

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071936.D
 Acq On : 11 Feb 2022 14:16
 Operator : VA/SY
 Sample : N1496-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-021022

Quant Time: Feb 11 23:57:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

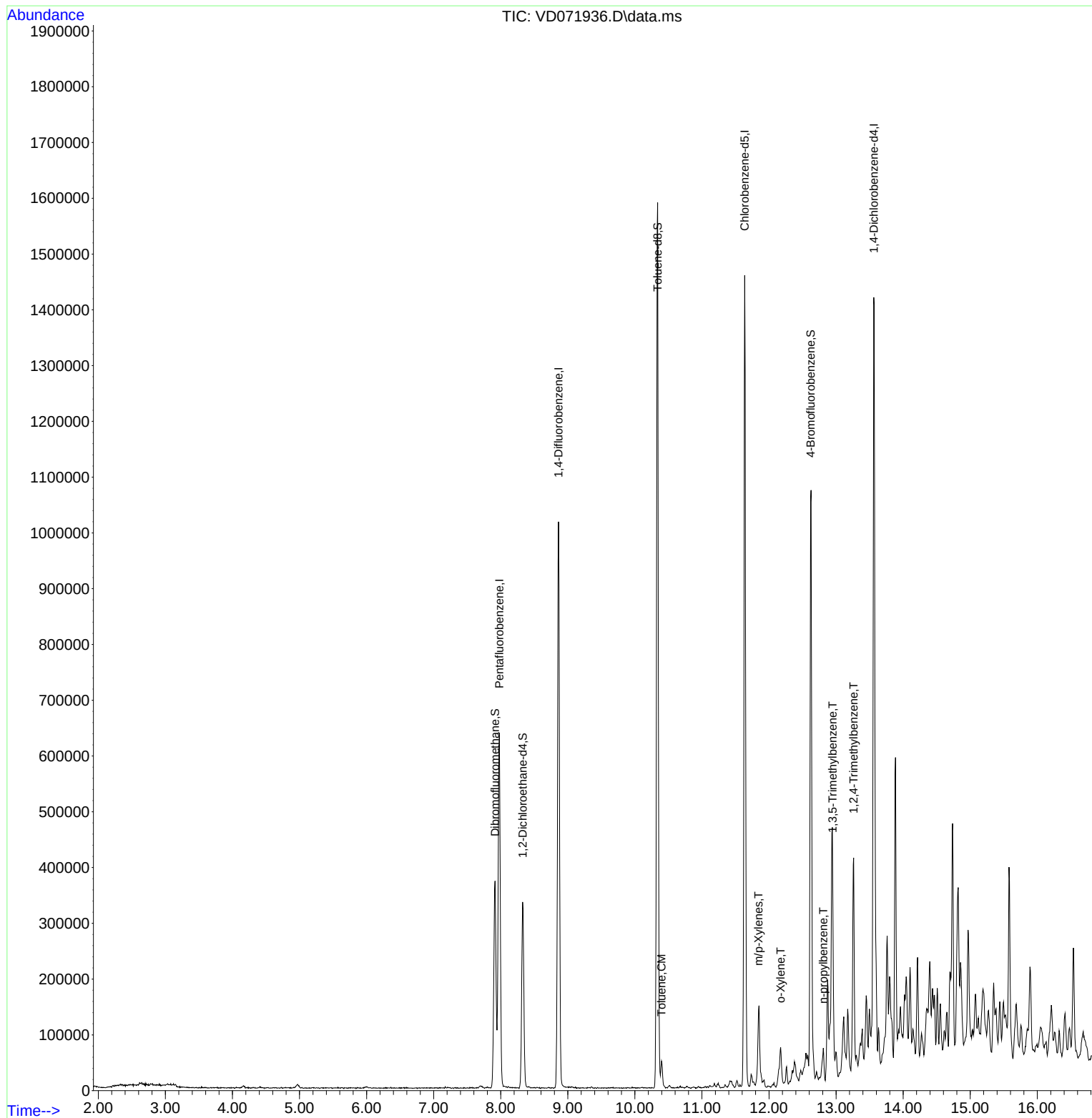
Internal Standards						
1) Pentafluorobenzene	7.979	168	432412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	821829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	762361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	265046	48.495	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.980%		
35) Dibromofluoromethane	7.914	113	259080	47.959	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.920%		
50) Toluene-d8	10.338	98	1038647	51.482	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.960%		
62) 4-Bromofluorobenzene	12.620	95	350500	49.749	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.500%		
Target Compounds					Qvalue	
52) Toluene	10.397	92	16876	1.084	ug/l	100
68) m/p-Xylenes	11.844	106	23211	2.056	ug/l	96
69) o-Xylene	12.173	106	14893	1.452	ug/l	96
78) n-propylbenzene	12.808	91	36885	1.121	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	57811	2.657	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	208604	9.747	ug/l	100

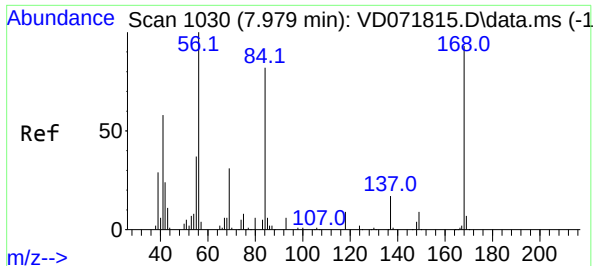
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071936.D

Acq: 11 Feb 2022 14:16

Instrument :

MSVOA_D

ClientSampleId :

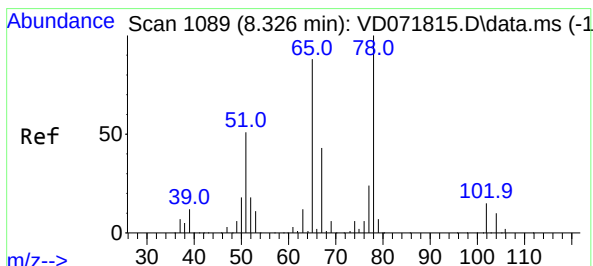
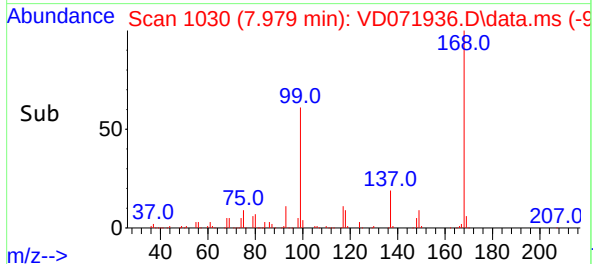
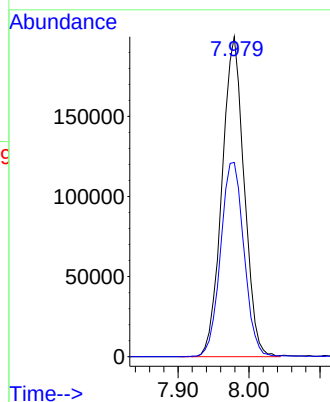
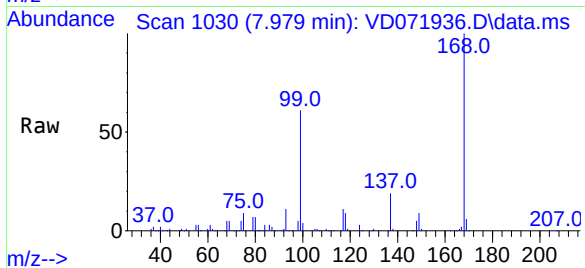
OK-01-021022

Tgt Ion:168 Resp: 432412

Ion Ratio Lower Upper

168 100

99 60.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 48.495 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071936.D

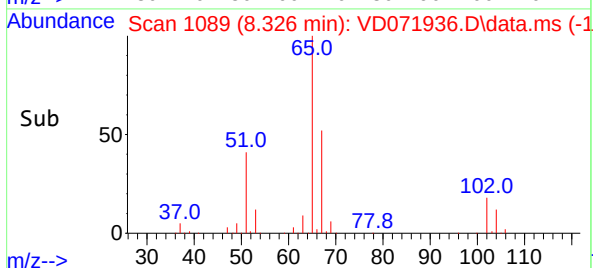
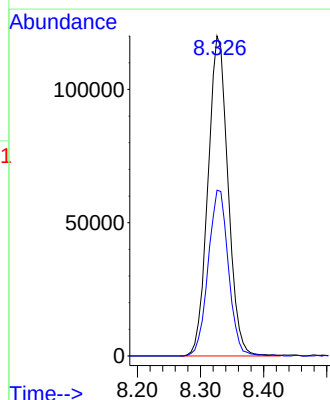
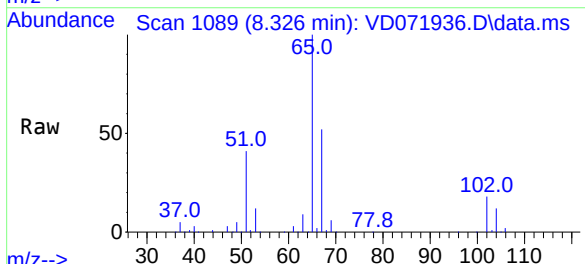
Acq: 11 Feb 2022 14:16

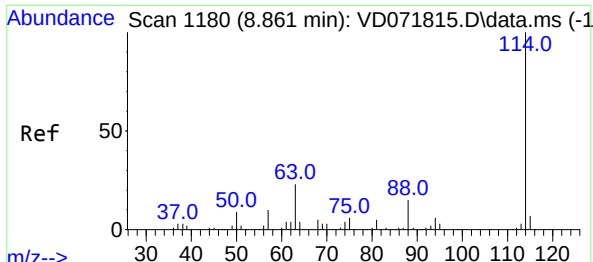
Tgt Ion: 65 Resp: 265046

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4

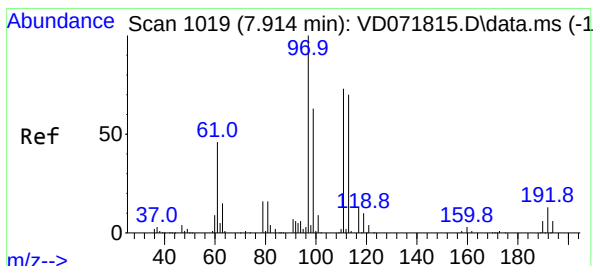
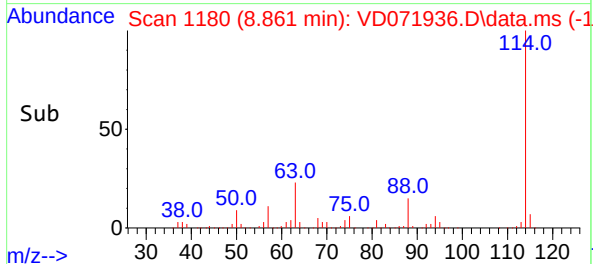
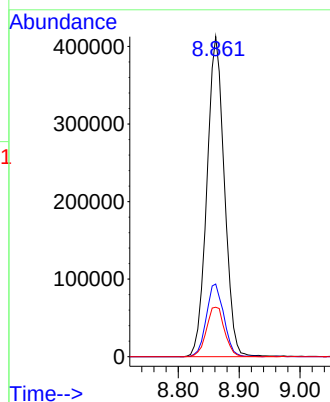
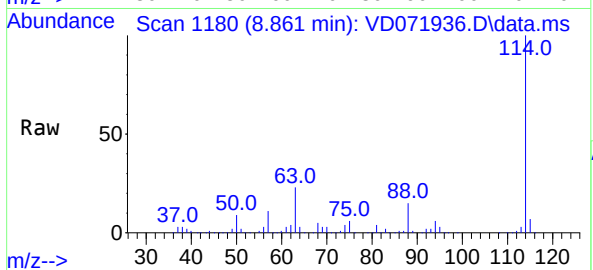




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

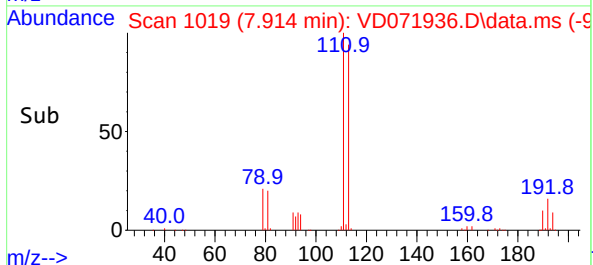
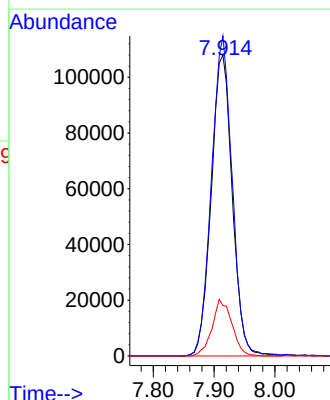
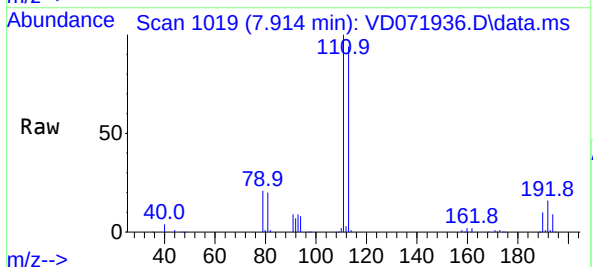
Instrument :
MSVOA_D
ClientSampleId :
OK-01-021022

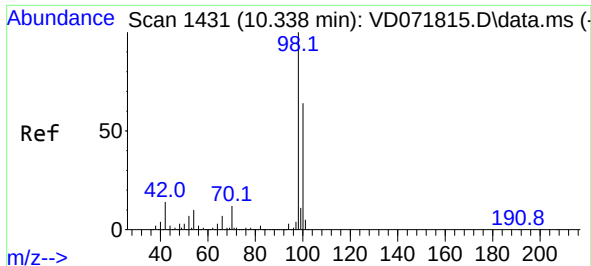
Tgt Ion:114 Resp: 821829
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.6
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.959 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

Tgt Ion:113 Resp: 259080
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 17.7 14.6 21.8

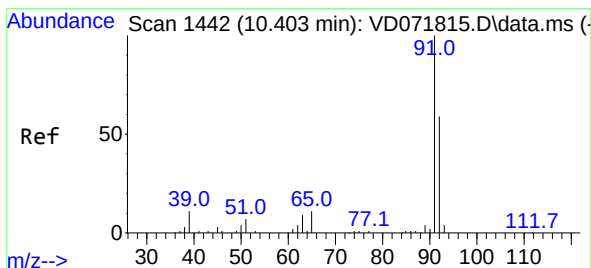
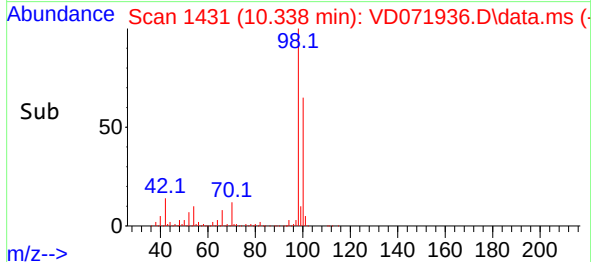
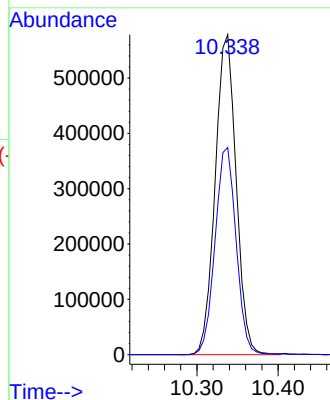
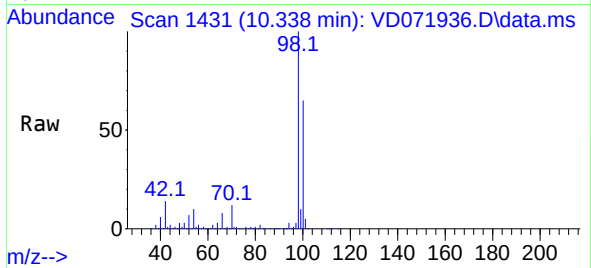




#50
Toluene-d8
Concen: 51.482 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

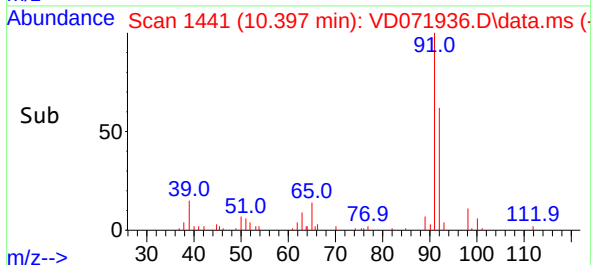
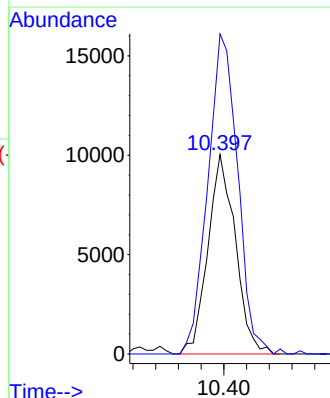
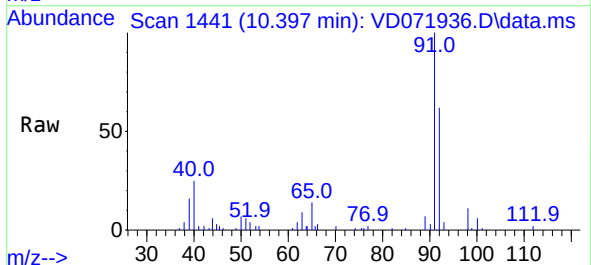
Instrument :
MSVOA_D
ClientSampleId :
OK-01-021022

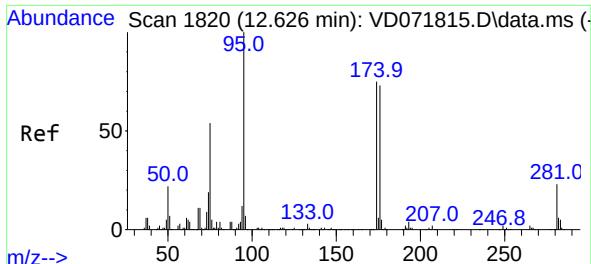
Tgt Ion: 98 Resp: 1038647
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#52
Toluene
Concen: 1.084 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

Tgt Ion: 92 Resp: 16876
Ion Ratio Lower Upper
92 100
91 174.4 139.6 209.4

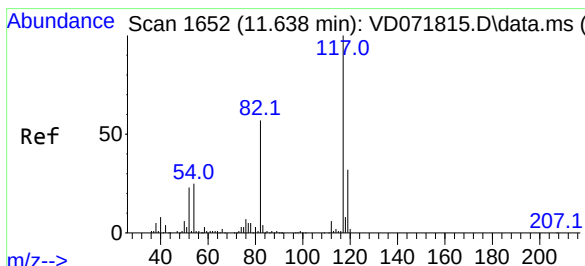
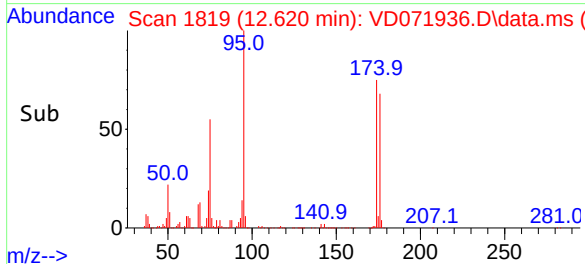
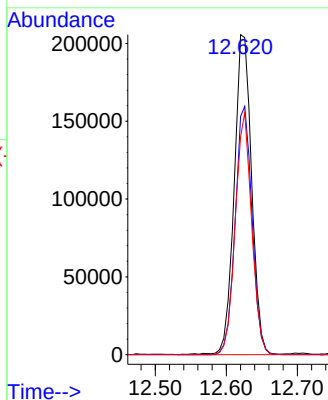
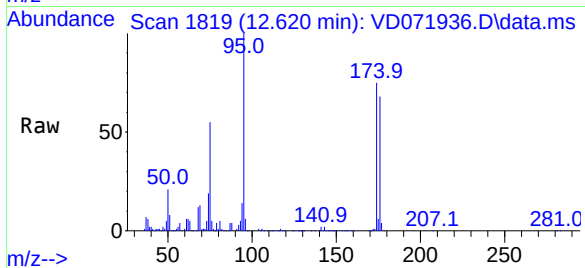




#62
4-Bromofluorobenzene
Concen: 49.749 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

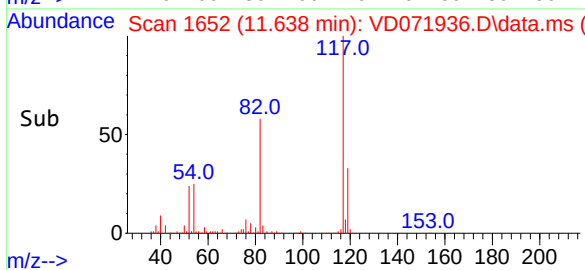
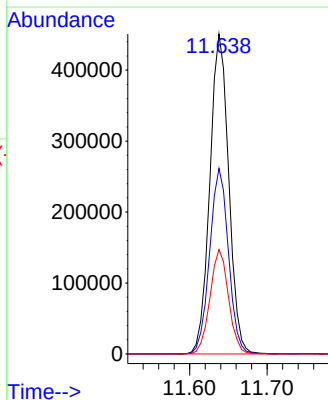
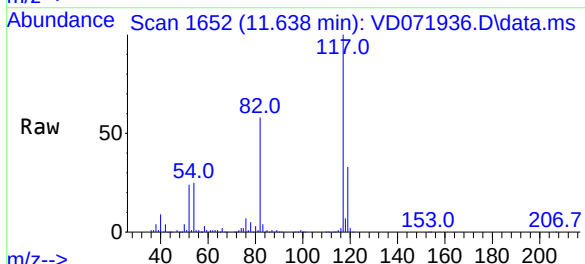
Instrument :
MSVOA_D
ClientSampleId :
OK-01-021022

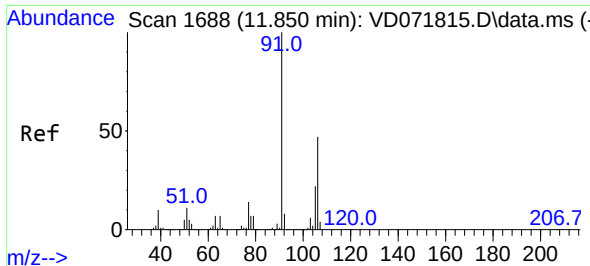
Tgt Ion: 95 Resp: 350500
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 71.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

Tgt Ion: 117 Resp: 762361
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 32.7 26.6 40.0

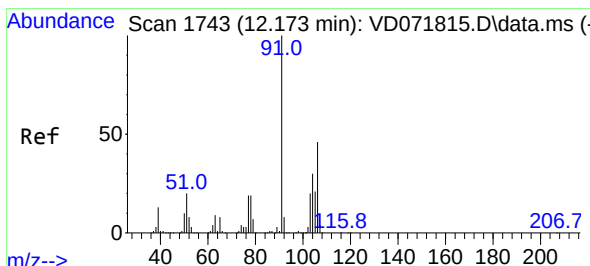
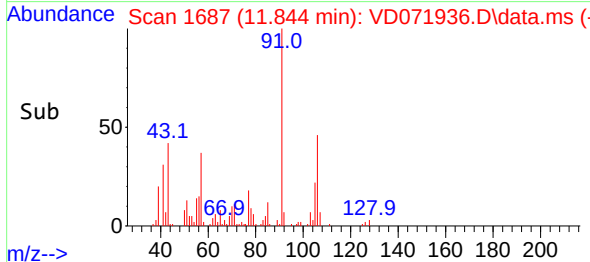
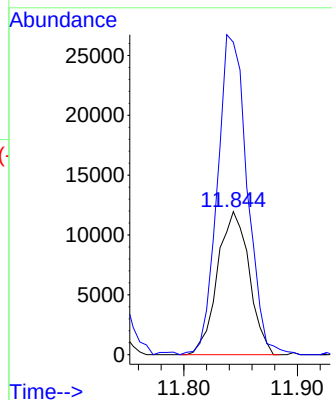
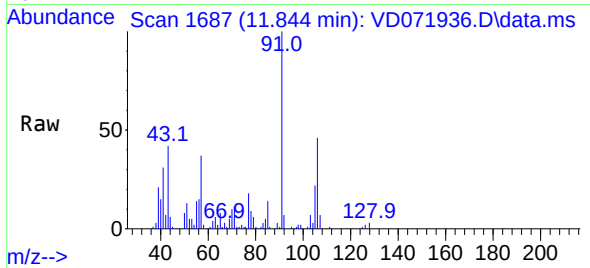




#68
m/p-Xylenes
Concen: 2.056 ug/l
RT: 11.844 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

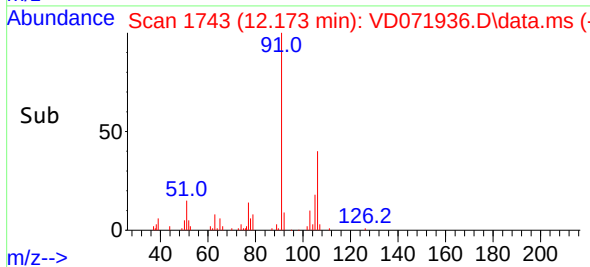
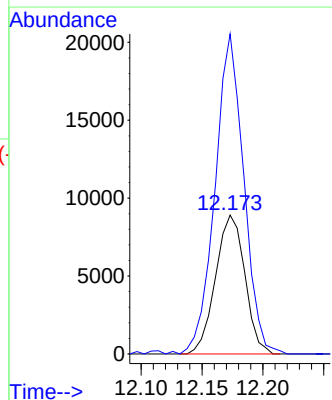
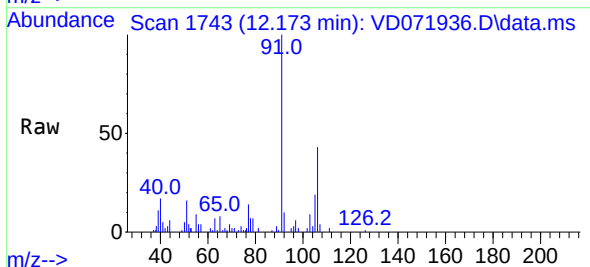
Instrument :
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ClientSampleId :
OK-01-021022

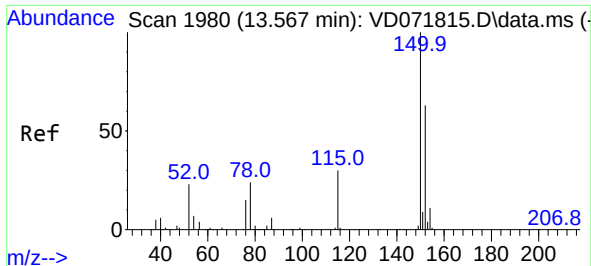
Tgt Ion:106 Resp: 23211
Ion Ratio Lower Upper
106 100
91 210.5 163.7 245.5



#69
o-Xylene
Concen: 1.452 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

Tgt Ion:106 Resp: 14893
Ion Ratio Lower Upper
106 100
91 226.5 110.4 331.2

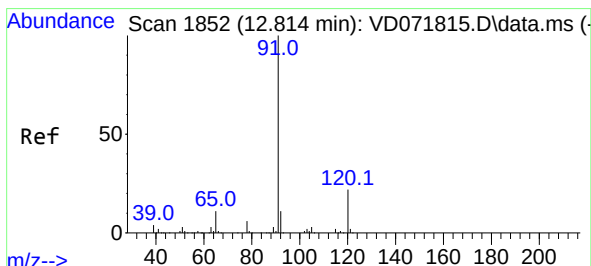
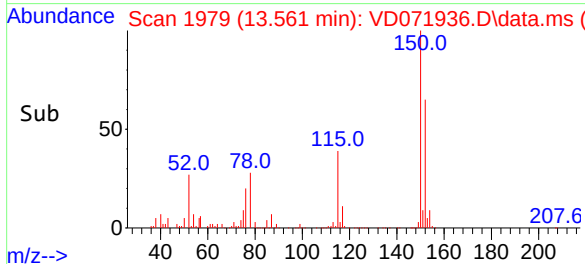
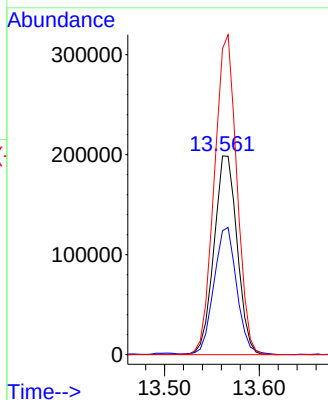
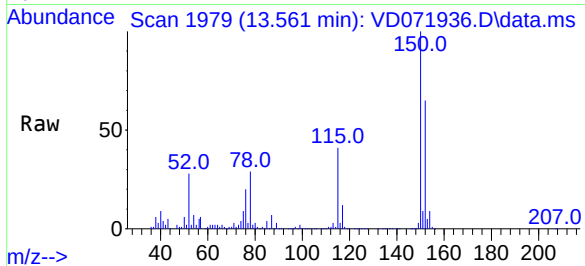




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

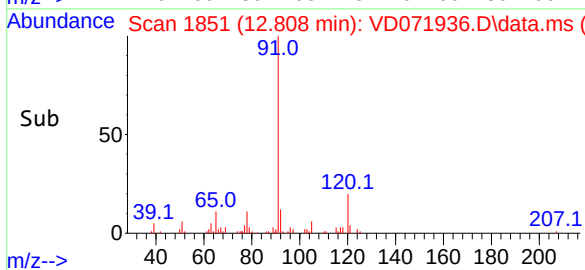
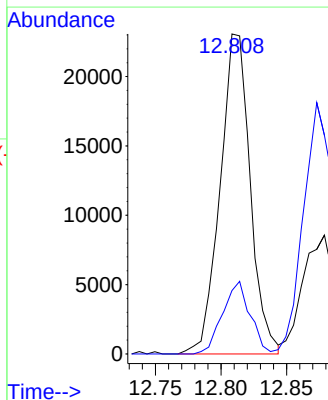
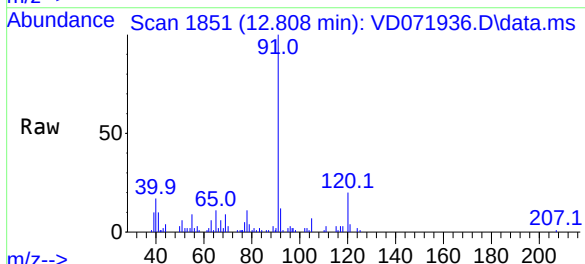
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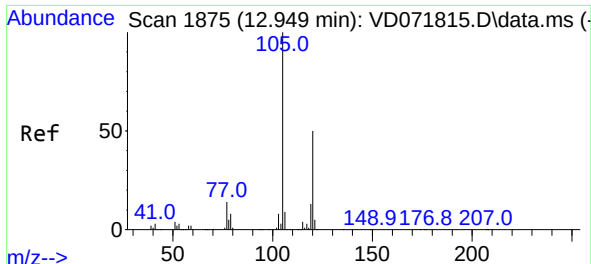
Tgt Ion:152 Resp: 338755
Ion Ratio Lower Upper
152 100
115 63.4 31.3 93.8
150 156.1 0.0 348.6



#78
n-propylbenzene
Concen: 1.121 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

Tgt Ion: 91 Resp: 36885
Ion Ratio Lower Upper
91 100
120 20.7 10.9 32.9

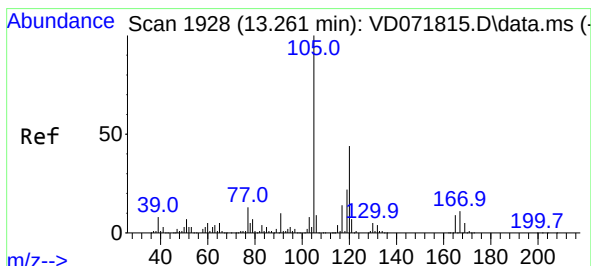
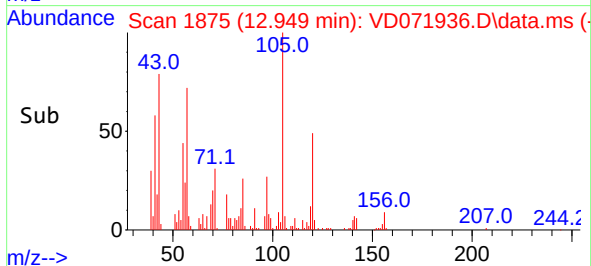
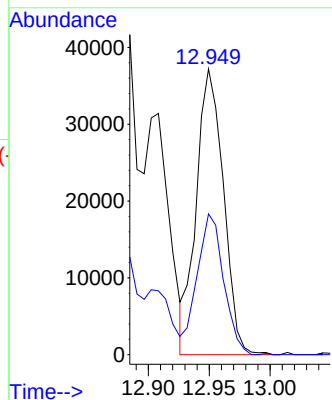
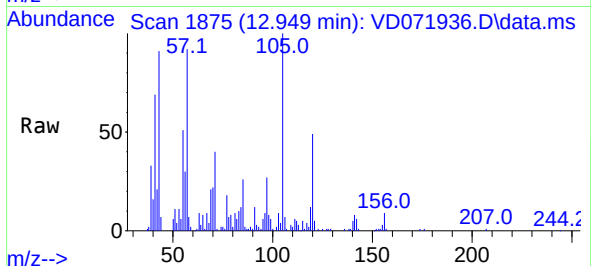




#80
1,3,5-Trimethylbenzene
Concen: 2.657 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

Instrument :
MSVOA_D
ClientSampleId :
OK-01-021022

Tgt Ion:105 Resp: 57811
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 9.747 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071936.D
Acq: 11 Feb 2022 14:16

Tgt Ion:105 Resp: 208604
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8

