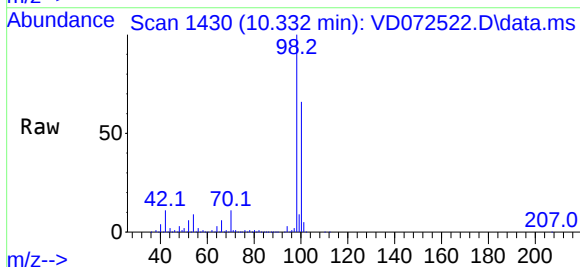
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

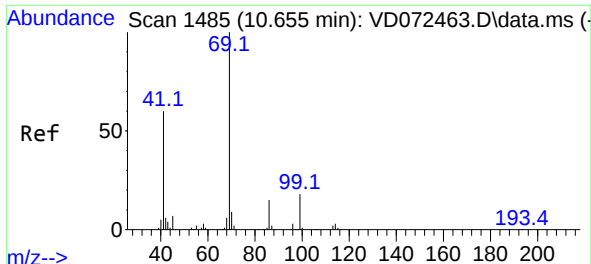
Tgt Ion: 41	Resp: 60
Ion Ratio	Lower Upper
41 100	
39 410.0	44.6 67.0#
67 0.0	48.2 72.4#
52 0.0	22.8 34.2#



#50
Toluene-d8
Concen: 44.807 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 98	Resp: 1099198
Ion Ratio	Lower Upper
98 100	
100 66.8	52.4 78.6

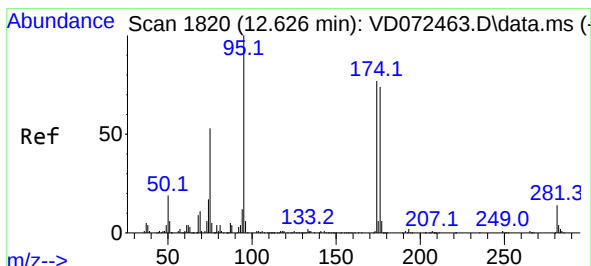
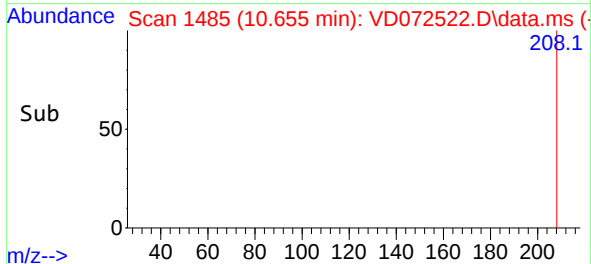
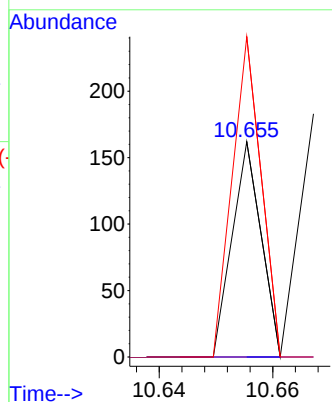
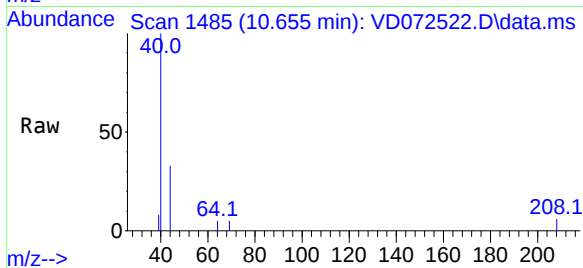




#56
Ethyl methacrylate
Concen: 1.199 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

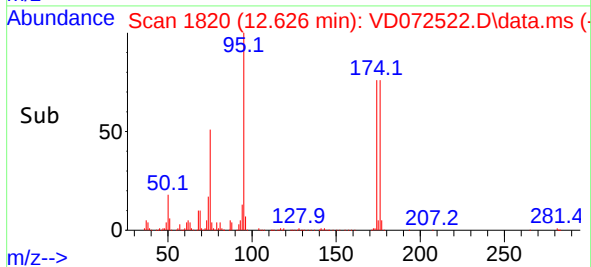
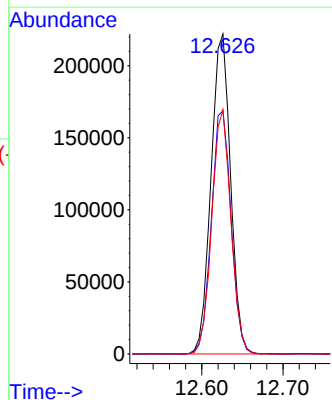
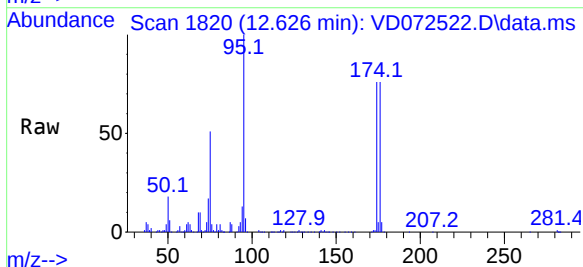
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

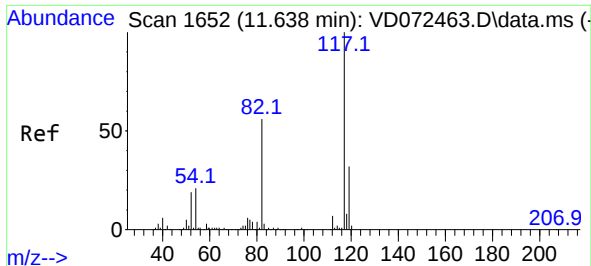
Tgt Ion: 69 Resp: 57
Ion Ratio Lower Upper
69 100
41 96.5 63.0 94.6#
39 149.1 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 38.673 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 95 Resp: 370517
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.8 0.0 145.4

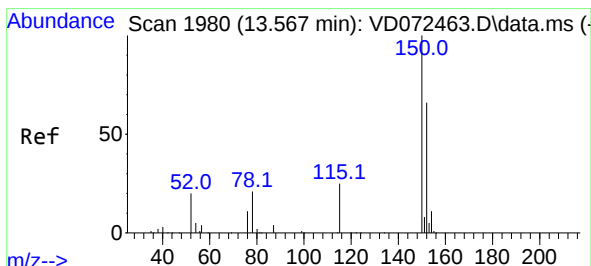
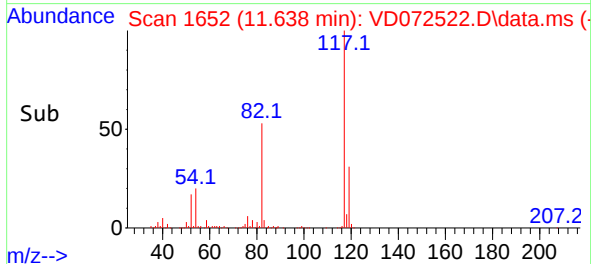
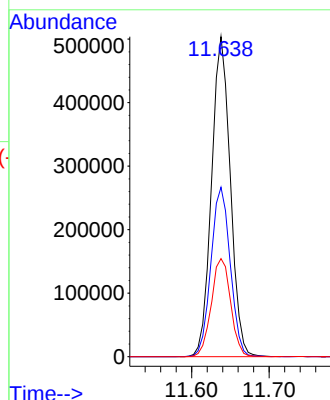
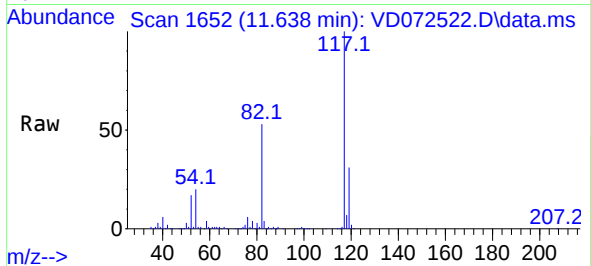




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

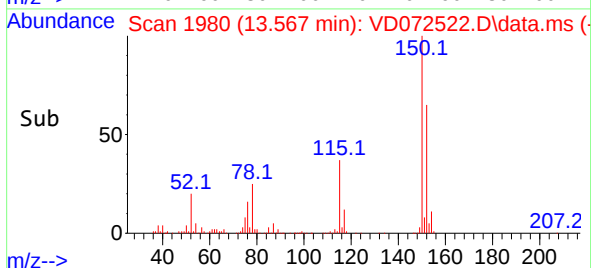
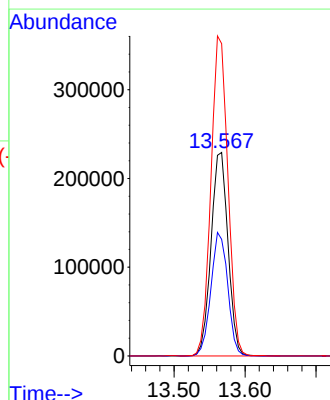
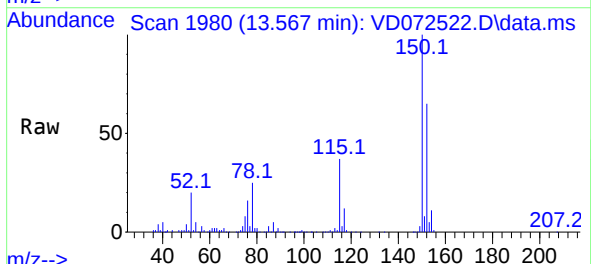
Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

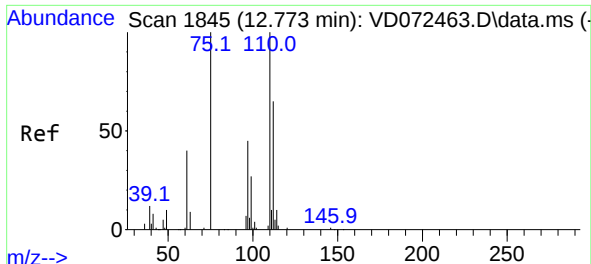
Tgt Ion:117 Resp: 848005
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 30.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion:152 Resp: 380721
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 156.9 0.0 348.6

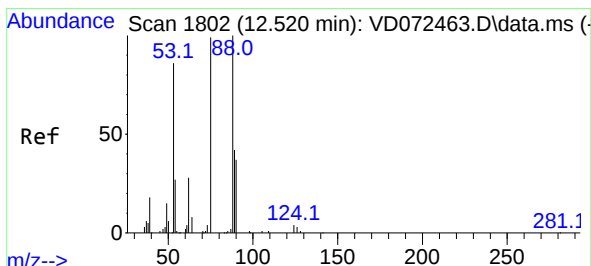
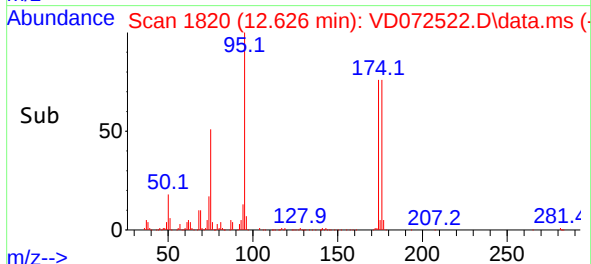
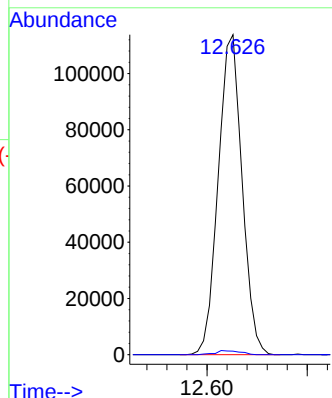
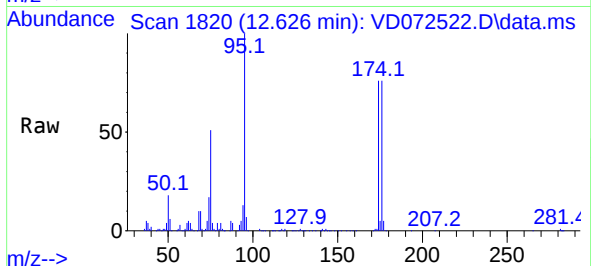




#76
1,2,3-Trichloropropane
Concen: 45.153 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Instrument :
MSVOA_D
ClientSampleId :
PFS-TP

Tgt Ion: 75 Resp: 187494
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.798 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072522.D
Acq: 04 Apr 2022 16:51

Tgt Ion: 75 Resp: 187494
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

