

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068188.D
 Acq On : 26 Jan 2021 16:06
 Operator : VA/SY
 Sample : M1237-01
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-012621

Quant Time: Jan 27 00:12:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

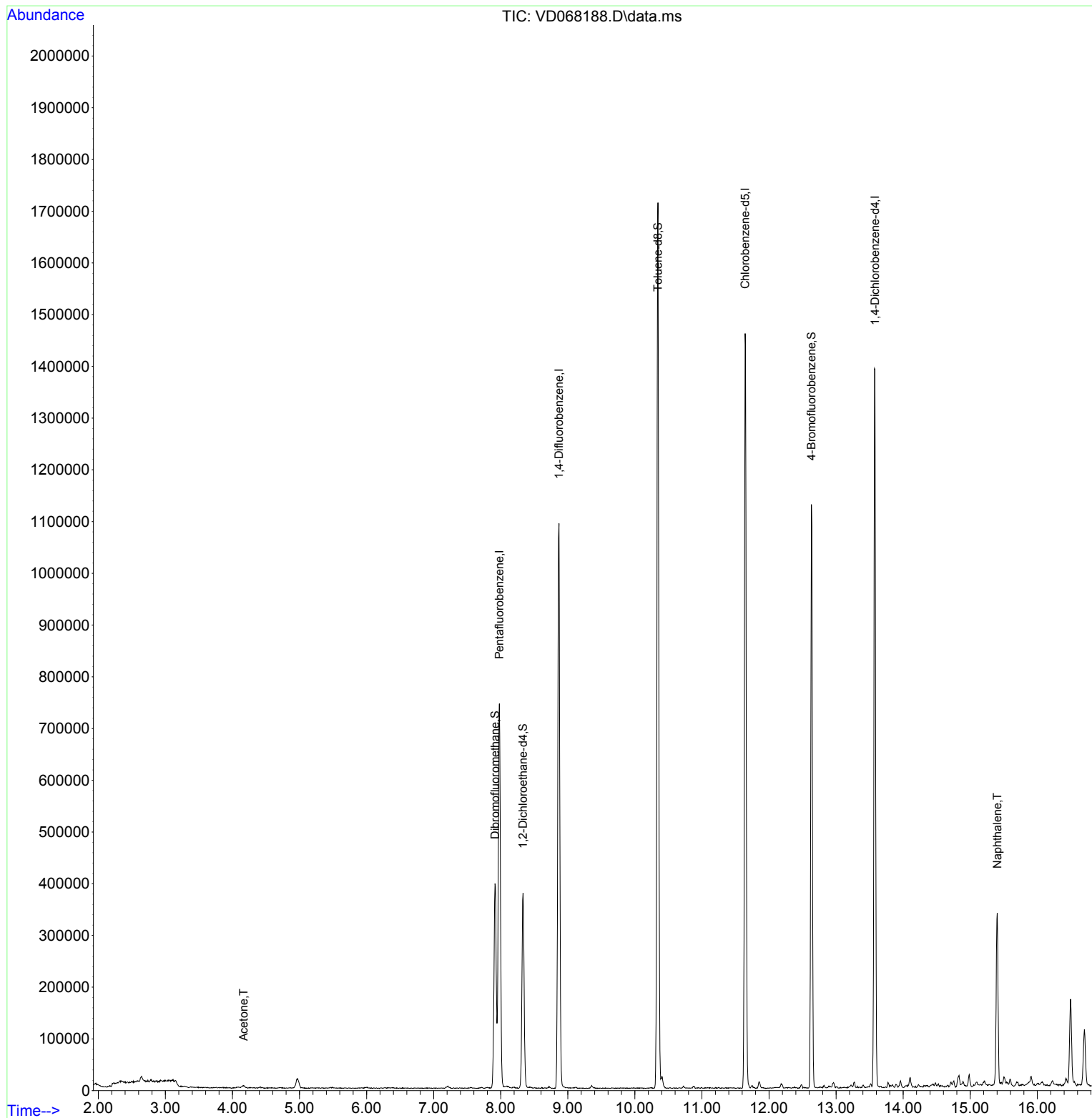
Internal Standards						
1) Pentafluorobenzene	7.979	168	578202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	994505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	885608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	381245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	301851	54.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.14%	
35) Dibromofluoromethane	7.914	113	293871	53.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.90%	
50) Toluene-d8	10.344	98	1224098	55.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.32%	
62) 4-Bromofluorobenzene	12.632	95	393293	49.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.32%	
Target Compounds						
						Qvalue
16) Acetone	4.168	43	8361	8.47	ug/l	89
95) Naphthalene	15.402	128	308331	21.42	ug/l	100

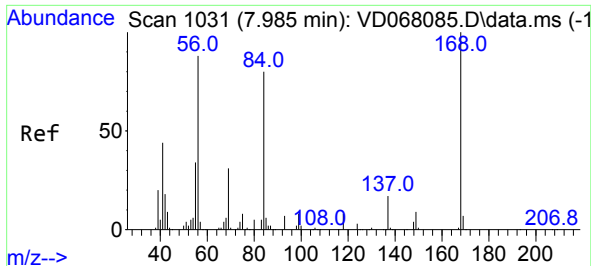
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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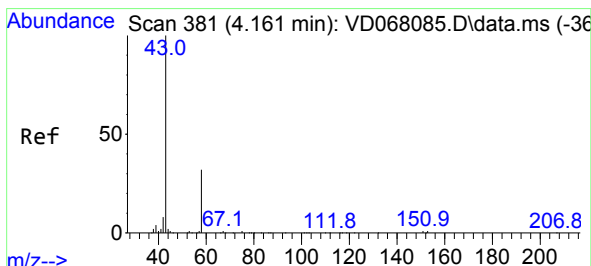
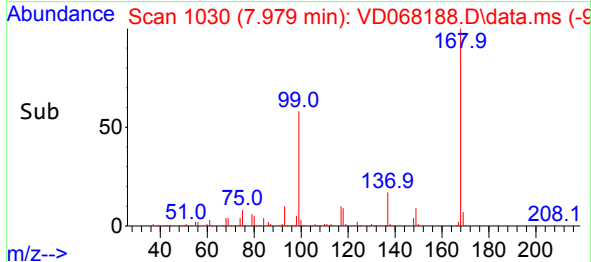
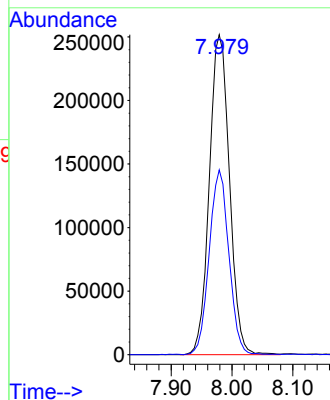
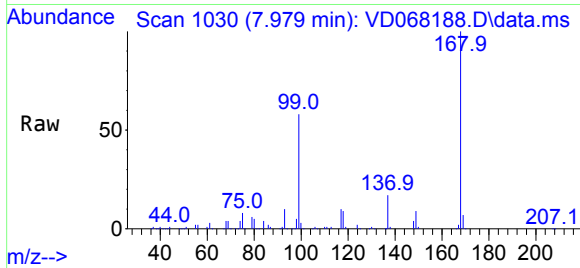




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068188.D
Acq: 26 Jan 2021 16:06

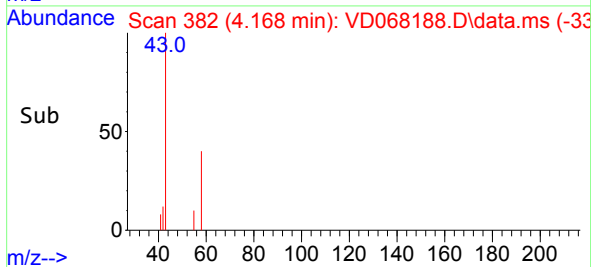
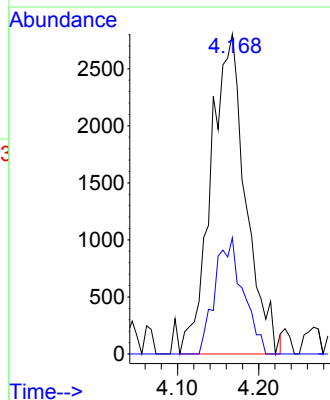
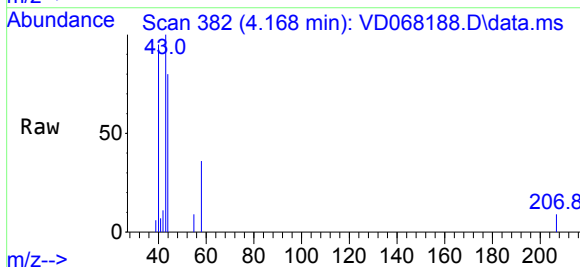
Instrument :
MSVOA_D
ClientSampleId :
SU-01-012621

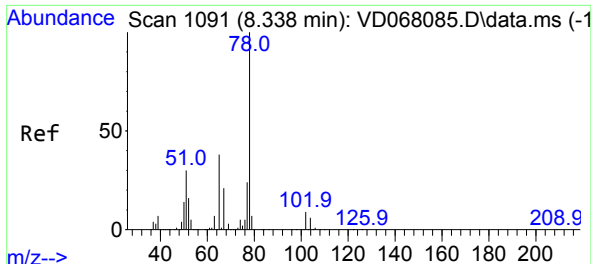
Tgt Ion:168 Resp: 578202
Ion Ratio Lower Upper
168 100
99 57.7 43.5 65.3



#16
Acetone
Concen: 8.47 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068188.D
Acq: 26 Jan 2021 16:06

Tgt Ion: 43 Resp: 8361
Ion Ratio Lower Upper
43 100
58 36.3 24.2 36.4

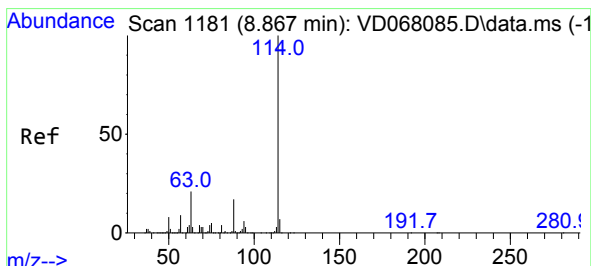
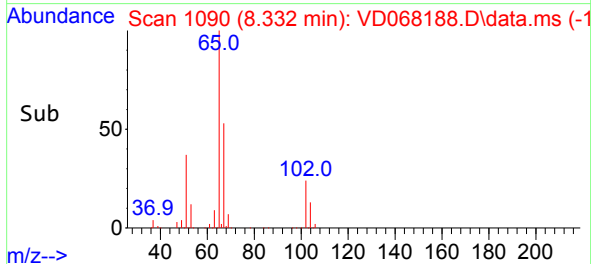
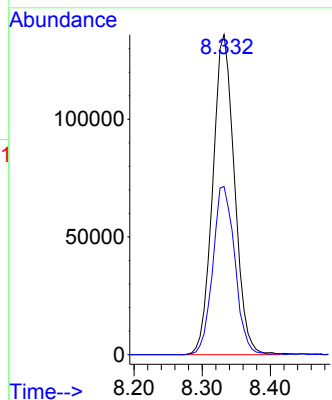
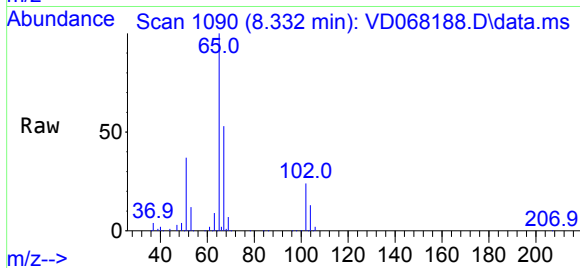




#33
1,2-Dichloroethane-d4
Concen: 54.57 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068188.D
Acq: 26 Jan 2021 16:06

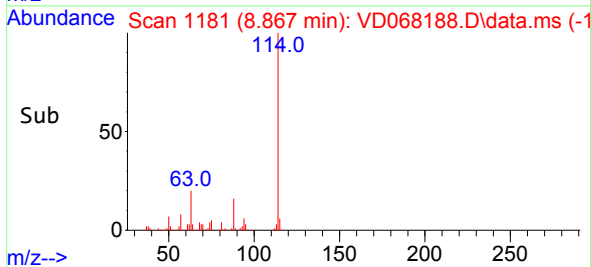
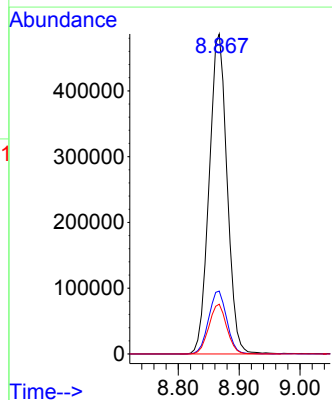
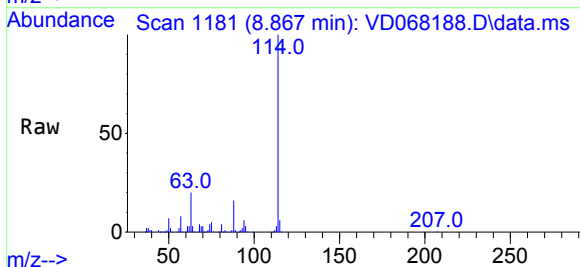
Instrument :
MSVOA_D
ClientSampleId :
SU-01-012621

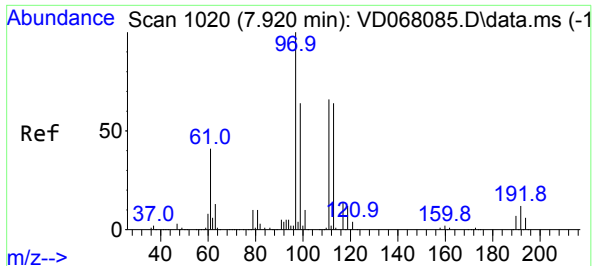
Tgt Ion: 65 Resp: 301851
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068188.D
Acq: 26 Jan 2021 16:06

Tgt Ion:114 Resp: 994505
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.45 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068188.D

Acq: 26 Jan 2021 16:06

Instrument :

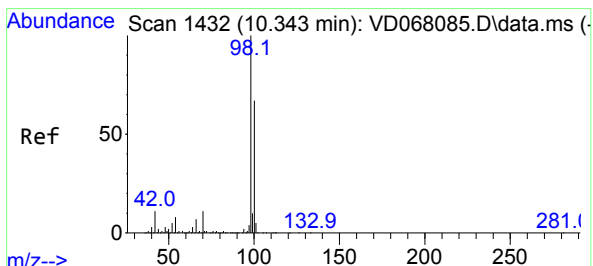
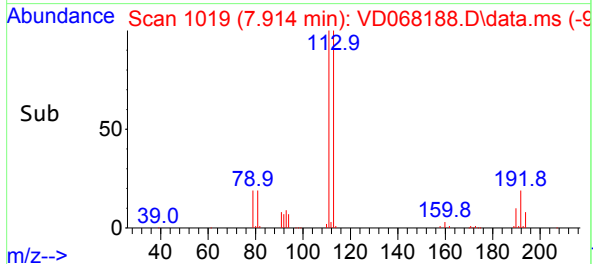
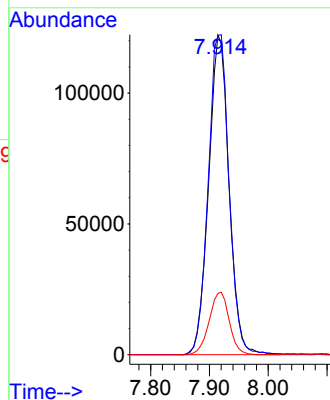
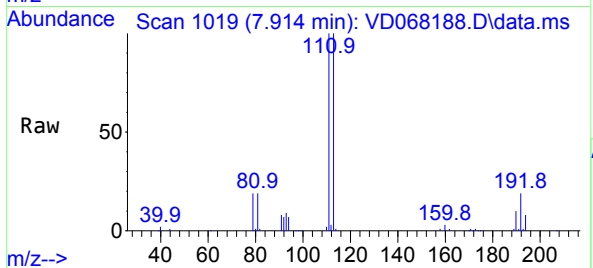
MSVOA_D

ClientSampleId :

SU-01-012621

Tgt Ion:113 Resp: 293871

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	19.2	16.1	24.1



#50

Toluene-d8

Concen: 55.66 ug/l

RT: 10.344 min Scan# 1432

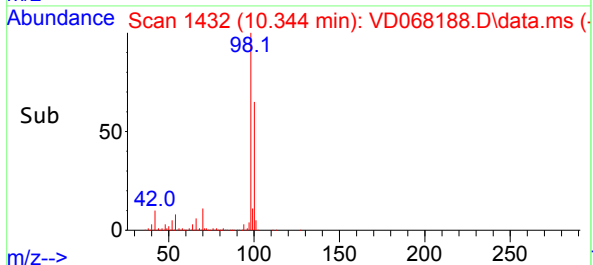
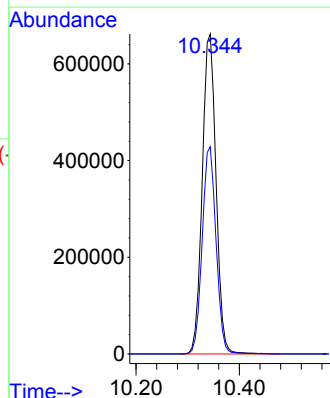
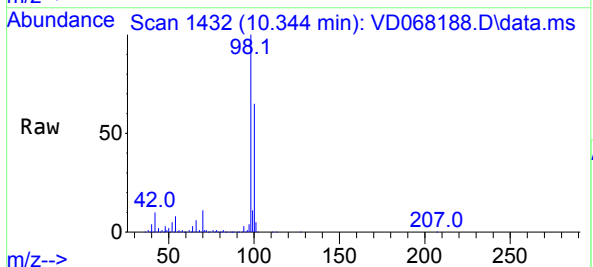
Delta R.T. 0.000 min

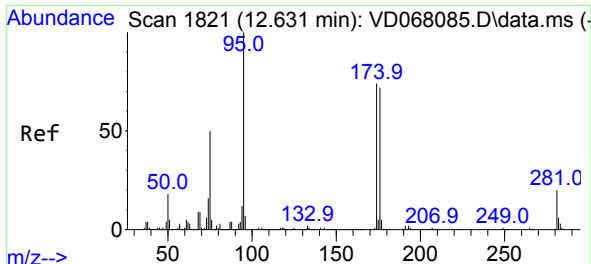
Lab File: VD068188.D

Acq: 26 Jan 2021 16:06

Tgt Ion: 98 Resp: 1224098

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4

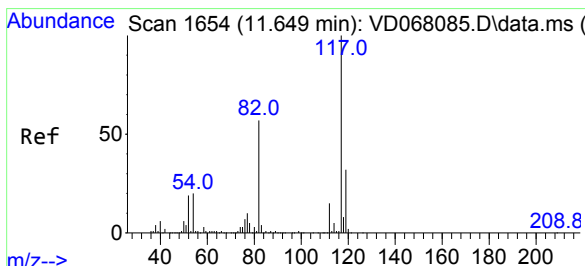
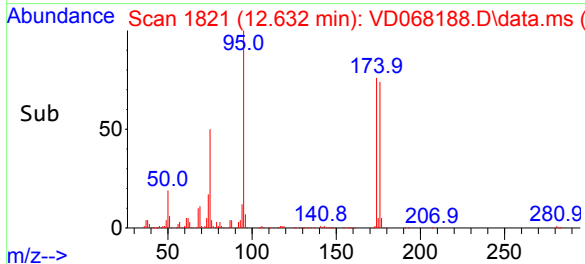
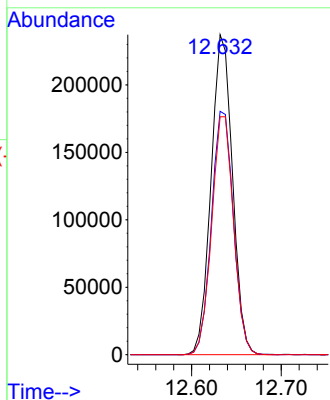
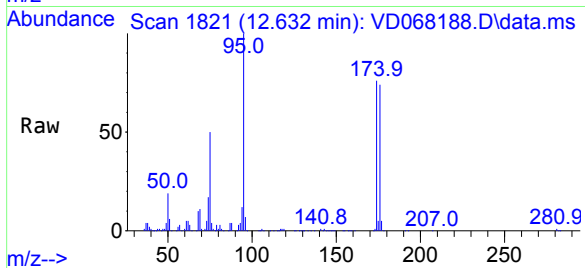




#62
4-Bromofluorobenzene
Concen: 49.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068188.D
Acq: 26 Jan 2021 16:06

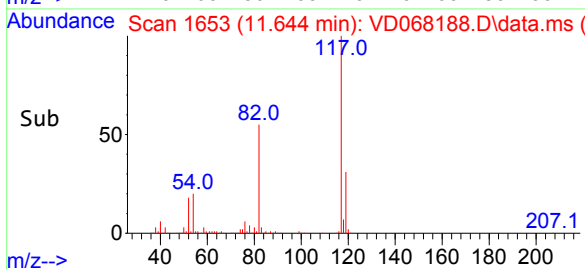
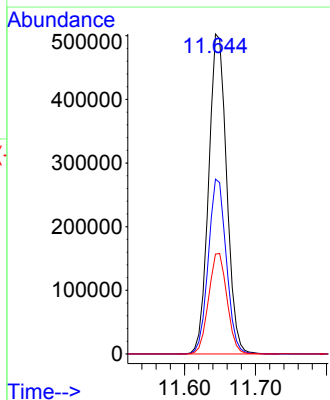
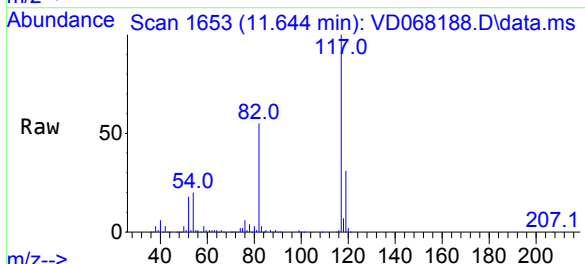
Instrument :
MSVOA_D
ClientSampleId :
SU-01-012621

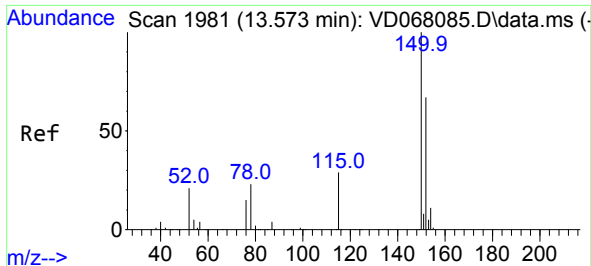
Tgt Ion: 95 Resp: 393293
Ion Ratio Lower Upper
95 100
174 78.1 0.0 172.4
176 76.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068188.D
Acq: 26 Jan 2021 16:06

Tgt Ion: 117 Resp: 885608
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.0
119 31.2 26.1 39.1

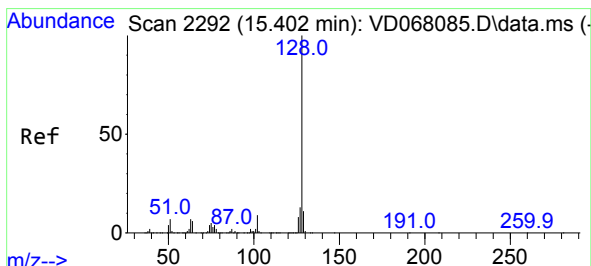
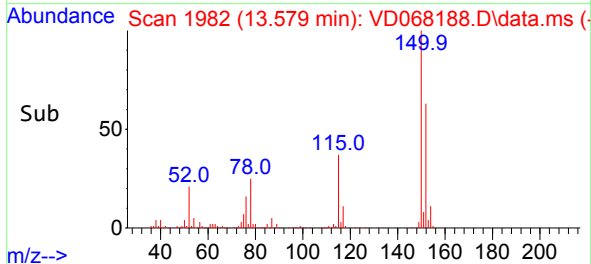
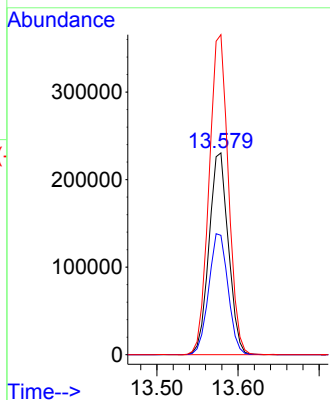
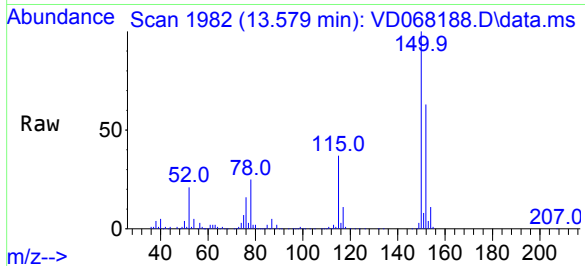




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068188.D
Acq: 26 Jan 2021 16:06

Instrument :
MSVOA_D
ClientSampled :
SU-01-012621

Tgt Ion:152 Resp: 381245
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 158.0 0.0 344.4



#95
Naphthalene
Concen: 21.42 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068188.D
Acq: 26 Jan 2021 16:06

Tgt Ion:128 Resp: 308331
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.8 13.2

