

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060121\
 Data File : VD069283.D
 Acq On : 01 Jun 2021 15:05
 Operator : VA/SY
 Sample : VD0601SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0601SBL01

Quant Time: Jun 02 02:25:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

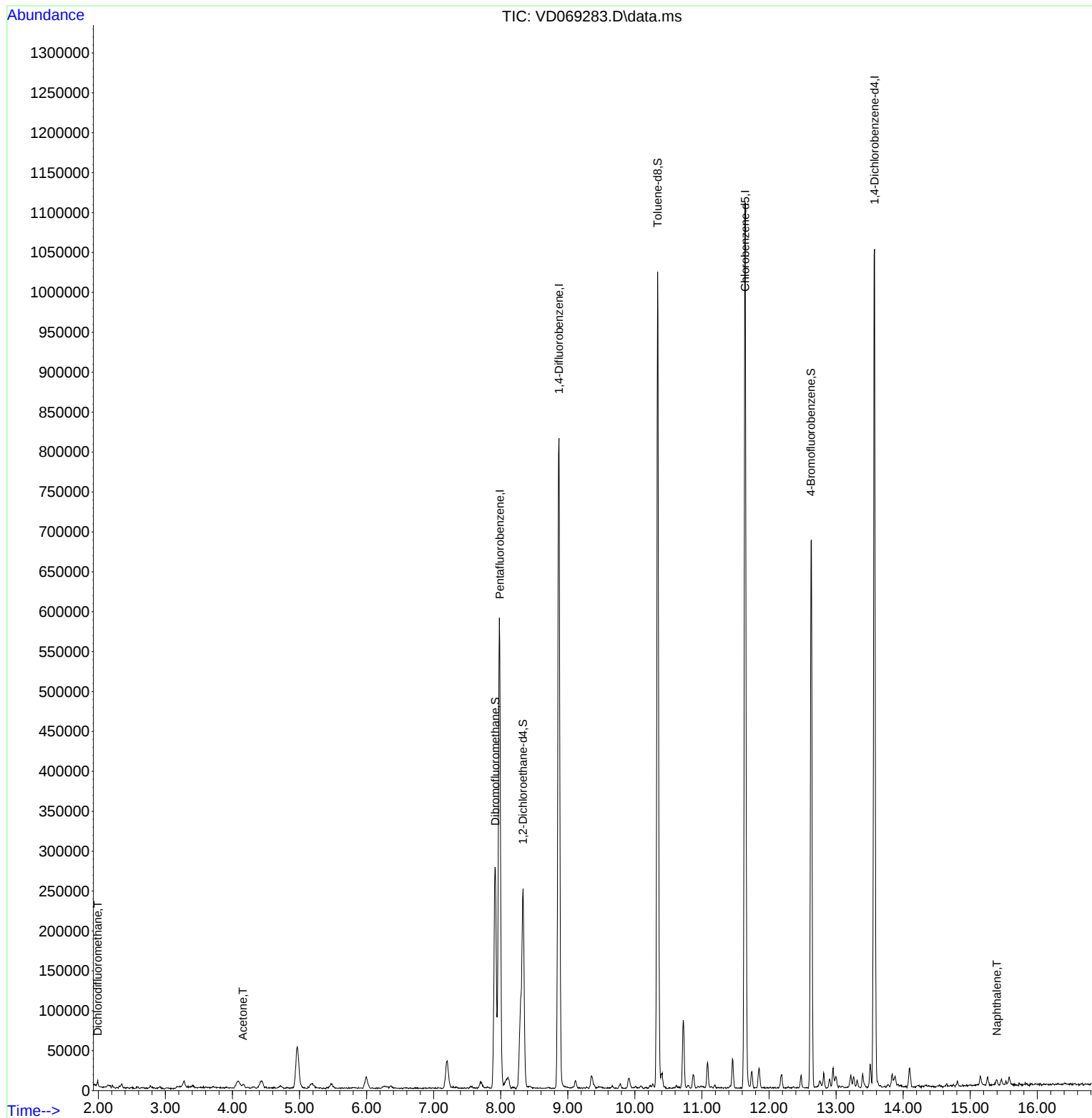
Internal Standards						
1) Pentafluorobenzene	7.985	168	428088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	748327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	676600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	295864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	190858	46.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.92%		
35) Dibromofluoromethane	7.920	113	205009	43.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.26%		
50) Toluene-d8	10.338	98	700311	40.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.96%		
62) 4-Bromofluorobenzene	12.626	95	221785	39.61	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.22%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	4557	1.01	ug/l	100
16) Acetone	4.156	43	8045	11.22	ug/l #	82
95) Naphthalene	15.396	128	7690	4.01	ug/l #	90

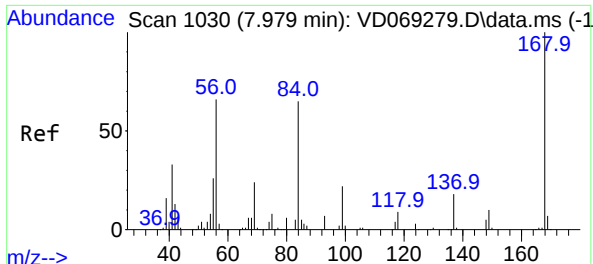
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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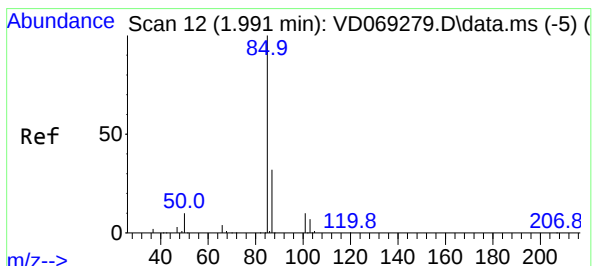
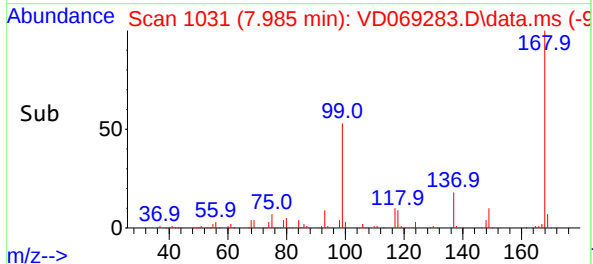
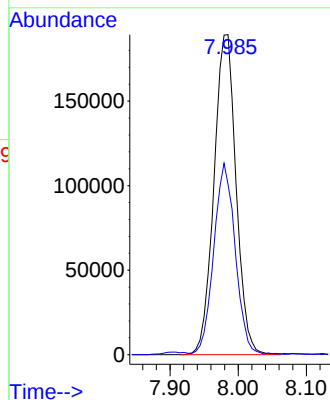
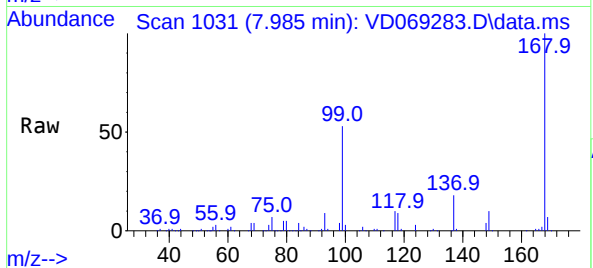




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

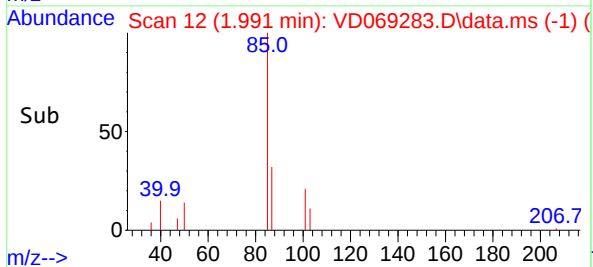
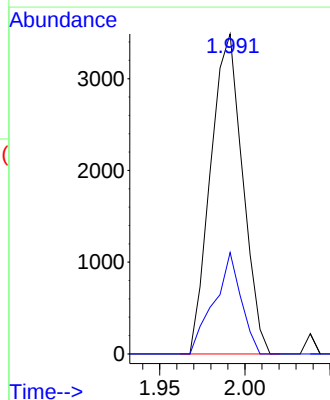
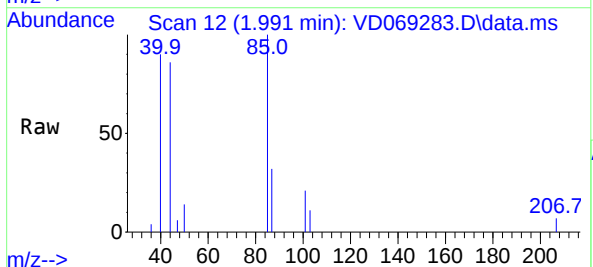
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

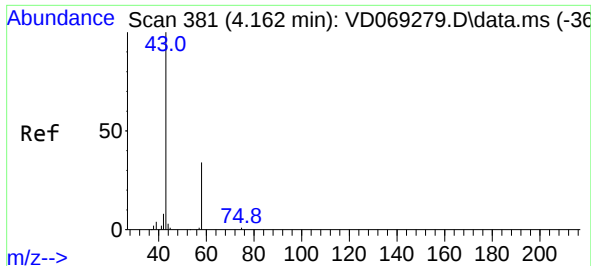
Tgt Ion:168 Resp: 428088
Ion Ratio Lower Upper
168 100
99 53.0 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 1.01 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

Tgt Ion: 85 Resp: 4557
Ion Ratio Lower Upper
85 100
87 31.7 15.9 47.7

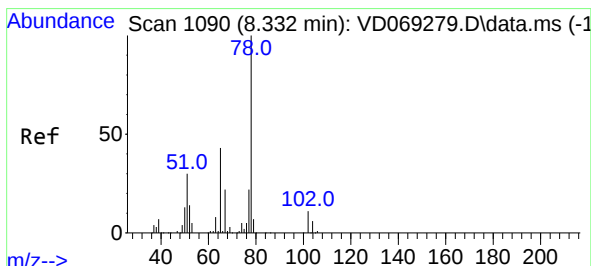
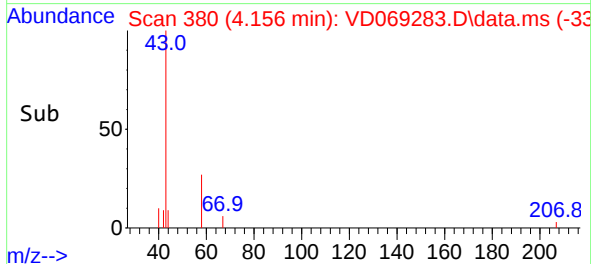
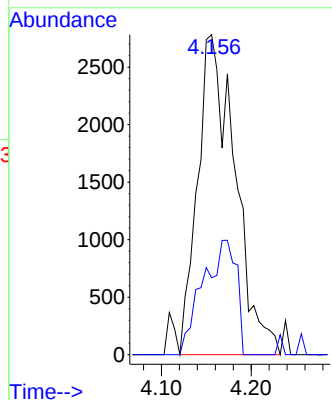
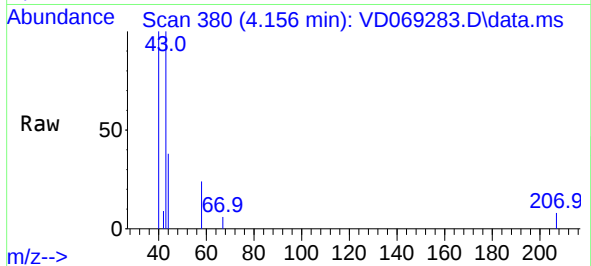




#16
Acetone
Concen: 11.22 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

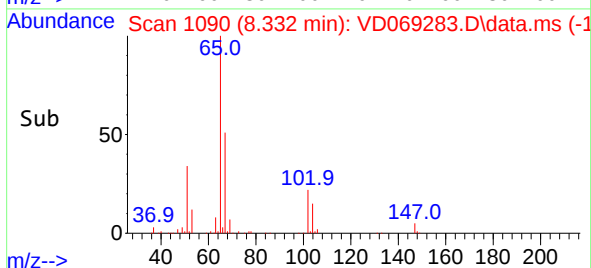
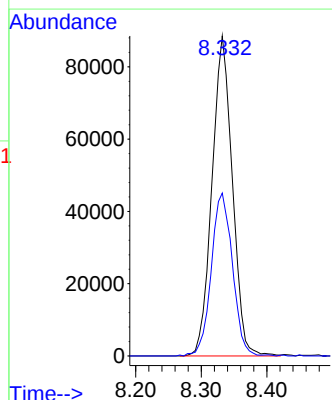
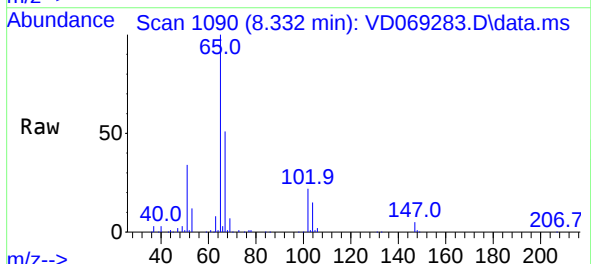
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

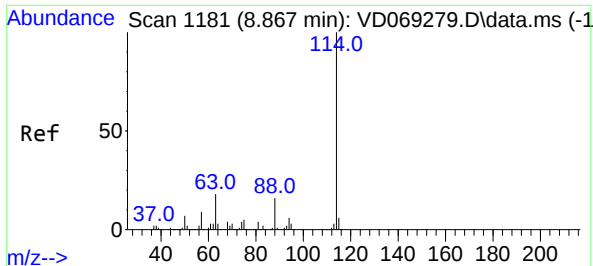
Tgt Ion: 43 Resp: 8045
Ion Ratio Lower Upper
43 100
58 24.1 27.5 41.3#



#33
1,2-Dichloroethane-d4
Concen: 46.46 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

Tgt Ion: 65 Resp: 190858
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8



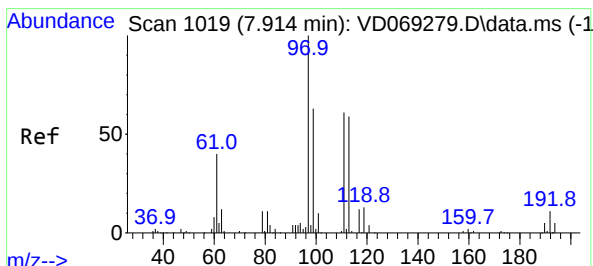
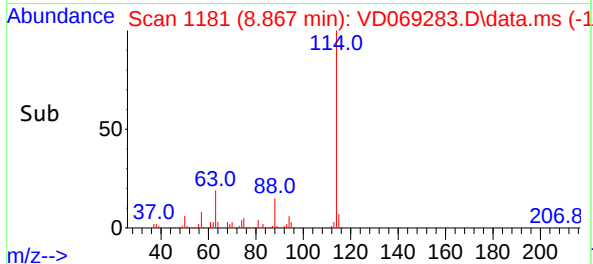
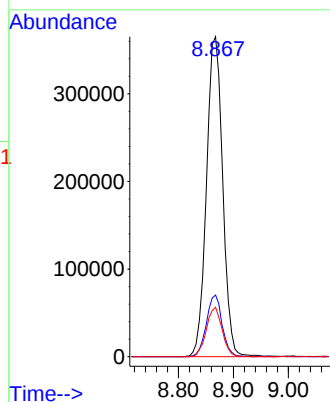
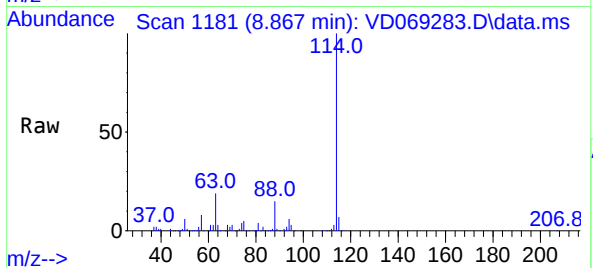


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

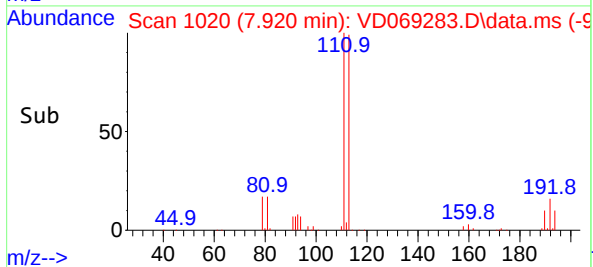
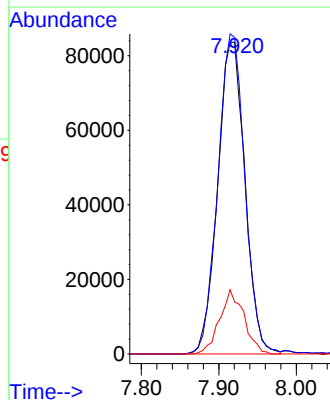
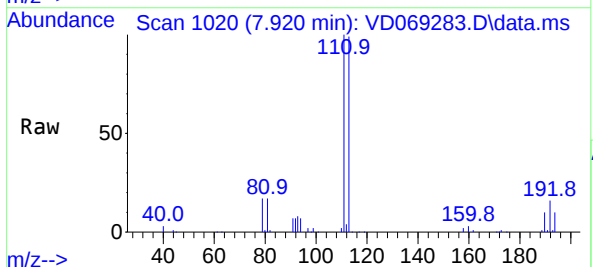
Tgt Ion:	114	Resp:	748327
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	35.6
88	15.4	0.0	31.2

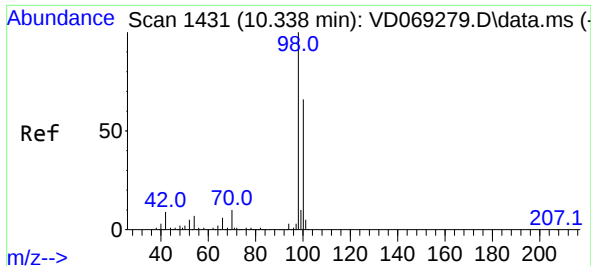


#35

Dibromofluoromethane
Concen: 43.63 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

Tgt Ion:	113	Resp:	205009
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.6
192	18.4	15.1	22.7

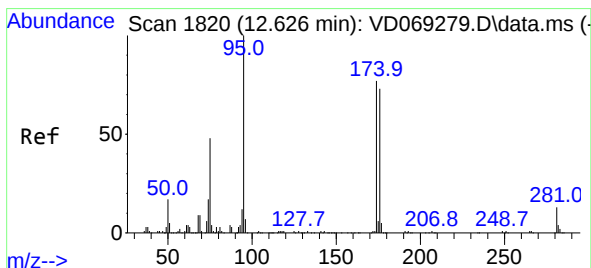
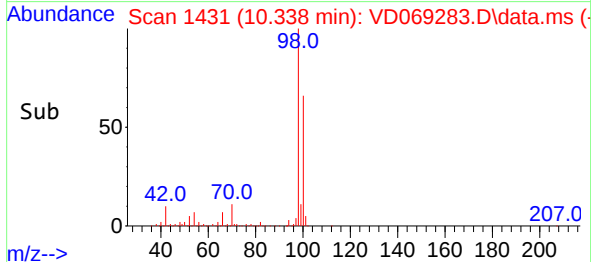
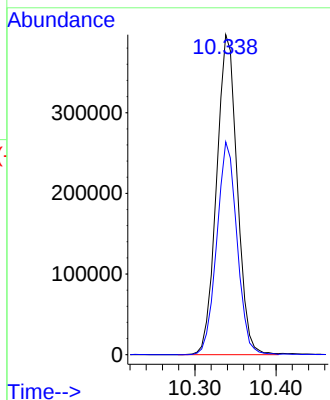
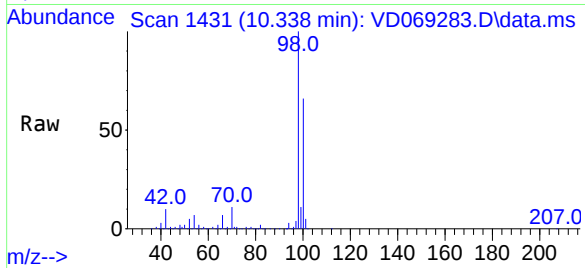




#50
Toluene-d8
Concen: 40.98 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

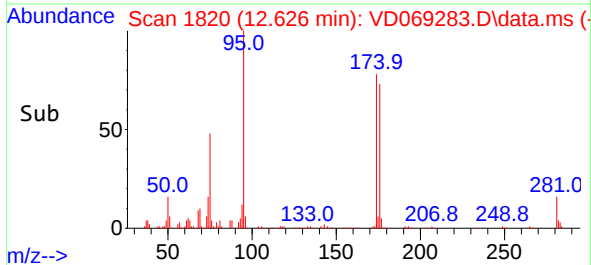
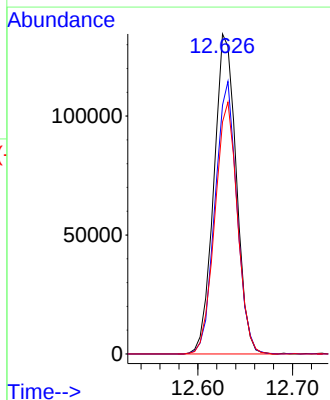
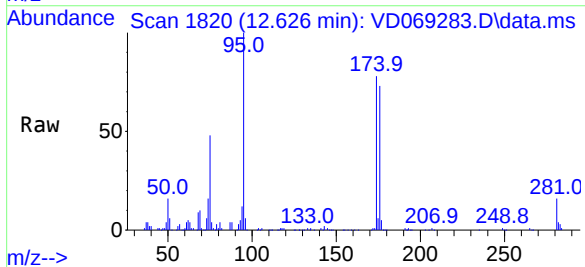
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

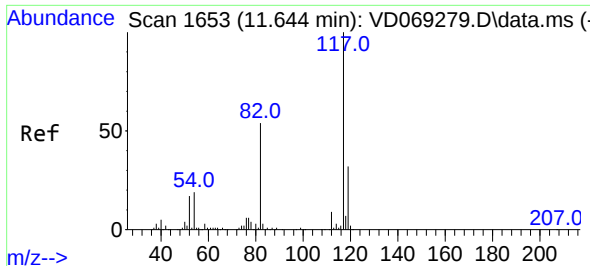
Tgt Ion: 98 Resp: 700311
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.61 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

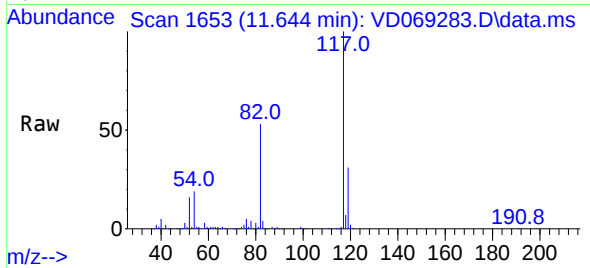
Tgt Ion: 95 Resp: 221785
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.8
176 78.9 0.0 154.4





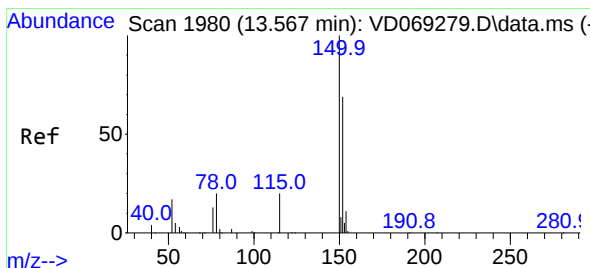
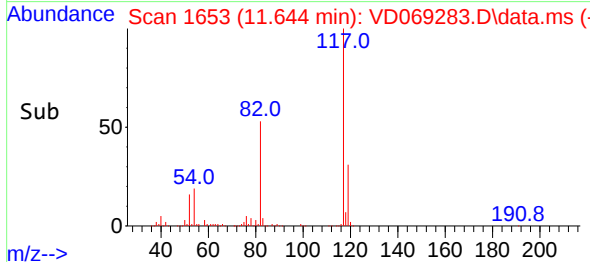
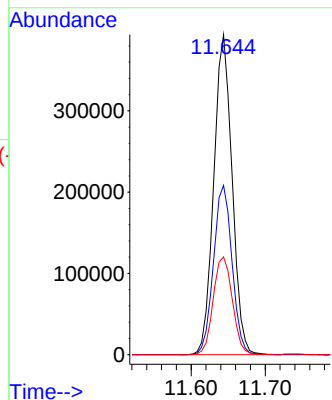
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

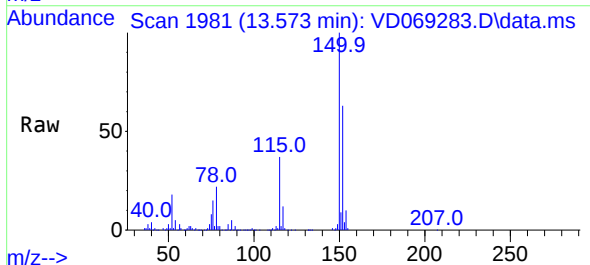


Tgt Ion:117 Resp: 676600

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.3	64.9
119	30.5	25.3	37.9

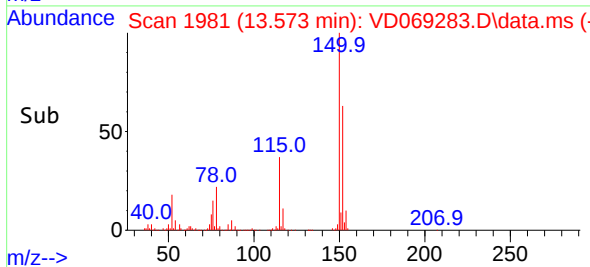
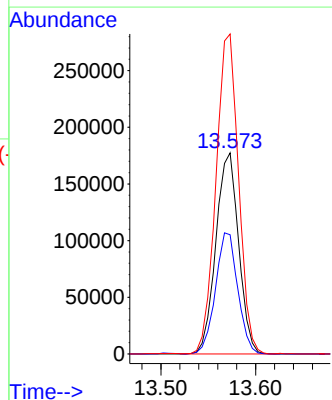


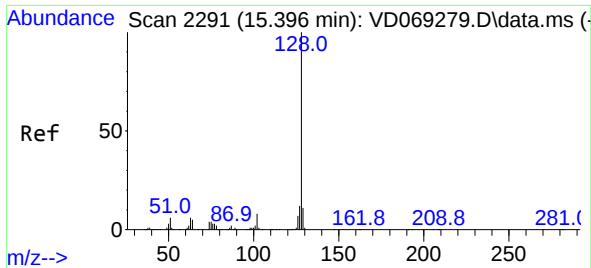
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05



Tgt Ion:152 Resp: 295864

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.4	88.3
150	157.7	0.0	355.0





#95
Naphthalene
Concen: 4.01 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069283.D
Acq: 01 Jun 2021 15:05

Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

Tgt Ion:	128	Resp:	7690
Ion	Ratio	Lower	Upper
128	100		
127	19.6	10.4	15.6#
129	10.1	8.8	13.2

