

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068016.D
 Acq On : 06 Jan 2021 16:22
 Operator : VA/SY
 Sample : M1021-01
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-010621

Quant Time: Jan 07 00:11:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

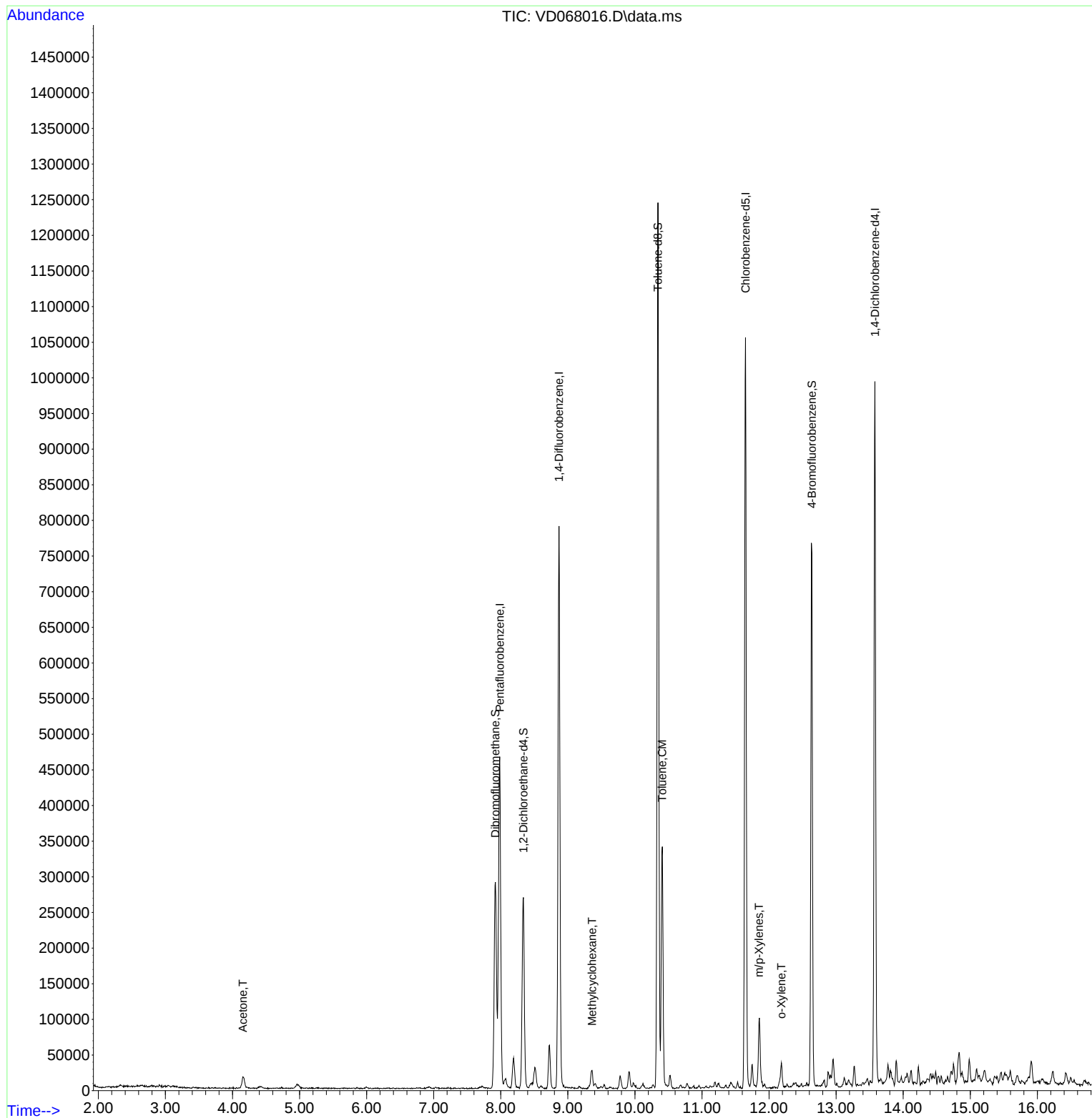
Internal Standards						
1) Pentafluorobenzene	7.985	168	317912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	654761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	597387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	255570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	214046	62.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.70%
35) Dibromofluoromethane	7.920	113	210227	50.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.92%
50) Toluene-d8	10.344	98	818765	52.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.60%
62) 4-Bromofluorobenzene	12.638	95	258157	48.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.34%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	28309	43.19	ug/l #	84
39) Methylcyclohexane	9.361	83	8187	1.03	ug/l #	76
52) Toluene	10.408	92	146422	11.75	ug/l	100
68) m/p-Xylenes	11.849	106	24176	2.76	ug/l	93
69) o-Xylene	12.185	106	8832	1.13	ug/l	94

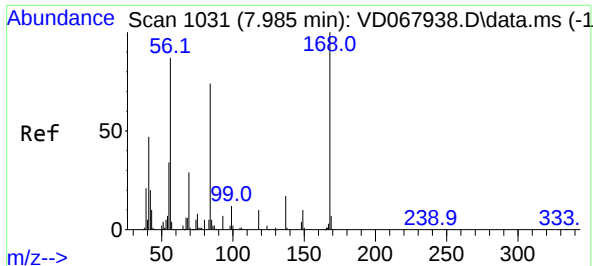
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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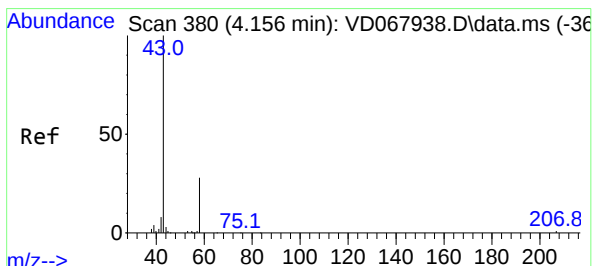
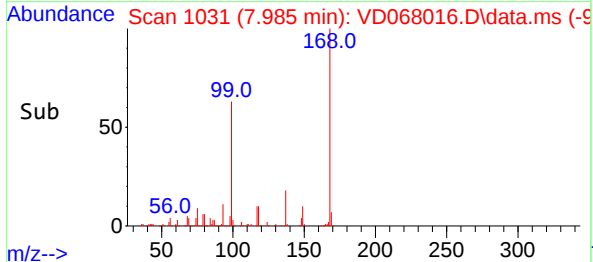
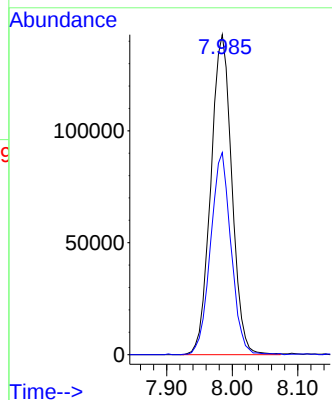
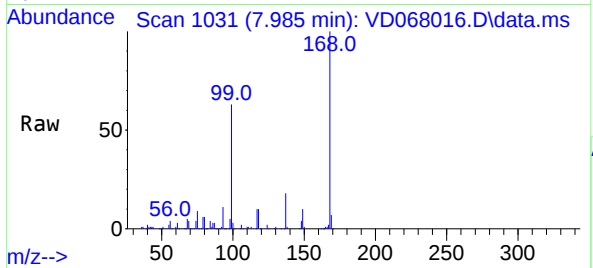




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

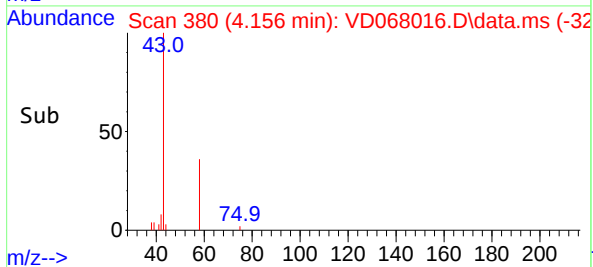
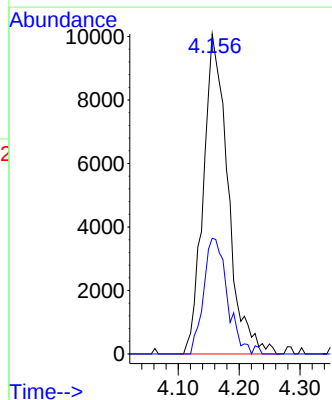
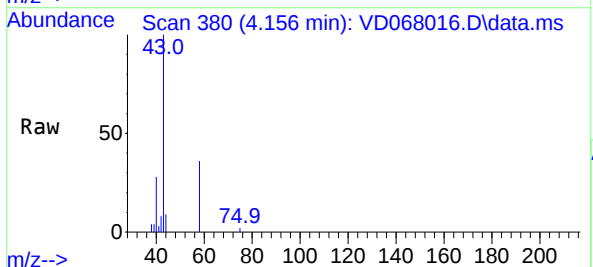
Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

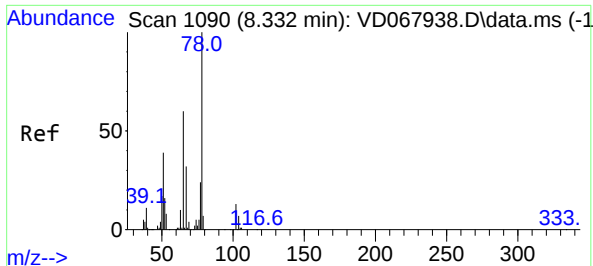
Tgt Ion:168 Resp: 317912
Ion Ratio Lower Upper
168 100
99 63.2 48.0 72.0



#16
Acetone
Concen: 43.19 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

Tgt Ion: 43 Resp: 28309
Ion Ratio Lower Upper
43 100
58 36.2 22.3 33.5#

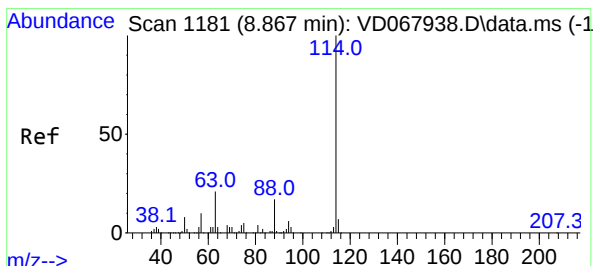
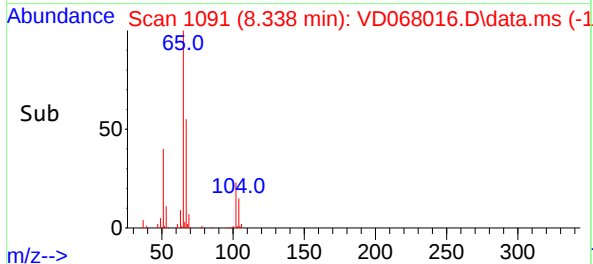
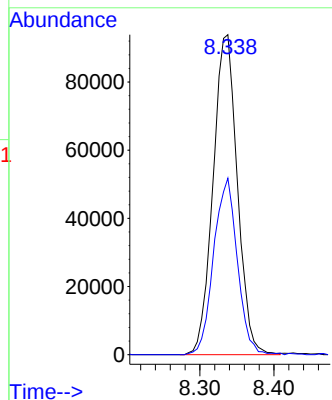
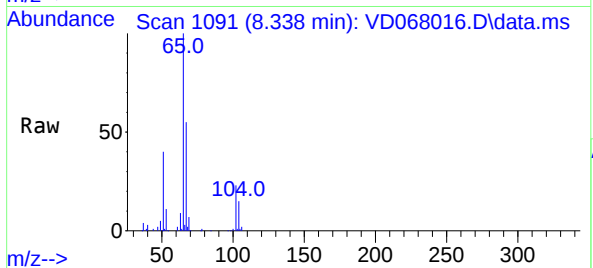




#33
1,2-Dichloroethane-d4
Concen: 62.35 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

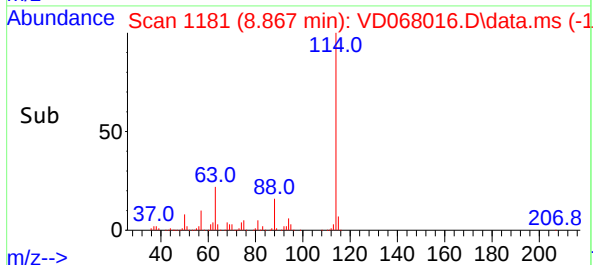
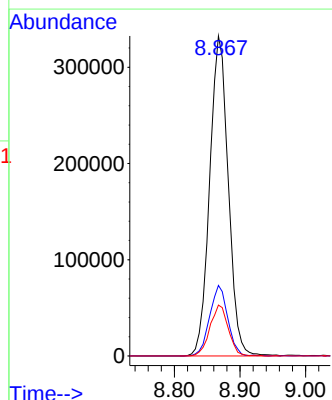
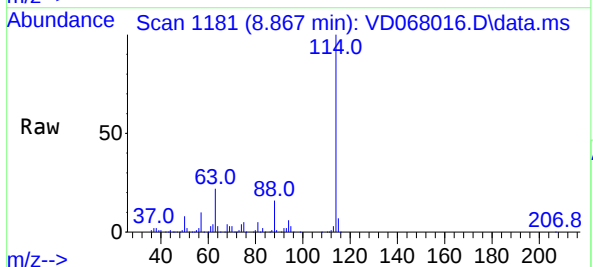
Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

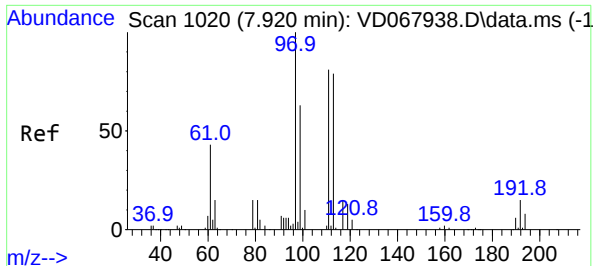
Tgt Ion: 65 Resp: 214046
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

Tgt Ion: 114 Resp: 654761
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.4
88 15.9 0.0 33.2



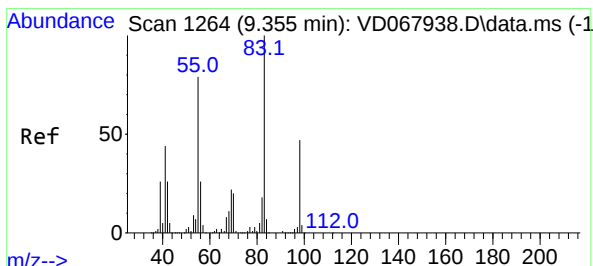
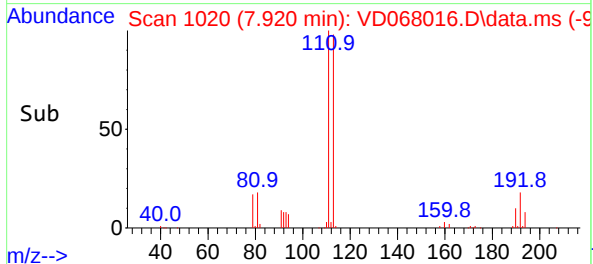
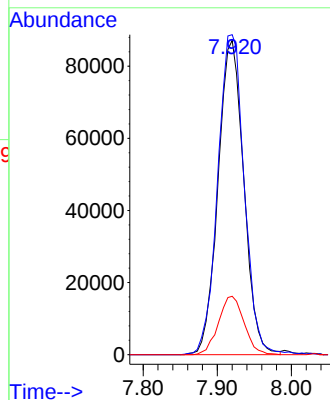
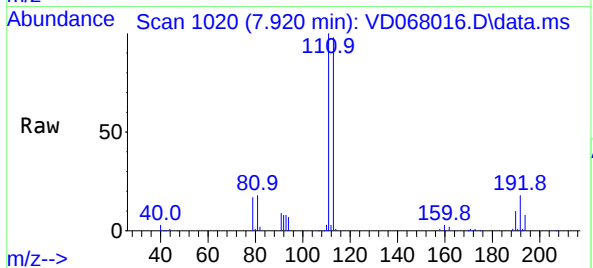


#35

Dibromofluoromethane
Concen: 50.96 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

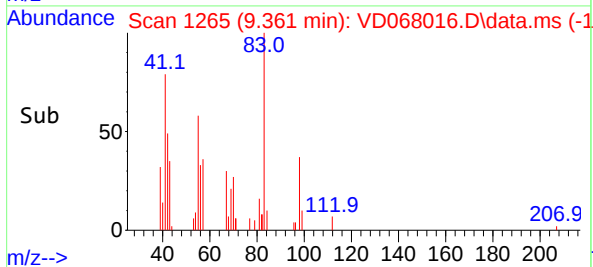
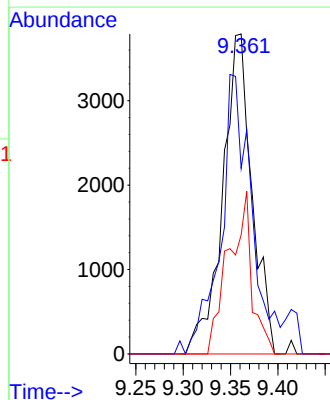
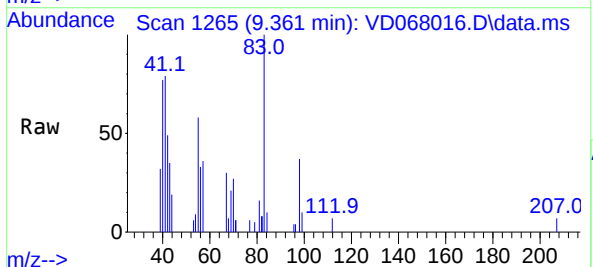
Tgt Ion:113 Resp: 210227
Ion Ratio Lower Upper
113 100
111 105.0 79.3 118.9
192 18.5 14.5 21.7

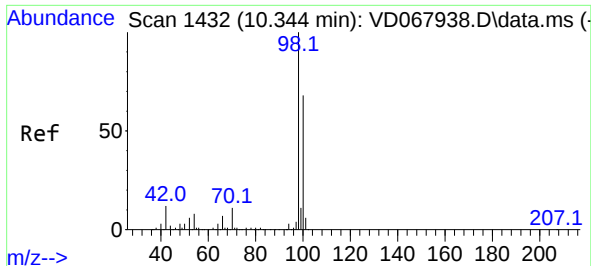


#39

Methylcyclohexane
Concen: 1.03 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

Tgt Ion: 83 Resp: 8187
Ion Ratio Lower Upper
83 100
55 53.9 63.5 95.3#
98 37.2 37.3 55.9#

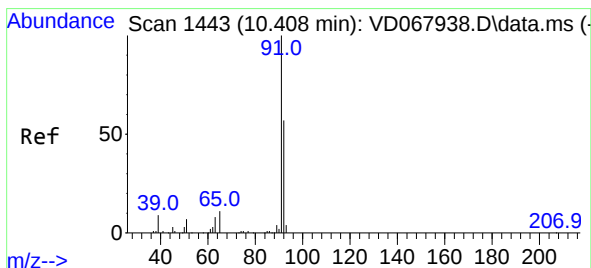
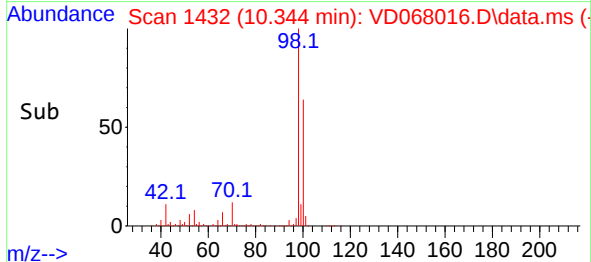
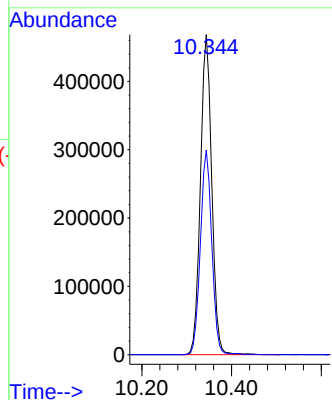
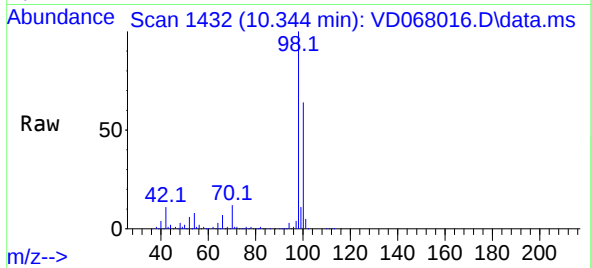




#50
Toluene-d8
Concen: 52.80 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

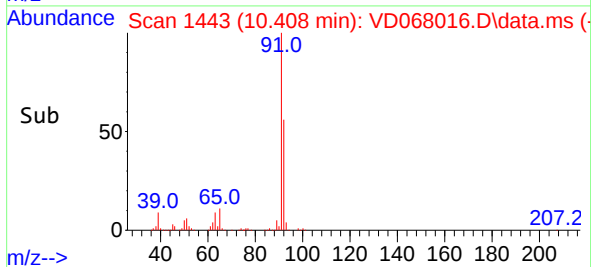
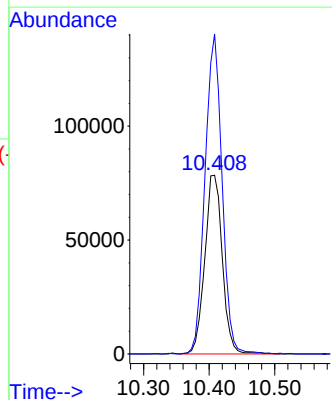
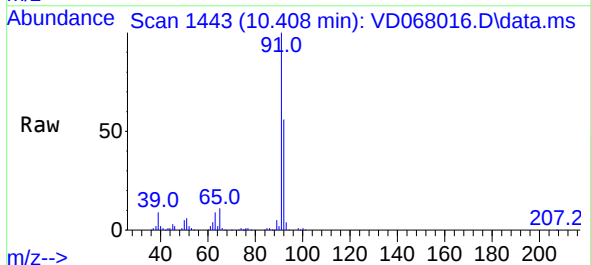
Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

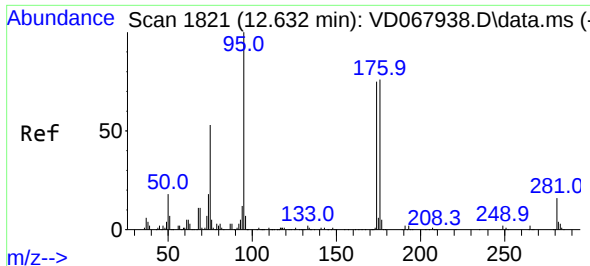
Tgt Ion: 98 Resp: 818765
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#52
Toluene
Concen: 11.75 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

Tgt Ion: 92 Resp: 146422
Ion Ratio Lower Upper
92 100
91 173.5 138.5 207.7



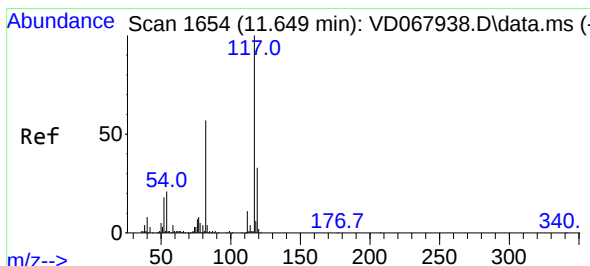
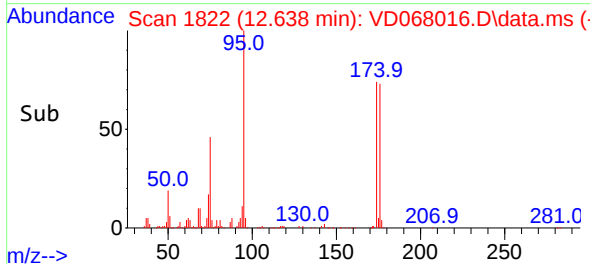
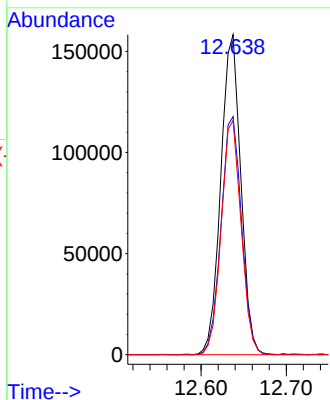
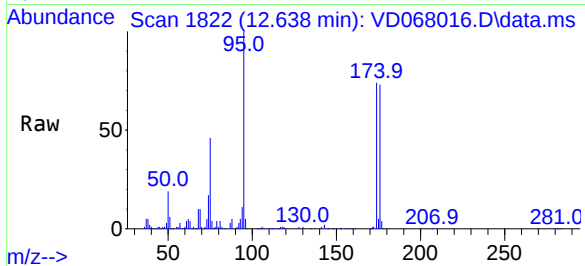


#62
4-Bromofluorobenzene
Concen: 48.67 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

Tgt Ion: 95 Resp: 258157

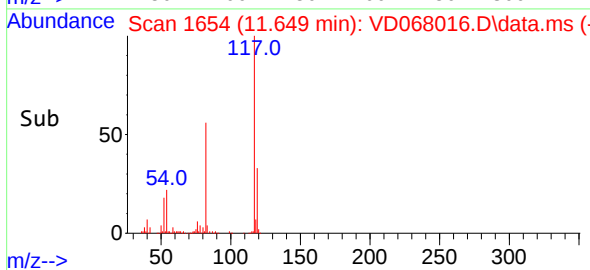
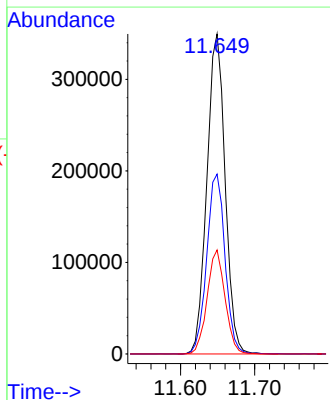
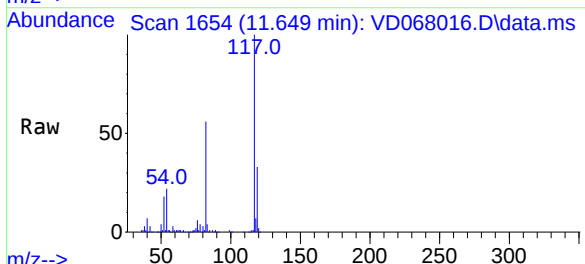
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	150.6
176	72.7	0.0	151.2

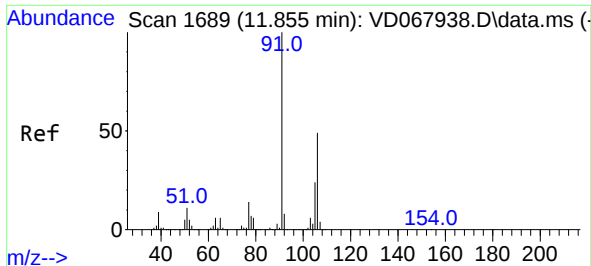


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

Tgt Ion: 117 Resp: 597387

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.4	68.0
119	32.5	26.7	40.1

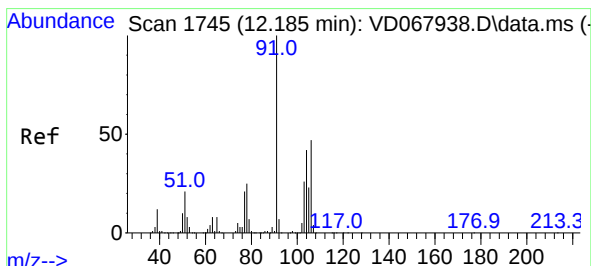
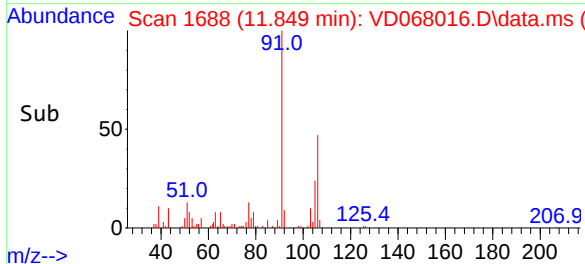
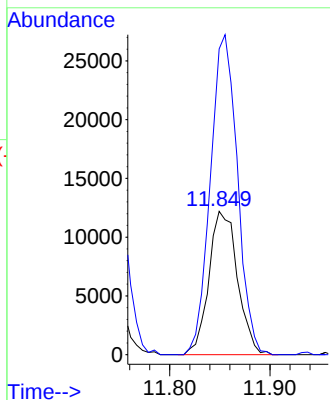
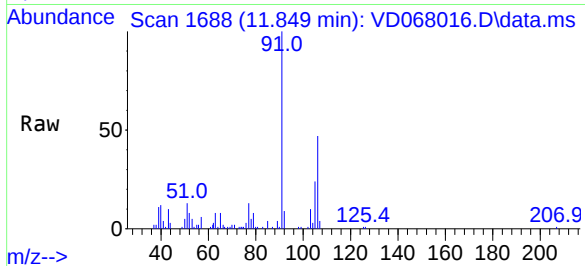




#68
m/p-Xylenes
Concen: 2.76 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

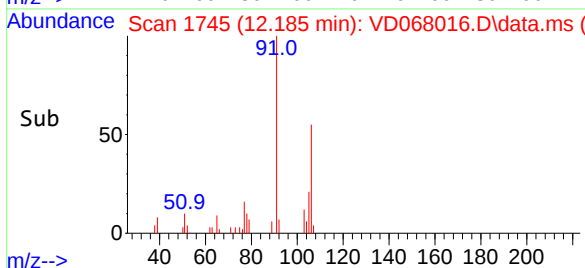
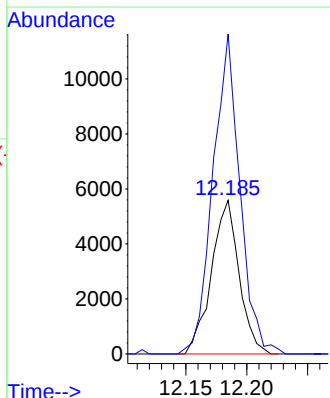
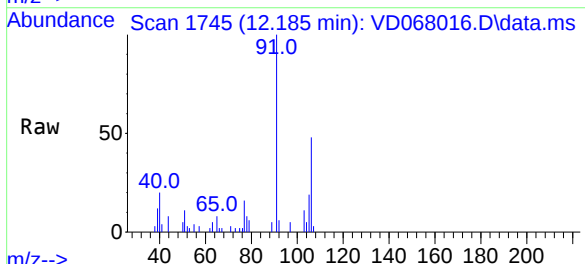
Instrument :
MSVOA_D
ClientSampleId :
OK-02-010621

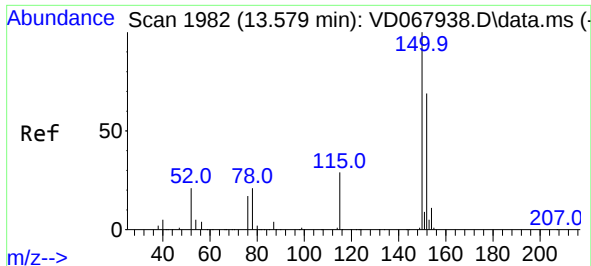
Tgt Ion:106 Resp: 24176
Ion Ratio Lower Upper
106 100
91 211.1 159.9 239.9



#69
o-Xylene
Concen: 1.13 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD068016.D
Acq: 06 Jan 2021 16:22

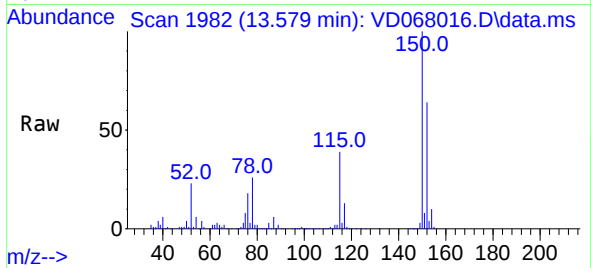
Tgt Ion:106 Resp: 8832
Ion Ratio Lower Upper
106 100
91 202.8 106.0 317.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD068016.D
 Acq: 06 Jan 2021 16:22

Instrument :
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Tgt Ion:152 Resp: 255570

Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	88.0
150	155.0	0.0	340.0

