

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069793.D
 Acq On : 21 Jul 2021 16:14
 Operator : VA/SY
 Sample : M3094-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Jul 22 03:41:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

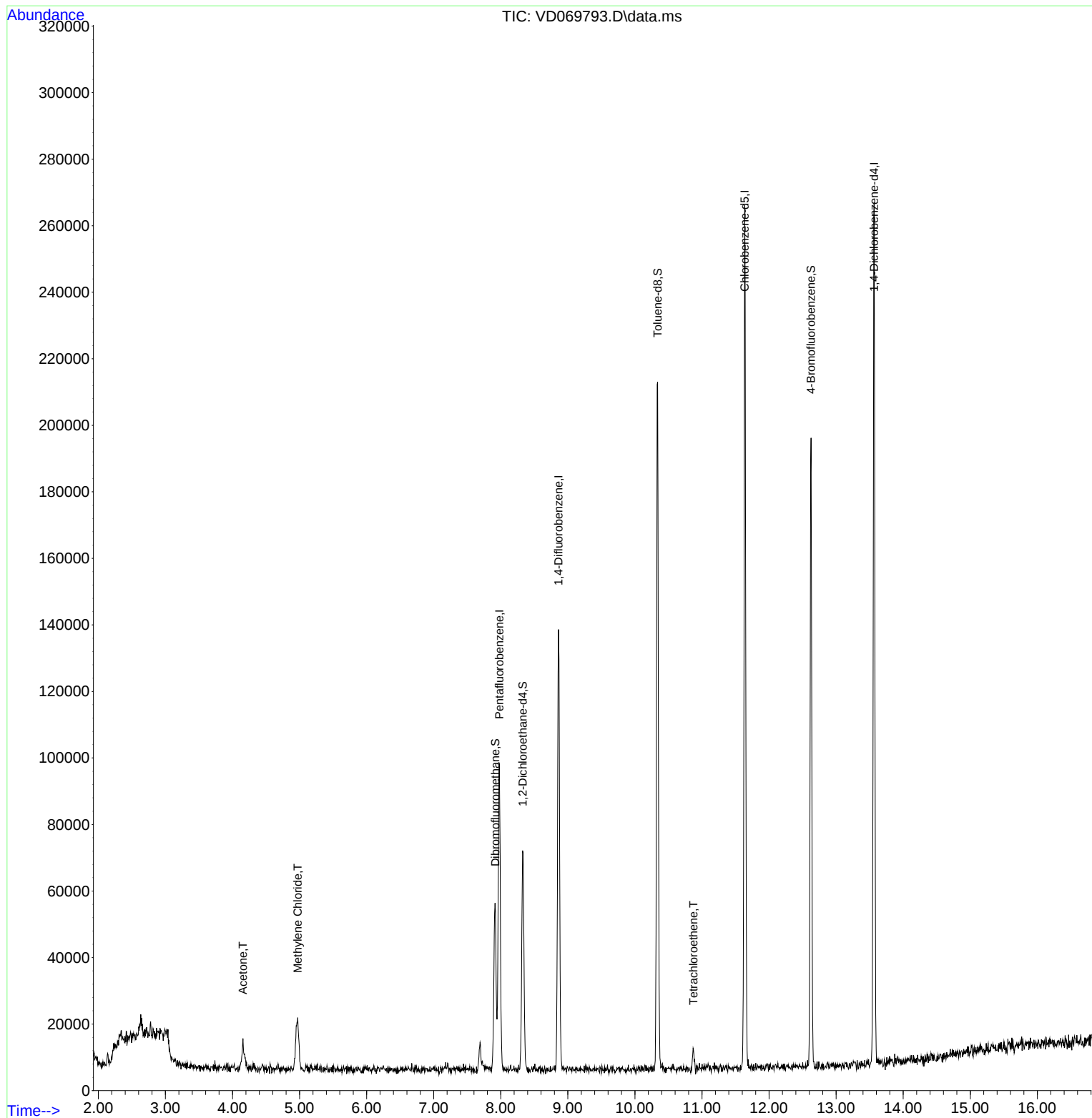
Internal Standards						
1) Pentafluorobenzene	7.979	168	64758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	113528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	147841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	68065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	54193	67.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.040%
35) Dibromofluoromethane	7.920	113	36896	48.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.338	98	147804	49.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.626	95	65846	66.724	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.440%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	12996	84.271	ug/l	96
20) Methylene Chloride	4.973	84	12016	6.132	ug/l	90
64) Tetrachloroethene	10.873	164	1560	1.728	ug/l #	78

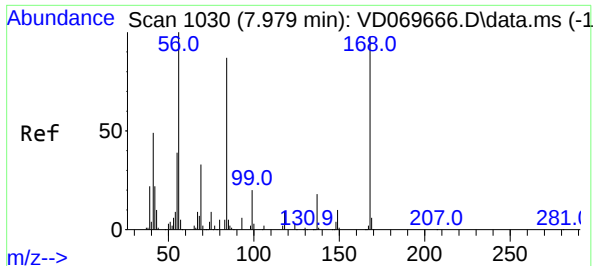
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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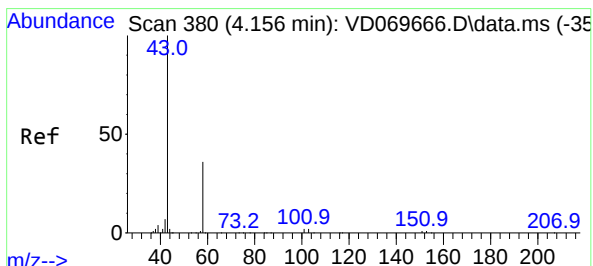
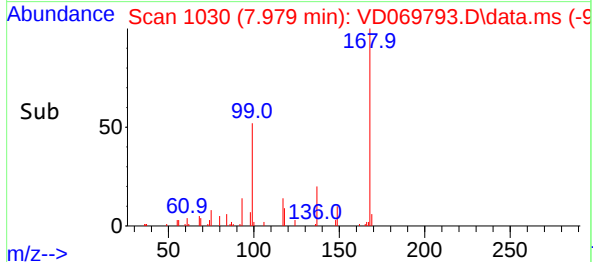
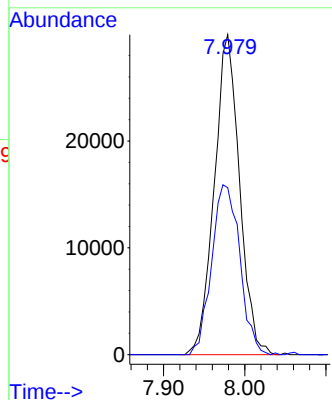
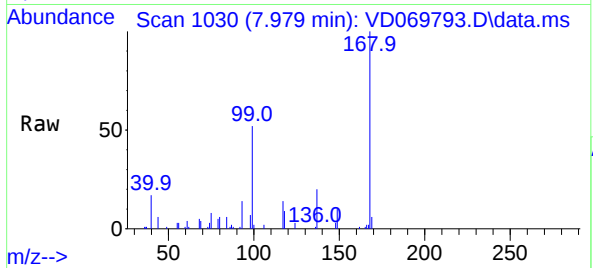




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

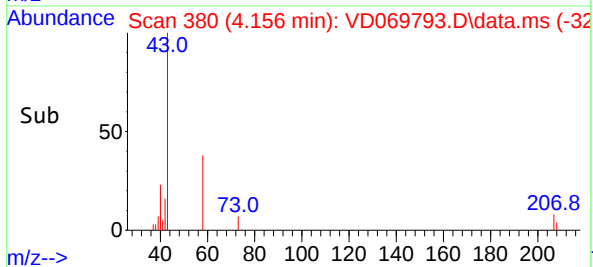
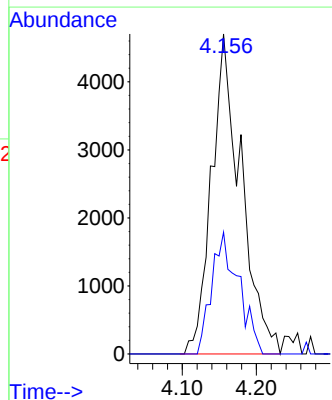
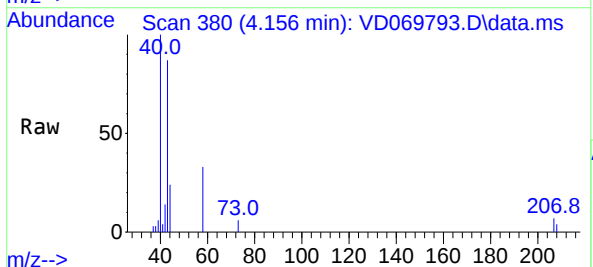
Instrument :
MSVOA_D
ClientSampled :
SP-1A

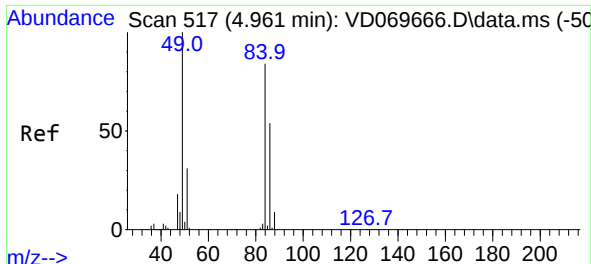
Tgt Ion:168 Resp: 64758
Ion Ratio Lower Upper
168 100
99 52.2 51.8 77.6



#16
Acetone
Concen: 84.271 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 43 Resp: 12996
Ion Ratio Lower Upper
43 100
58 38.0 28.6 42.8



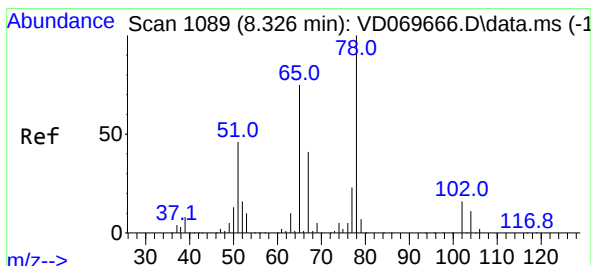
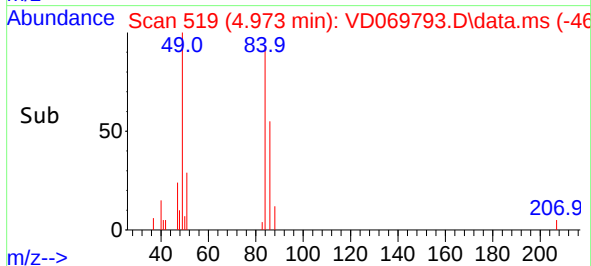
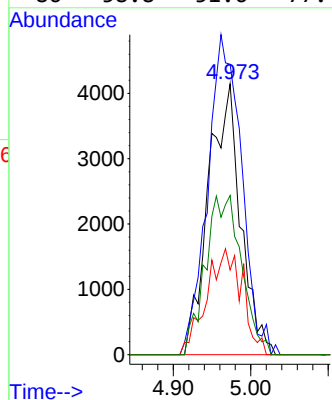
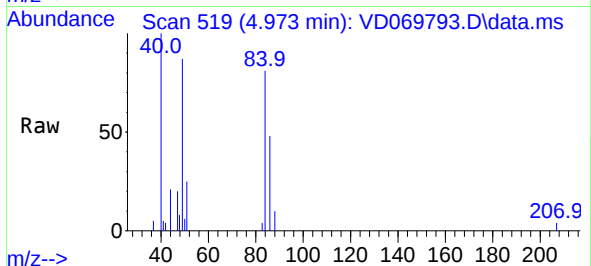


#20
Methylene Chloride
Concen: 6.132 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

Instrument :
MSVOA_D
ClientSampleId :
SP-1A

Tgt Ion: 84 Resp: 12016

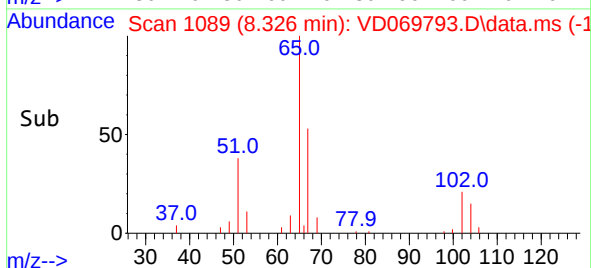
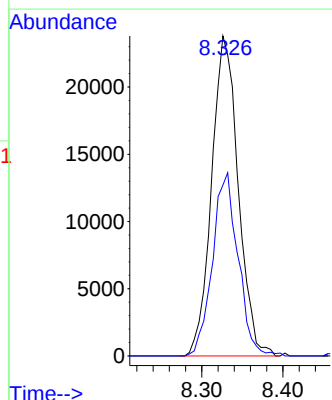
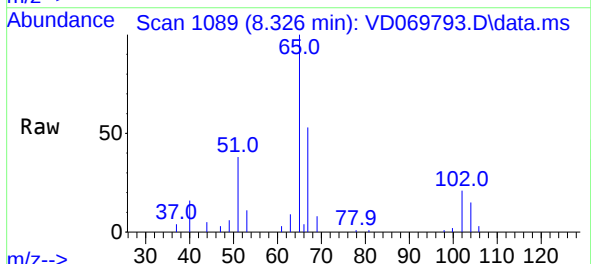
Ion	Ratio	Lower	Upper
84	100		
49	107.2	95.5	143.3
51	31.2	29.7	44.5
86	58.8	51.6	77.4

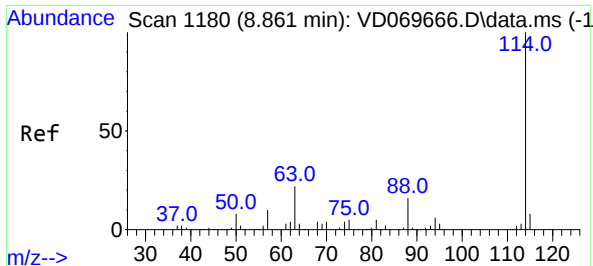


#33
1,2-Dichloroethane-d4
Concen: 67.022 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 65 Resp: 54193

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	107.2

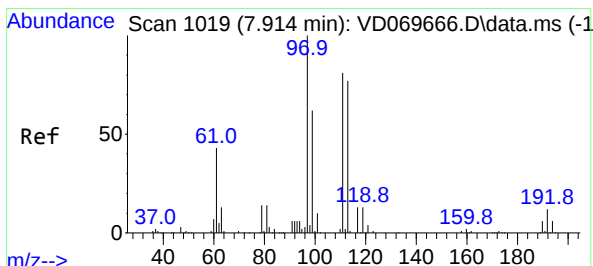
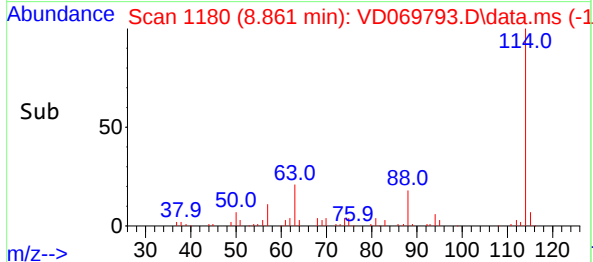
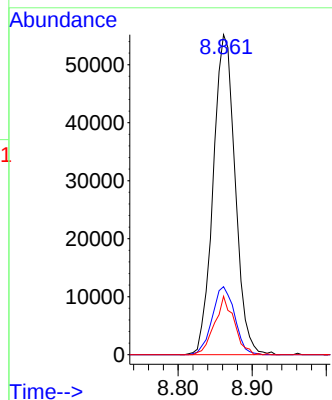
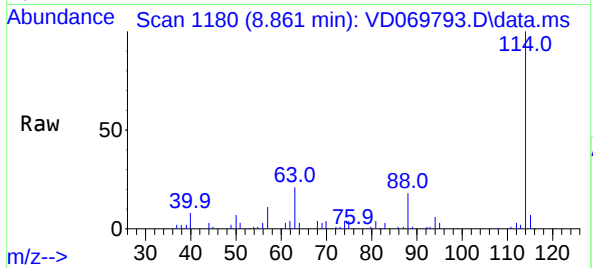




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

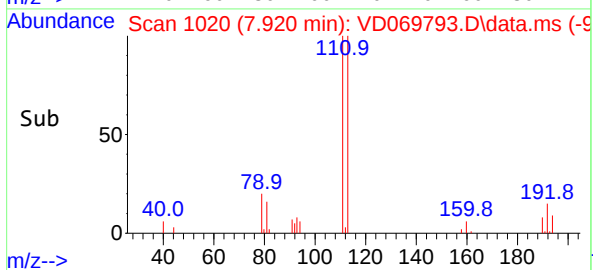
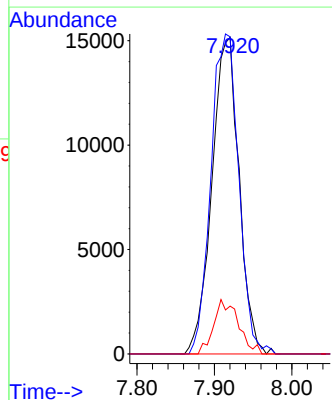
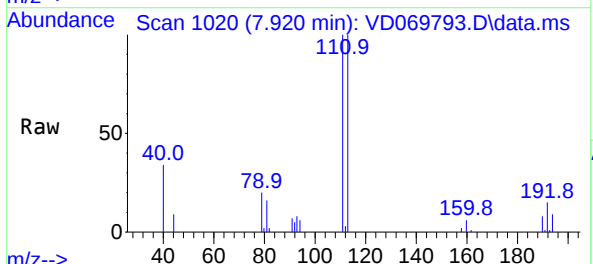
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

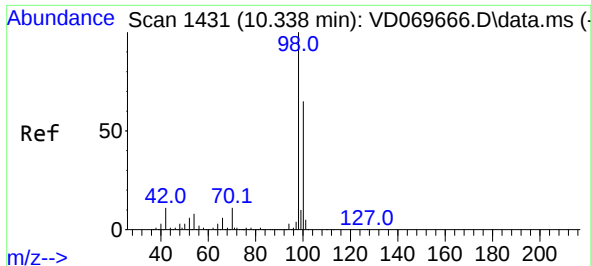
Tgt Ion:114 Resp: 113528
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.4
88 18.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.443 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

Tgt Ion:113 Resp: 36896
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 15.6 12.7 19.1

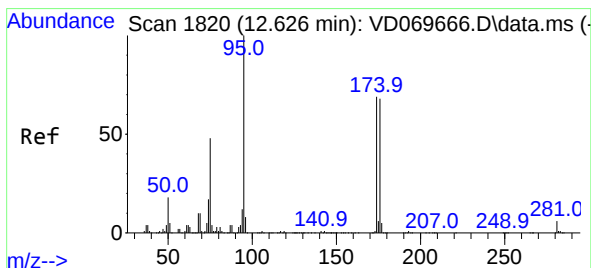
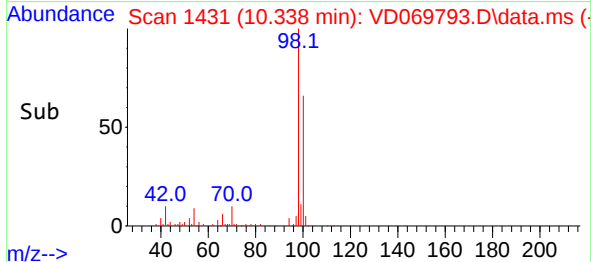
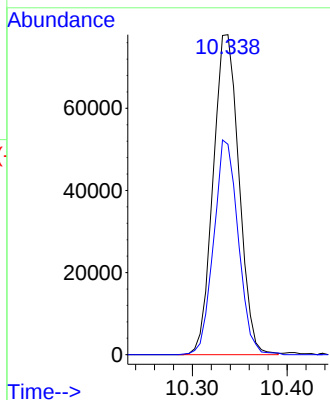
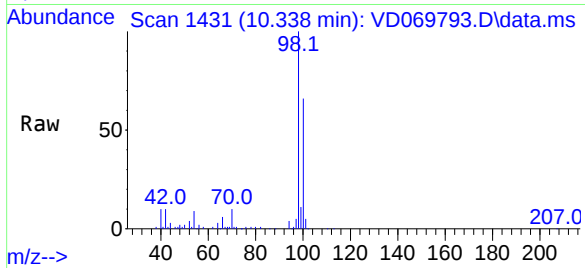




#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

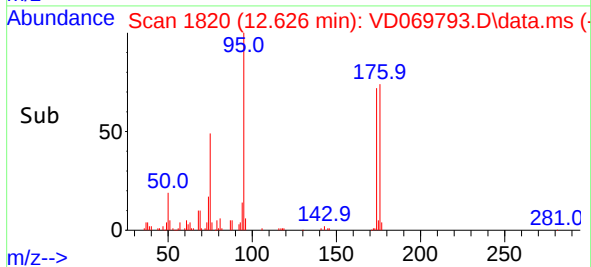
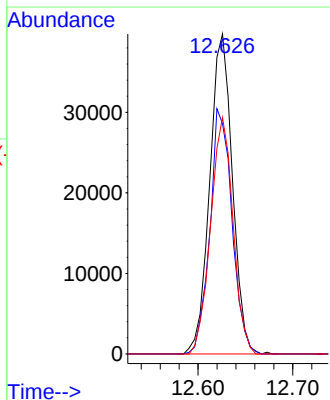
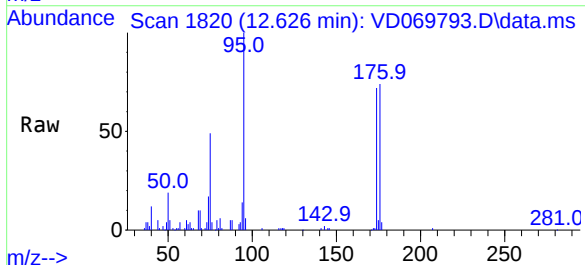
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

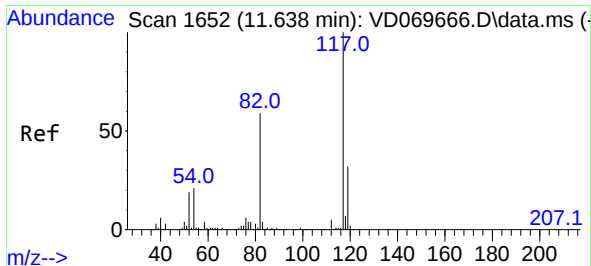
Tgt Ion: 98 Resp: 147804
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 66.724 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 95 Resp: 65846
Ion Ratio Lower Upper
95 100
174 74.8 0.0 140.0
176 73.2 0.0 136.2

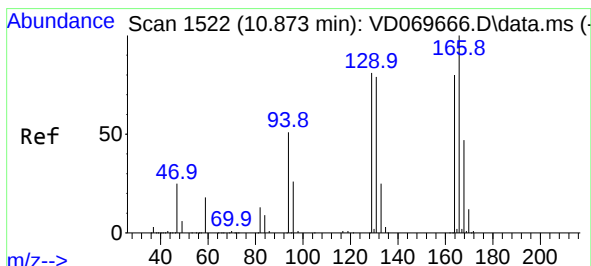
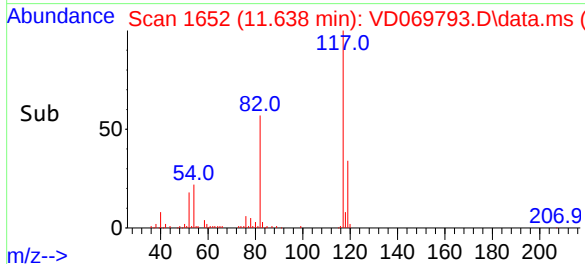
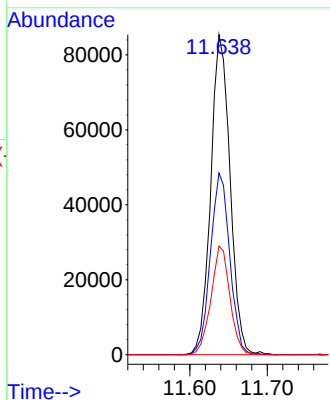
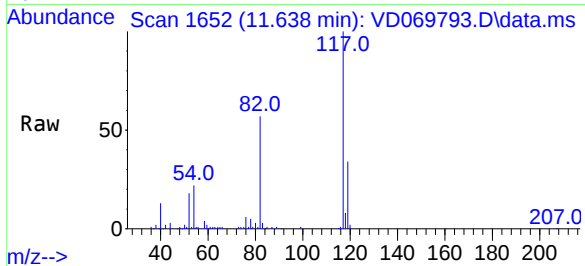




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

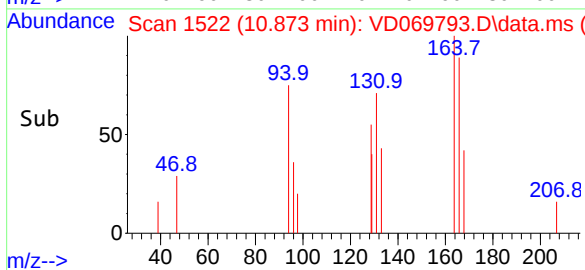
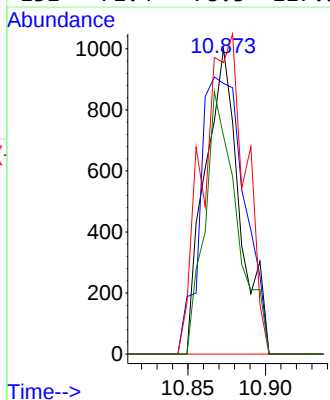
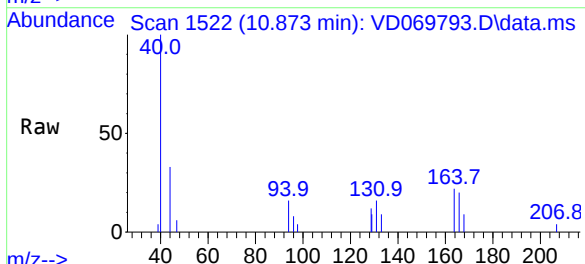
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

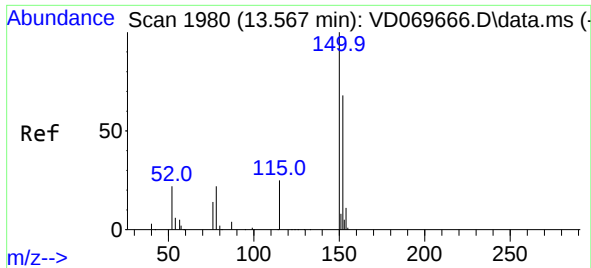
Tgt Ion:	117	Resp:	147841
Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.4	71.2
119	34.0	25.5	38.3



#64
Tetrachloroethene
Concen: 1.728 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069793.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	164	Resp:	1560
Ion	Ratio	Lower	Upper
164	100		
166	88.6	99.6	149.4#
129	95.4	80.8	121.2
131	71.4	78.3	117.5#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069793.D
 Acq: 21 Jul 2021 16:14

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Tgt Ion:	152	Resp:	68065
Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.7	95.1
150	163.9	0.0	350.4

