

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070026.D
 Acq On : 11 Aug 2021 16:32
 Operator : VA/SY
 Sample : M3346-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LPA-1

Quant Time: Aug 12 05:30:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

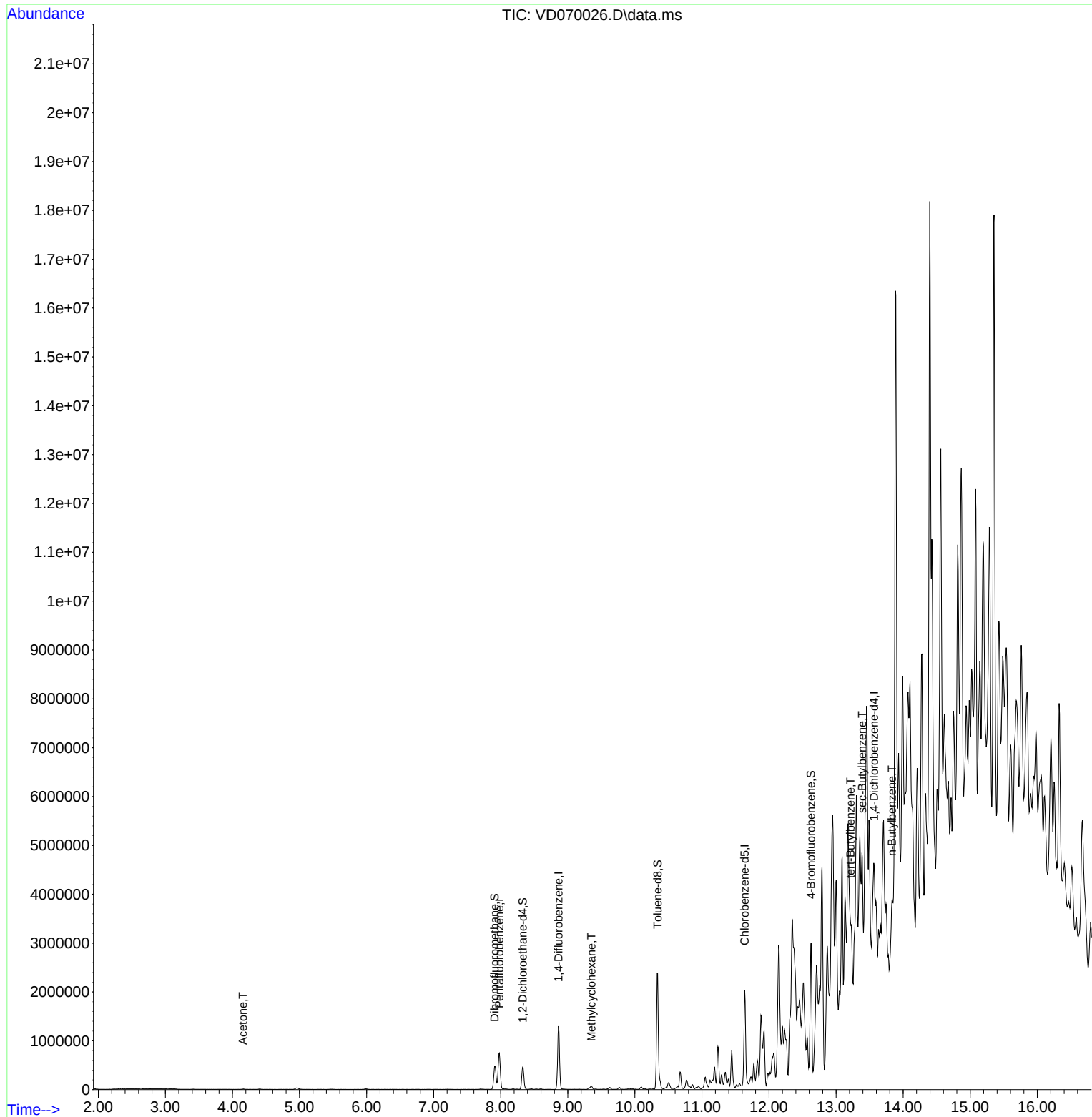
Internal Standards						
1) Pentafluorobenzene	7.979	168	523649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1107532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1132105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	573093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	367300	60.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.980%	
35) Dibromofluoromethane	7.909	113	365384	52.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.660%	
50) Toluene-d8	10.338	98	1505826	55.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.860%	
62) 4-Bromofluorobenzene	12.626	95	664443	73.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 147.700%#	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	14338	13.179	ug/l #	71
39) Methylcyclohexane	9.350	83	25512	1.864	ug/l	88
83) tert-Butylbenzene	13.214	119	156552	5.466	ug/l	91
85) sec-Butylbenzene	13.391	105	433413	9.573	ug/l #	38
89) n-Butylbenzene	13.832	91	233988	6.446	ug/l	98

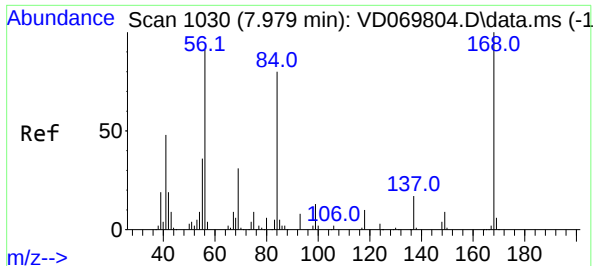
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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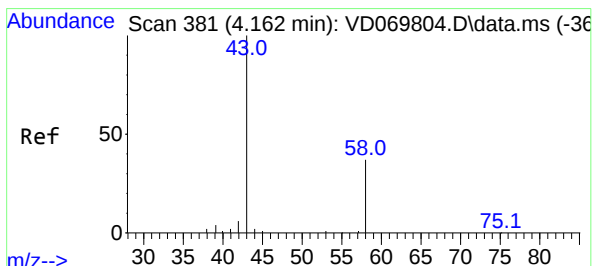
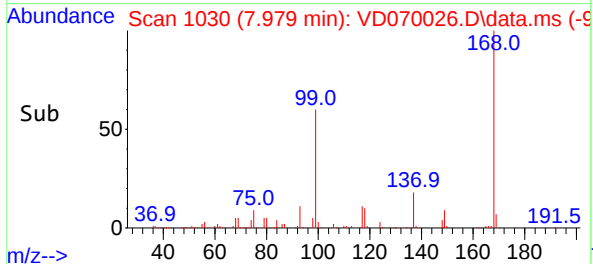
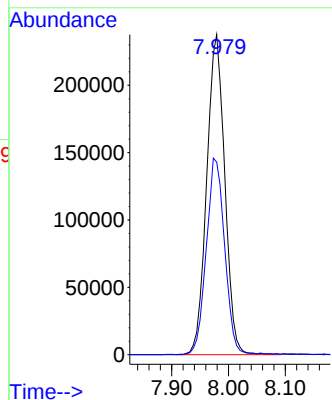
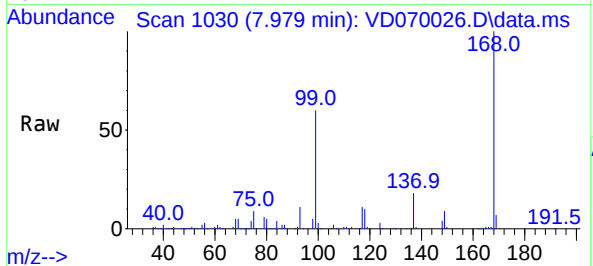




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

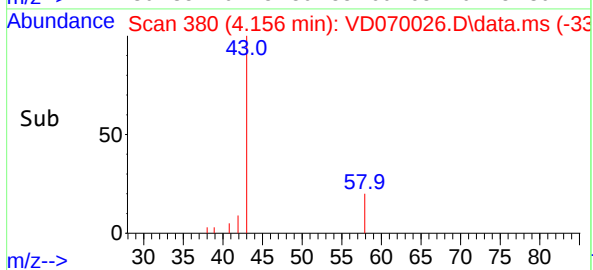
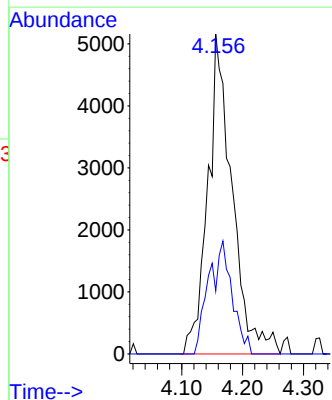
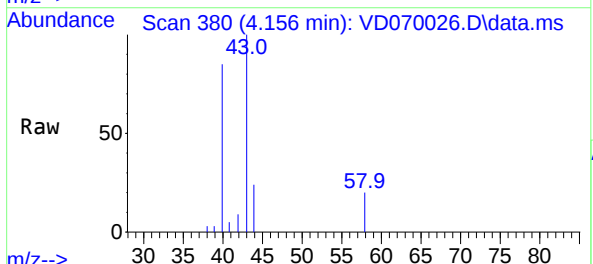
Instrument :
MSVOA_D
ClientSampleId :
LPA-1

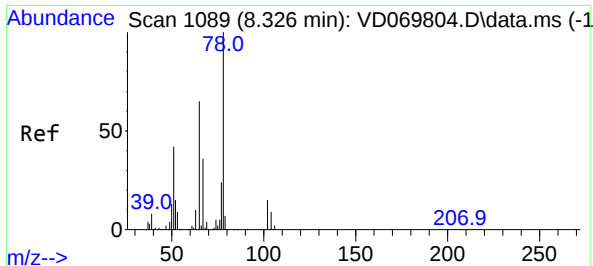
Tgt Ion:168 Resp: 523649
Ion Ratio Lower Upper
168 100
99 60.0 51.1 76.7



#16
Acetone
Concen: 13.179 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

Tgt Ion: 43 Resp: 14338
Ion Ratio Lower Upper
43 100
58 19.7 29.4 44.0#

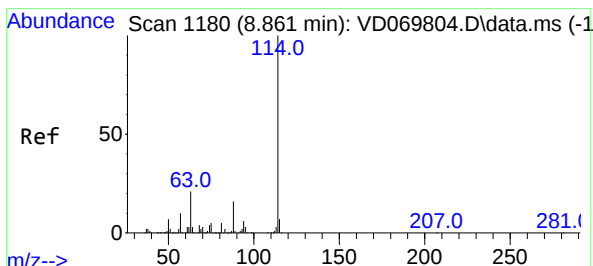
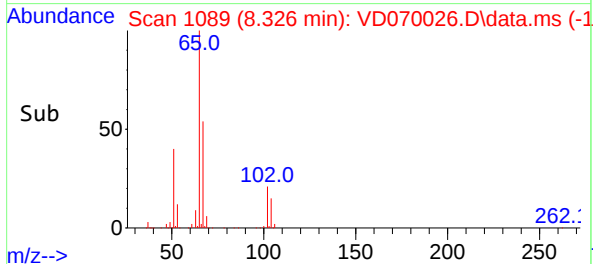
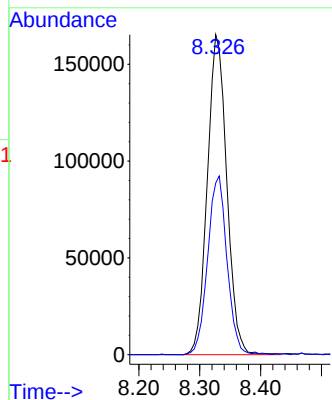
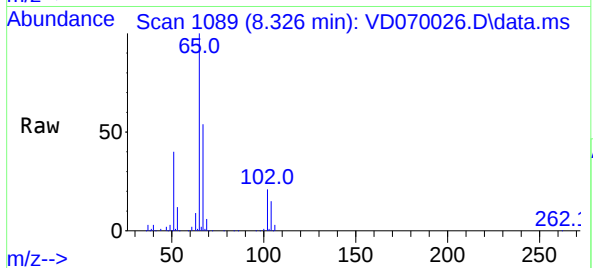




#33
1,2-Dichloroethane-d4
Concen: 60.989 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

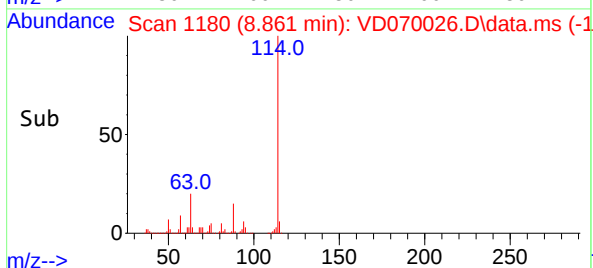
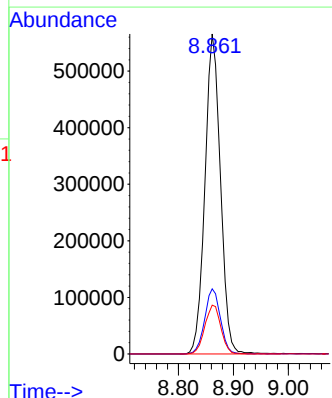
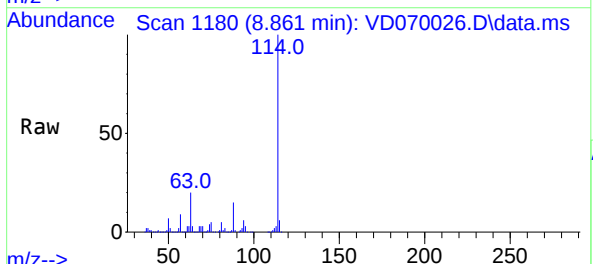
Instrument :
MSVOA_D
ClientSampleId :
LPA-1

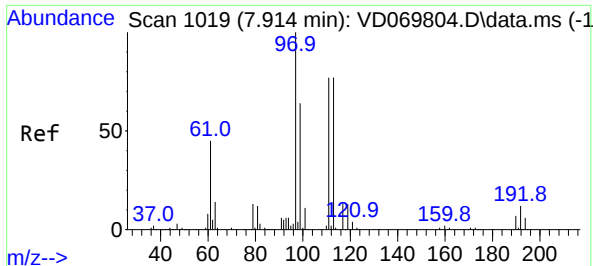
Tgt Ion: 65 Resp: 367300
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

Tgt Ion:114 Resp: 1107532
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 15.3 0.0 31.4

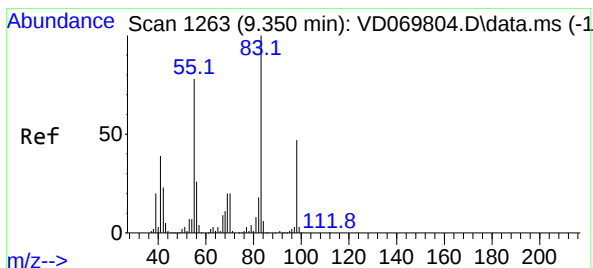
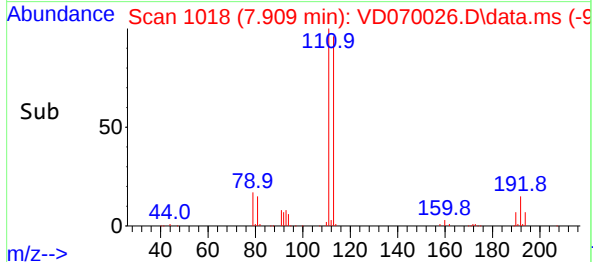
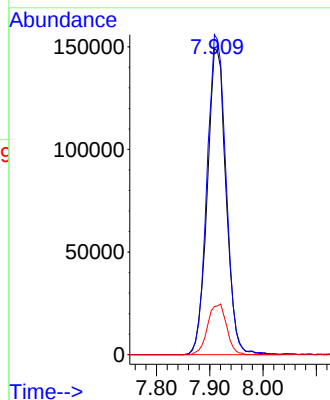
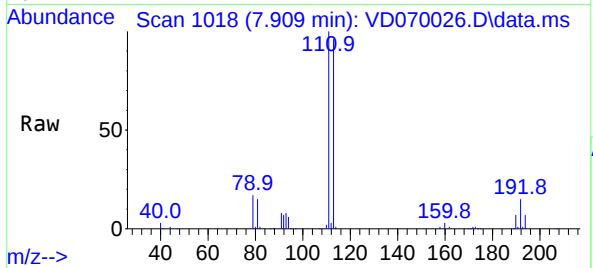




#35
Dibromofluoromethane
Concen: 52.333 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

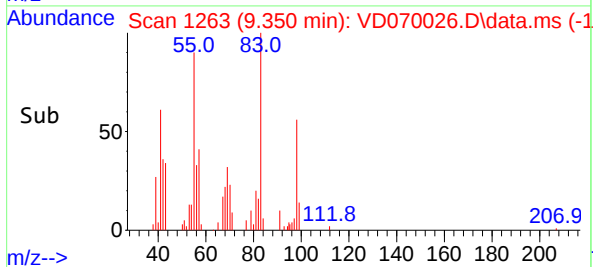
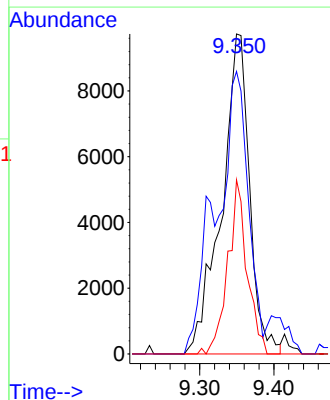
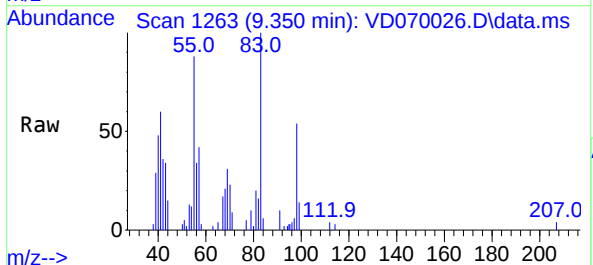
Instrument :
MSVOA_D
ClientSampleId :
LPA-1

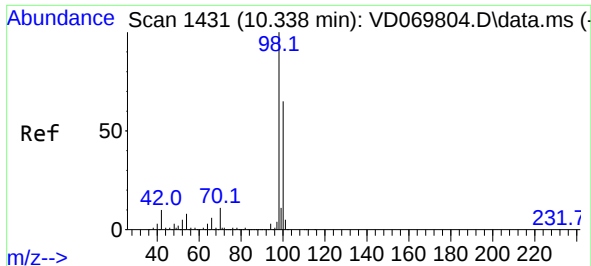
Tgt Ion:113 Resp: 365384
Ion Ratio Lower Upper
113 100
111 105.4 80.5 120.7
192 16.7 12.6 19.0



#39
Methylcyclohexane
Concen: 1.864 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

Tgt Ion: 83 Resp: 25512
Ion Ratio Lower Upper
83 100
55 88.3 62.2 93.2
98 54.4 37.8 56.8

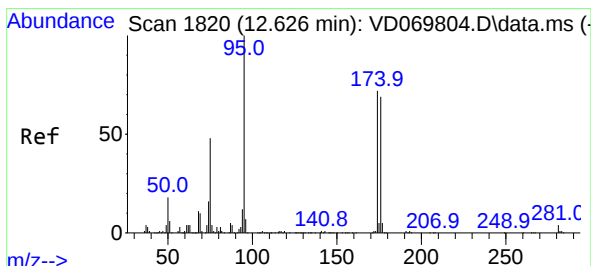
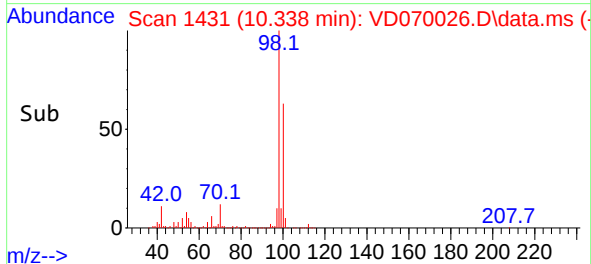
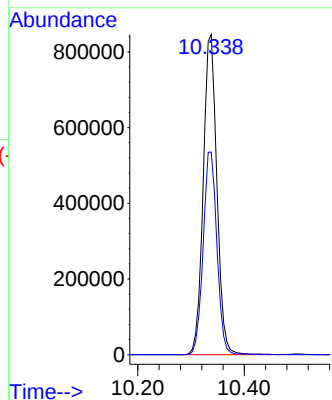
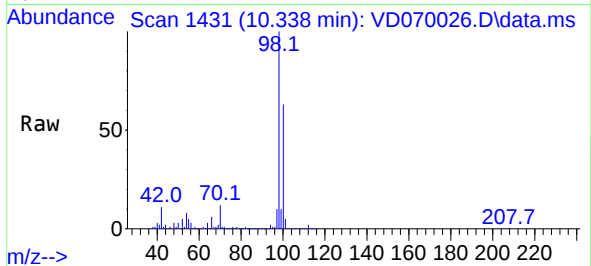




#50
Toluene-d8
Concen: 55.934 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

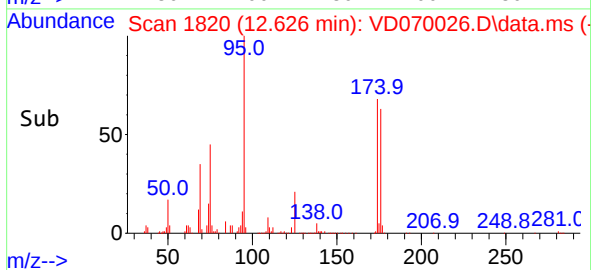
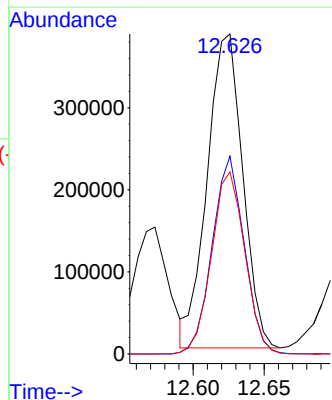
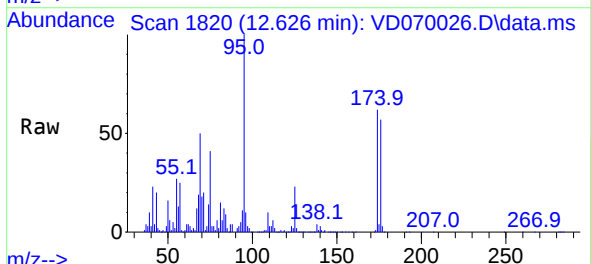
Instrument :
MSVOA_D
ClientSampleId :
LPA-1

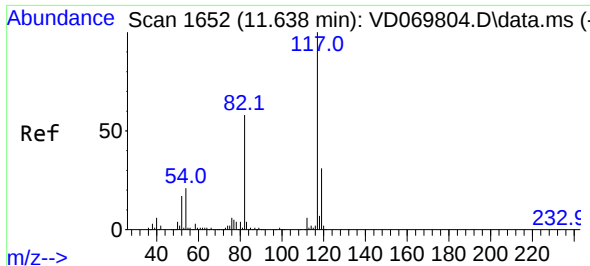
Tgt Ion: 98 Resp: 1505826
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 73.849 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

Tgt Ion: 95 Resp: 664443
Ion Ratio Lower Upper
95 100
174 56.7 0.0 142.6
176 54.6 0.0 134.2

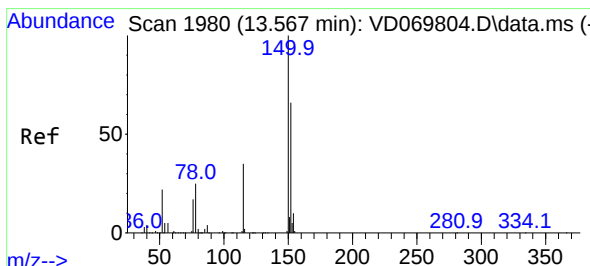
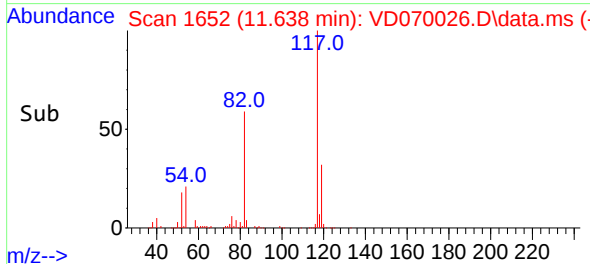
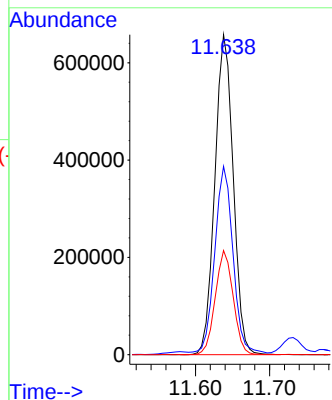
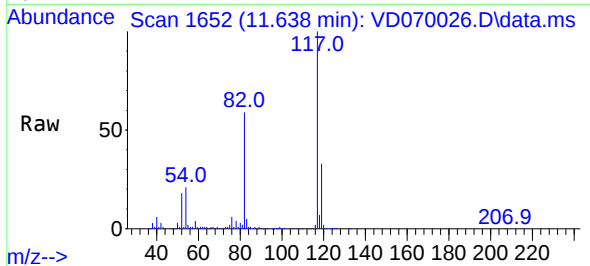




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

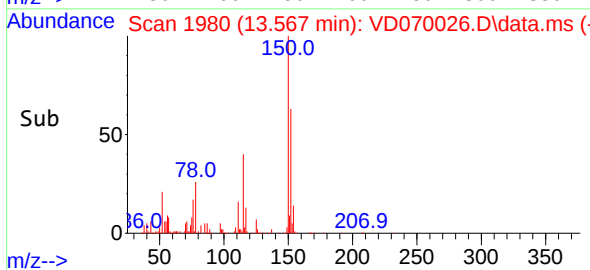
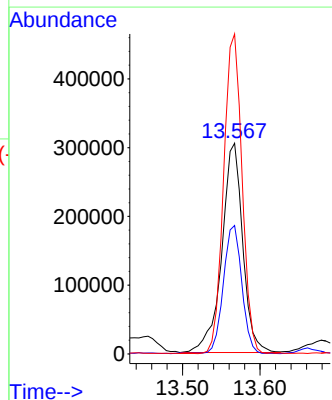
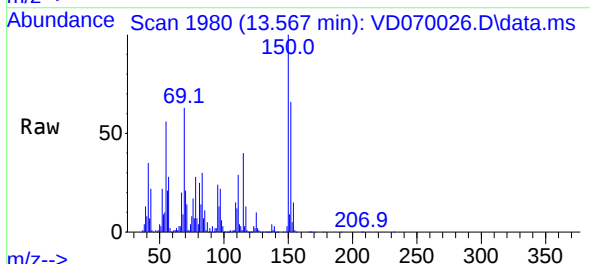
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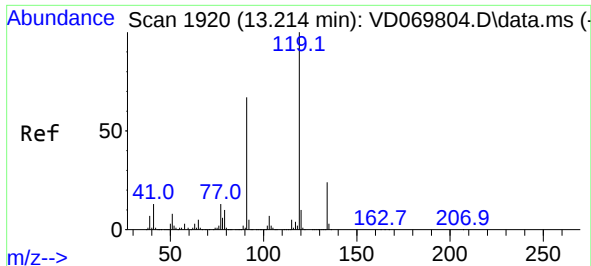
Tgt Ion:117 Resp: 1132105
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 32.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

Tgt Ion:152 Resp: 573093
Ion Ratio Lower Upper
152 100
115 53.7 31.1 93.3
150 134.0 0.0 343.0

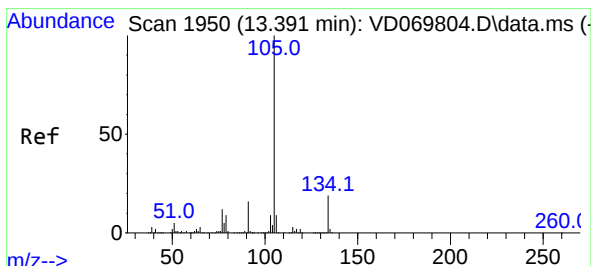
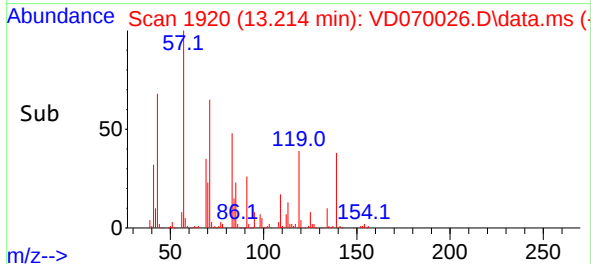
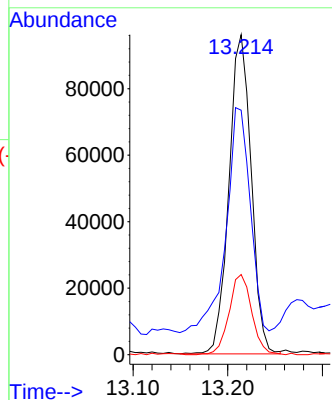
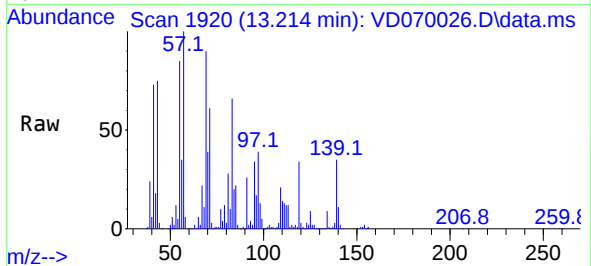




#83
tert-Butylbenzene
Concen: 5.466 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

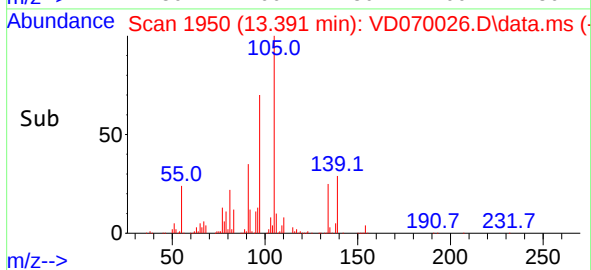
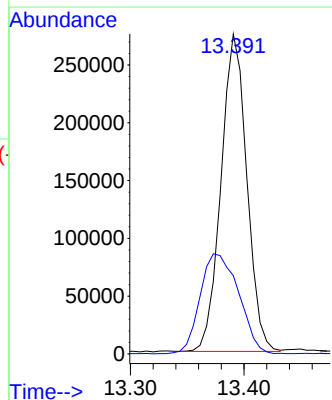
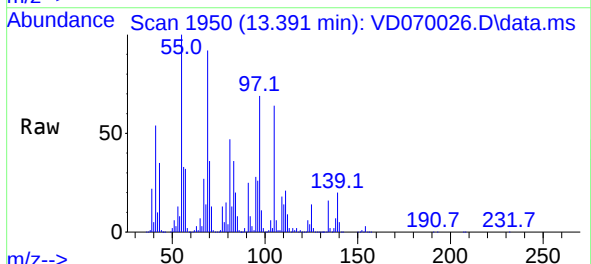
Instrument :
MSVOA_D
ClientSampled :
LPA-1

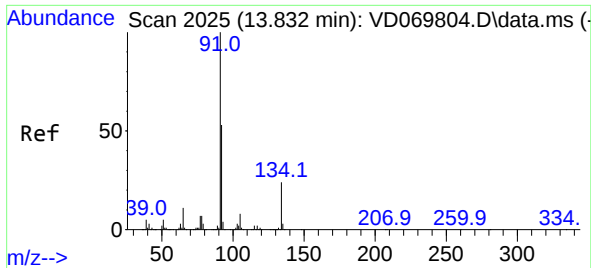
Tgt Ion:119 Resp: 156552
Ion Ratio Lower Upper
119 100
91 76.4 33.7 101.1
134 25.6 13.3 39.8



#85
sec-Butylbenzene
Concen: 9.573 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

Tgt Ion:105 Resp: 433413
Ion Ratio Lower Upper
105 100
134 47.0 9.6 28.6#





#89
n-Butylbenzene
Concen: 6.446 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070026.D
Acq: 11 Aug 2021 16:32

Instrument :
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Tgt Ion: 91 Resp: 233988

Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.7
134	25.0	11.9	35.7

