

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068303.D
 Acq On : 05 Feb 2021 16:19
 Operator : VA/SY
 Sample : M1314-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 30752

Quant Time: Feb 05 21:43:02 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)

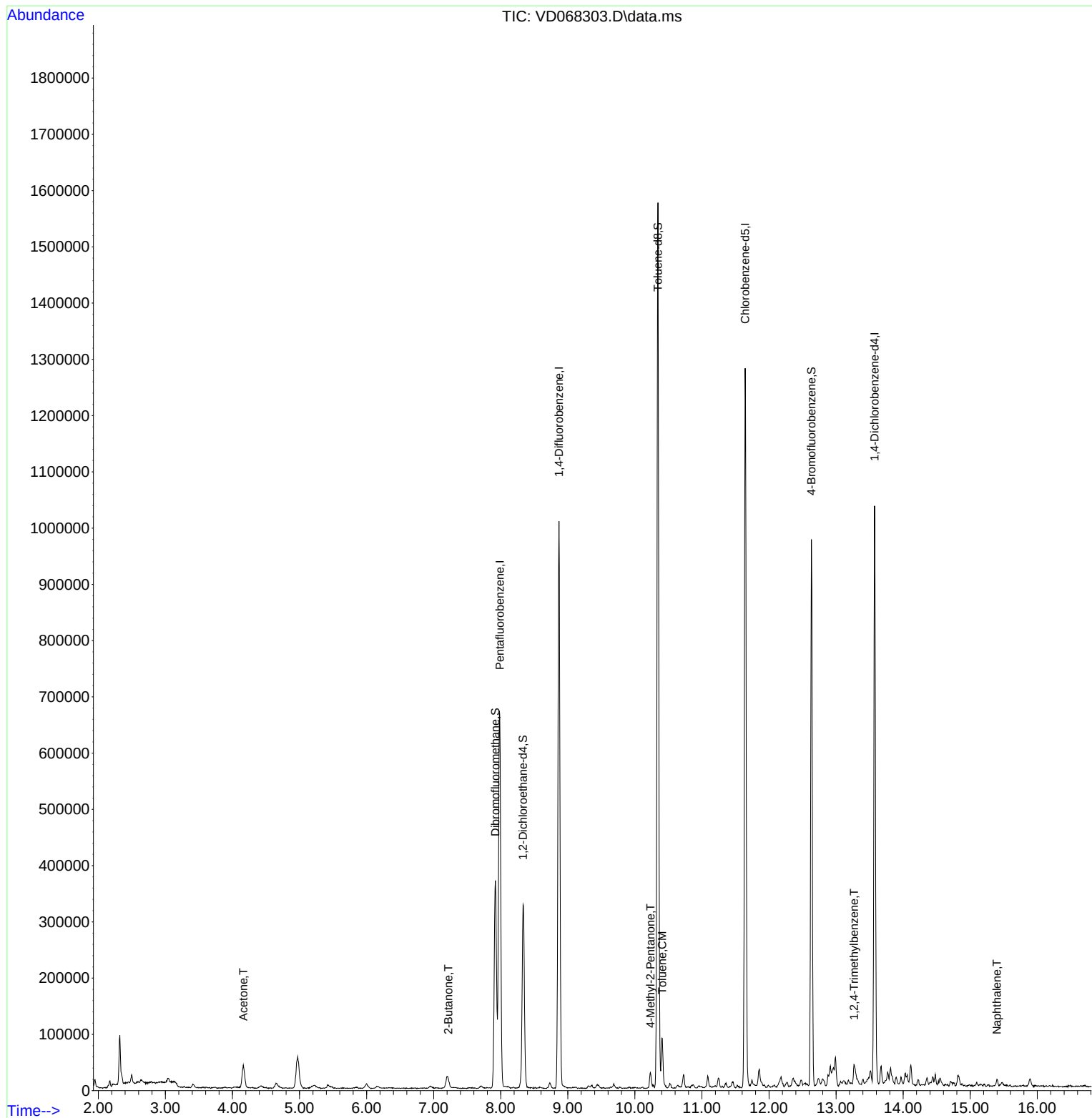
Internal Standards						
1) Pentafluorobenzene	7.985	168	528852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	915932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	774496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	281057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	262854	51.96	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.92%		
35) Dibromofluoromethane	7.920	113	276939	54.69	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.38%		
50) Toluene-d8	10.344	98	1103745	54.49	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.98%		
62) 4-Bromofluorobenzene	12.632	95	319769	43.84	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 87.68%		
Target Compounds						
						Qvalue
16) Acetone	4.162	43	69998	77.49	ug/l	92
25) 2-Butanone	7.220	43	10753	7.91	ug/l	99
51) 4-Methyl-2-Pentanone	10.232	43	17843	5.64	ug/l	97
52) Toluene	10.408	92	38100	2.26	ug/l	94
84) 1,2,4-Trimethylbenzene	13.267	105	21893	1.13	ug/l	97
95) Naphthalene	15.396	128	12115	1.14	ug/l #	94

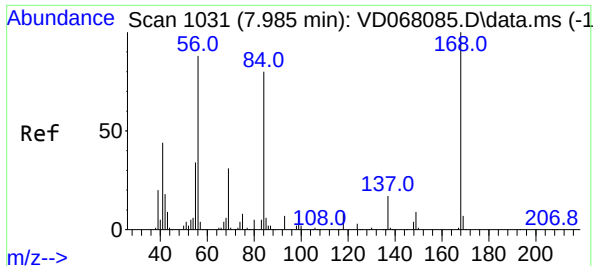
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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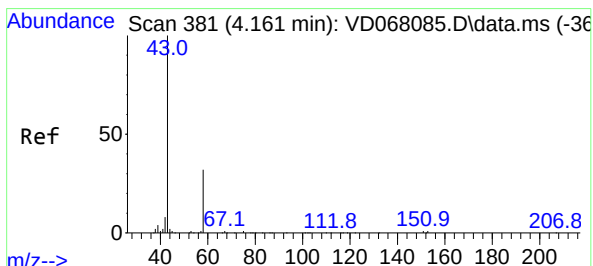
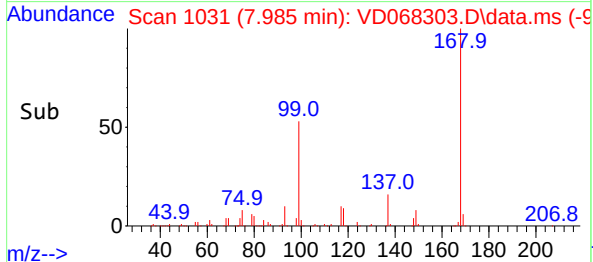
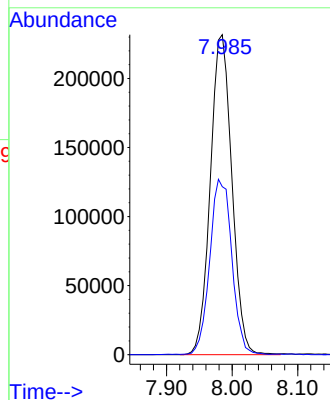
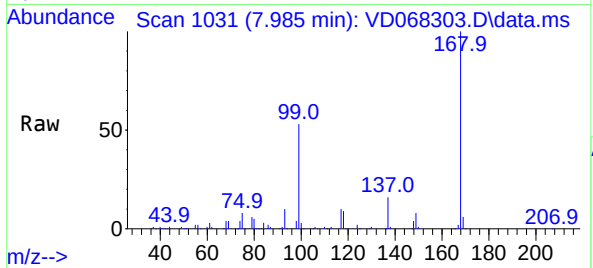




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

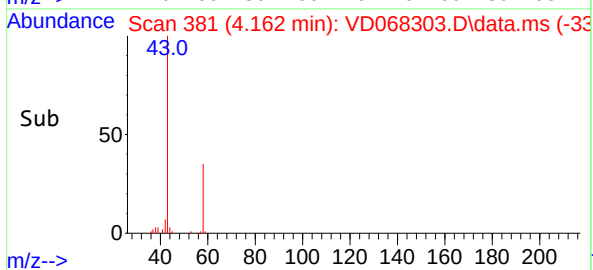
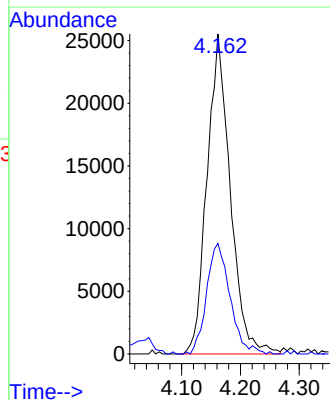
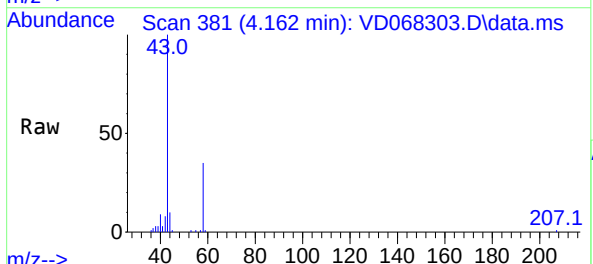
Instrument :
MSVOA_D
ClientSampleId :
30752

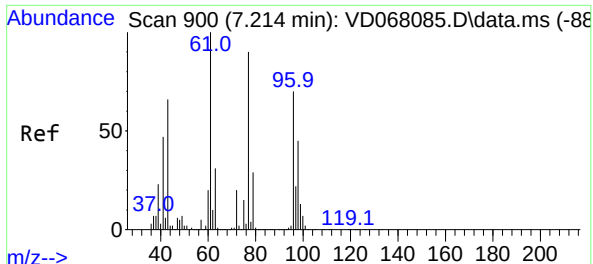
Tgt Ion:168 Resp: 528852
Ion Ratio Lower Upper
168 100
99 52.4 43.5 65.3



#16
Acetone
Concen: 77.49 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

Tgt Ion: 43 Resp: 69998
Ion Ratio Lower Upper
43 100
58 34.6 24.2 36.4

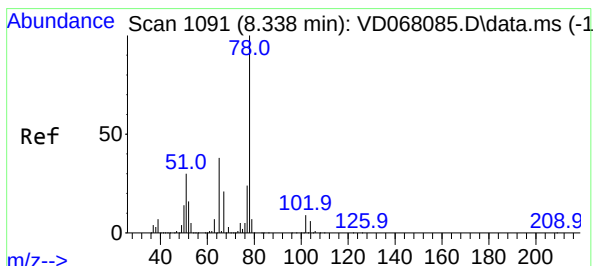
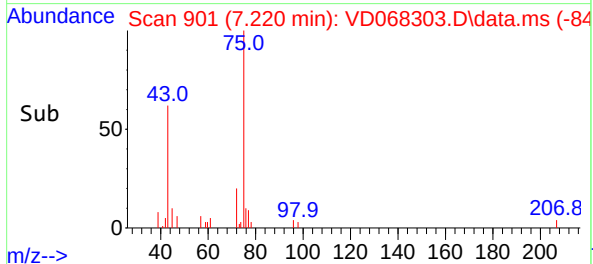
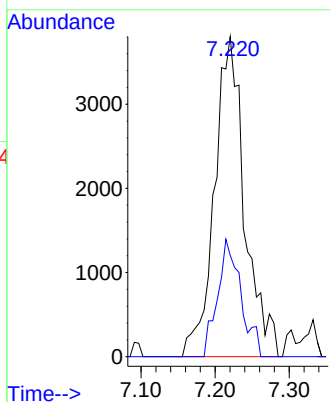
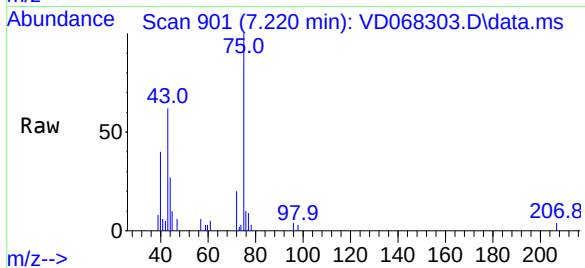




#25
2-Butanone
Concen: 7.91 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

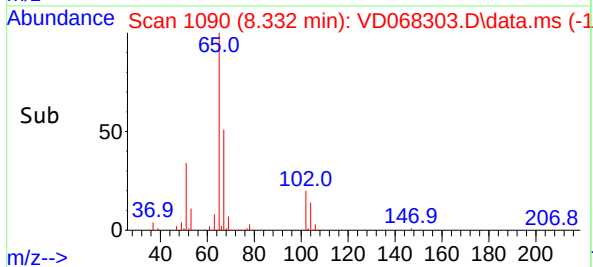
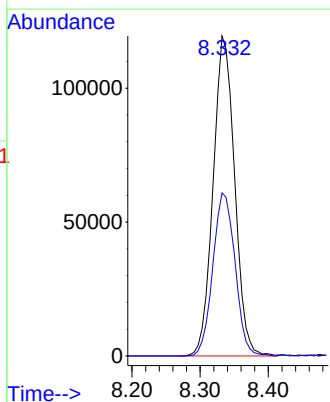
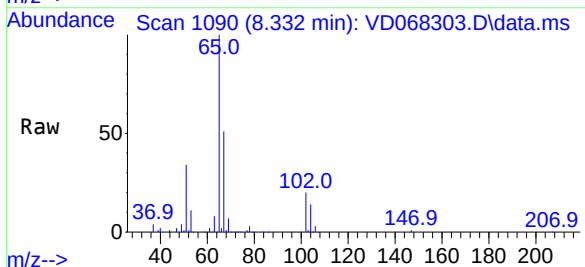
Instrument :
MSVOA_D
ClientSampleId :
30752

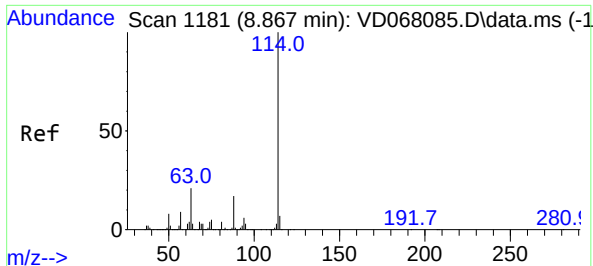
Tgt Ion: 43 Resp: 10753
Ion Ratio Lower Upper
43 100
72 31.7 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 51.96 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

Tgt Ion: 65 Resp: 262854
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

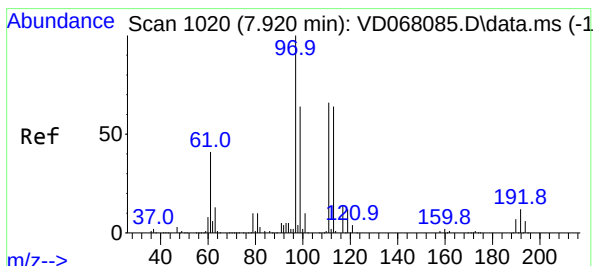
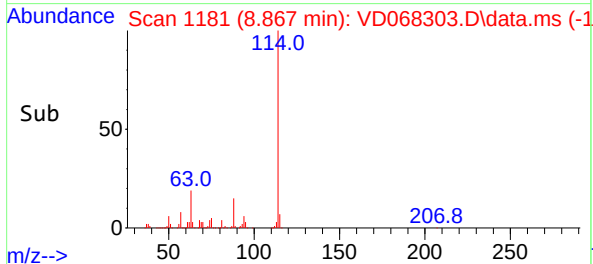
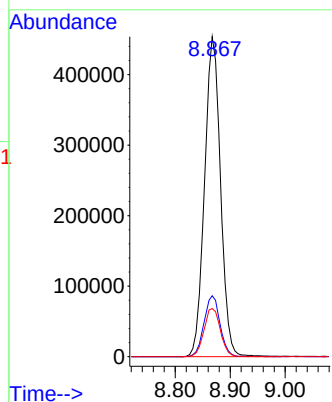
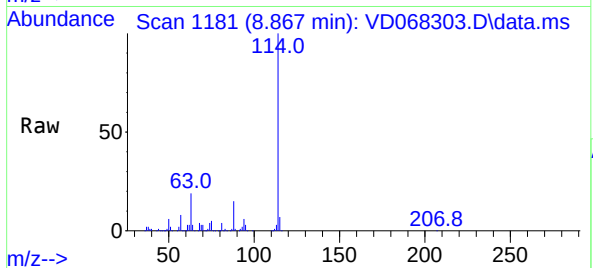




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

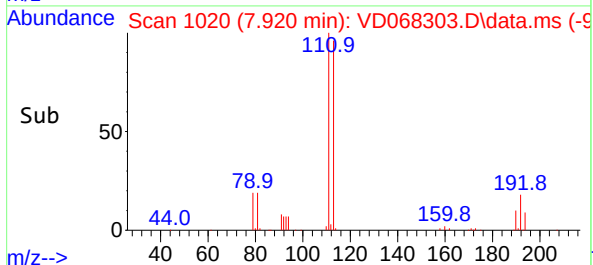
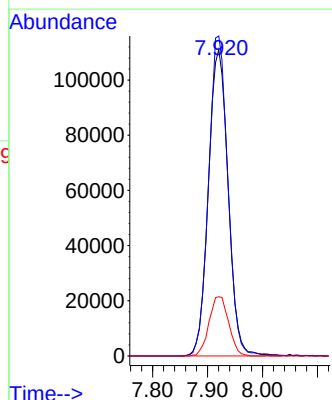
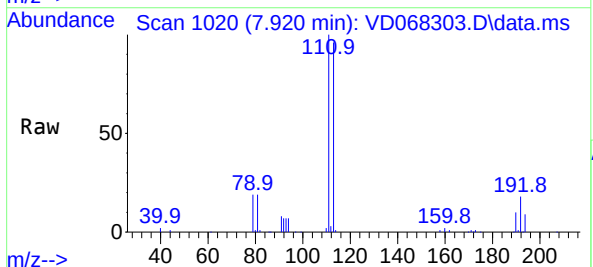
Instrument :
MSVOA_D
ClientSampleId :
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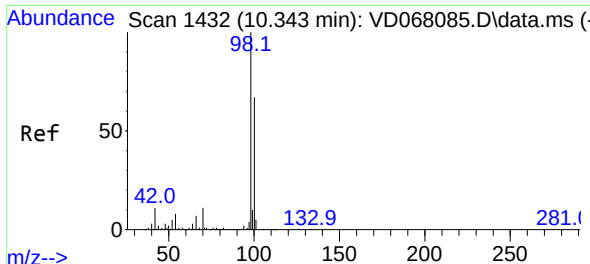
Tgt Ion:114 Resp: 915932
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.8
88 15.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.69 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

Tgt Ion:113 Resp: 276939
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.2 16.1 24.1

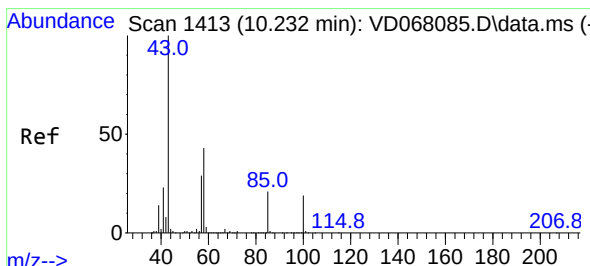
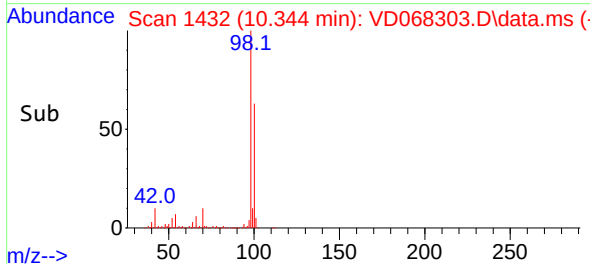
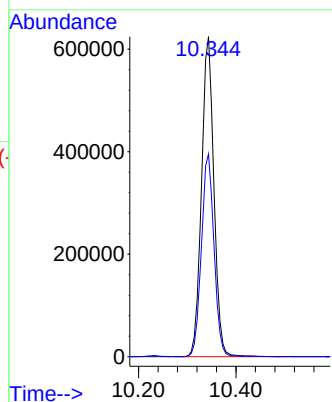
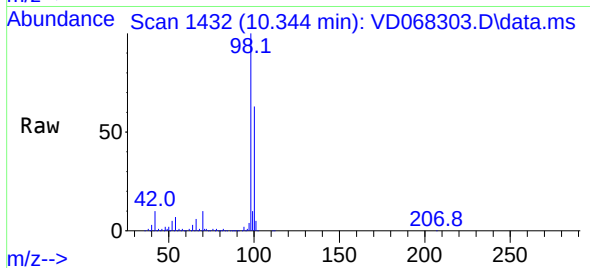




#50
Toluene-d8
Concen: 54.49 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

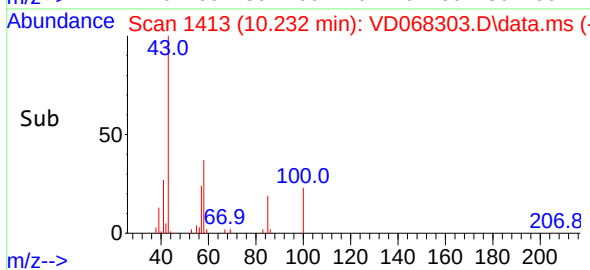
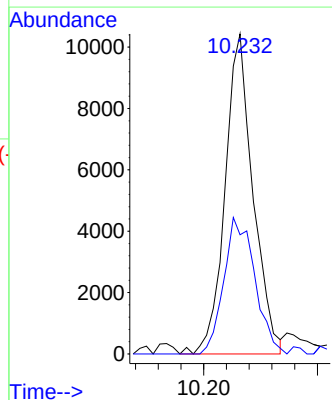
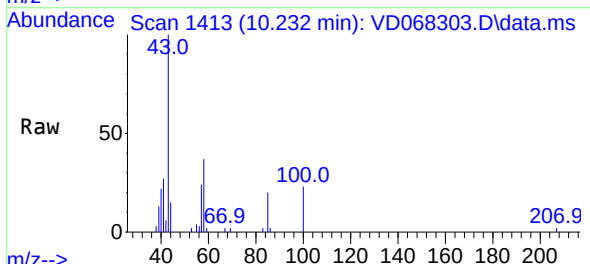
Instrument :
MSVOA_D
ClientSampleId :
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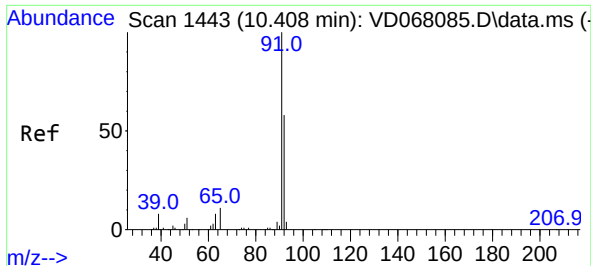
Tgt Ion: 98 Resp: 1103745
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 5.64 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

Tgt Ion: 43 Resp: 17843
Ion Ratio Lower Upper
43 100
58 47.1 36.1 54.1

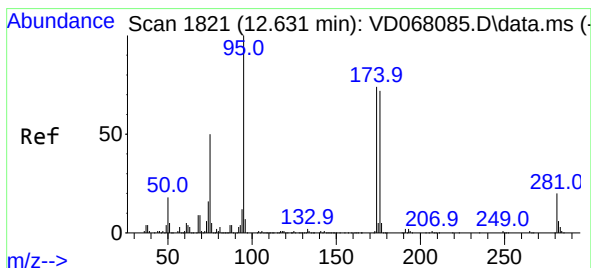
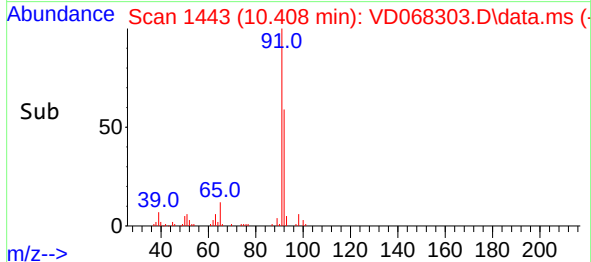
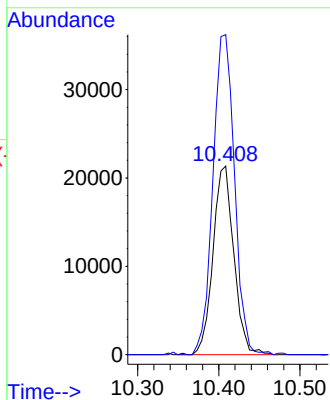
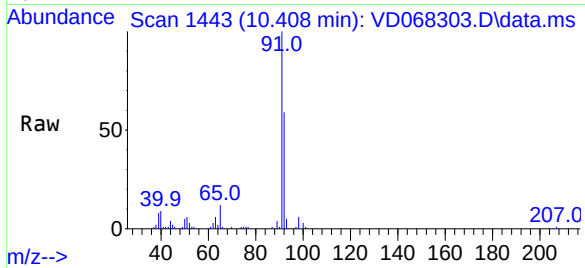




#52
Toluene
Concen: 2.26 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

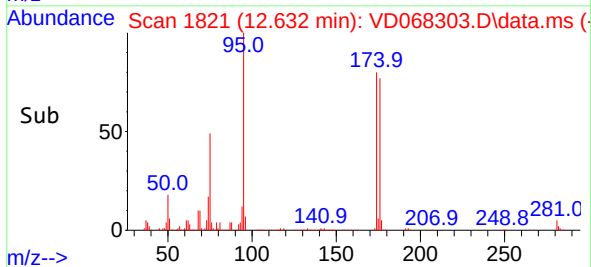
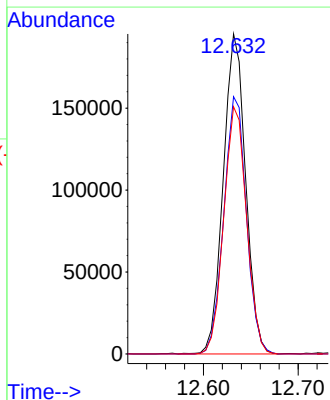
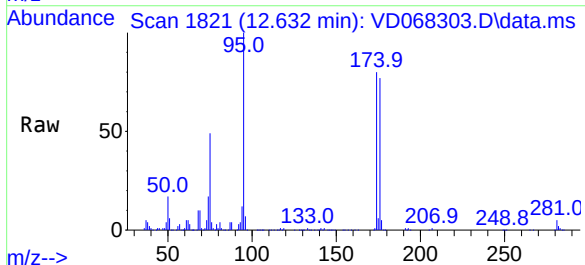
Instrument :
MSVOA_D
ClientSampled :
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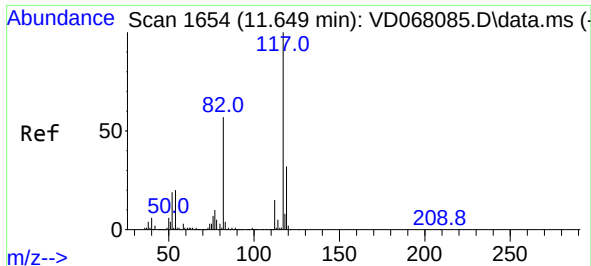
Tgt Ion: 92 Resp: 38100
Ion Ratio Lower Upper
92 100
91 175.9 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 43.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

Tgt Ion: 95 Resp: 319769
Ion Ratio Lower Upper
95 100
174 81.1 0.0 172.4
176 78.7 0.0 168.4

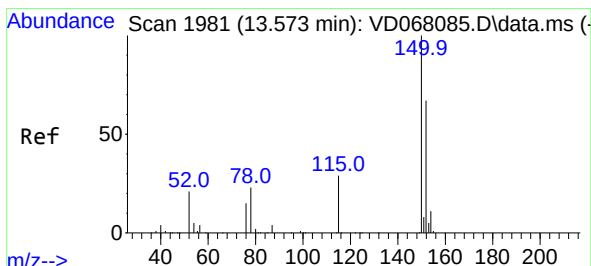
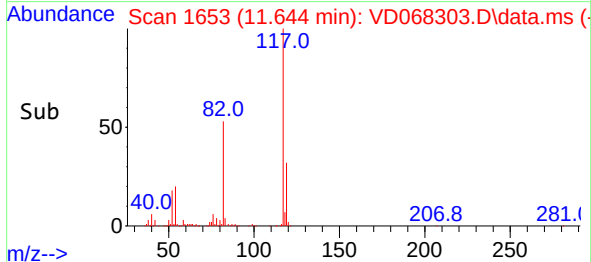
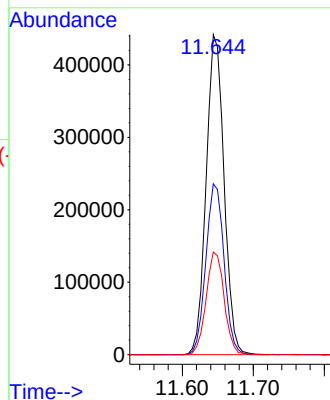
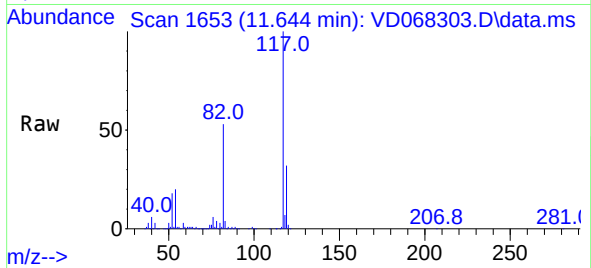




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

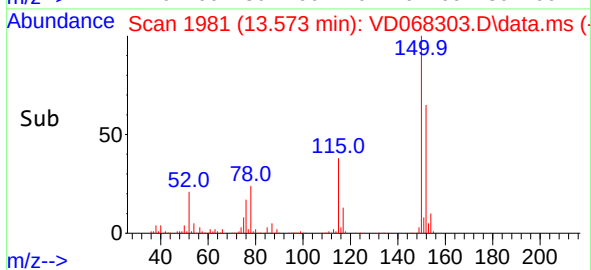
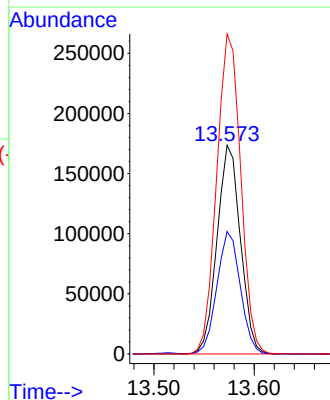
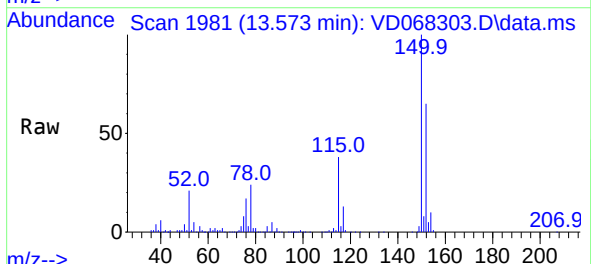
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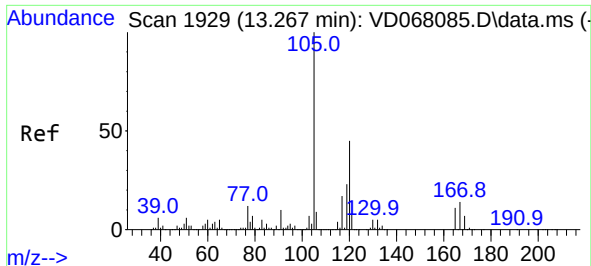
Tgt Ion:117 Resp: 774496
Ion Ratio Lower Upper
117 100
82 53.4 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

Tgt Ion:152 Resp: 281057
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 157.6 0.0 344.4

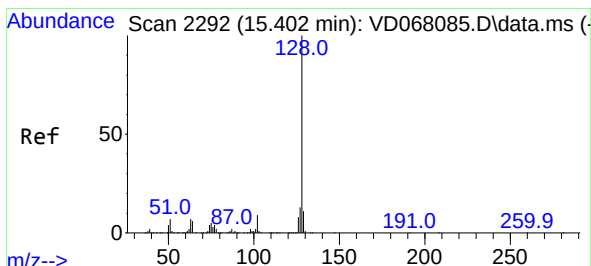
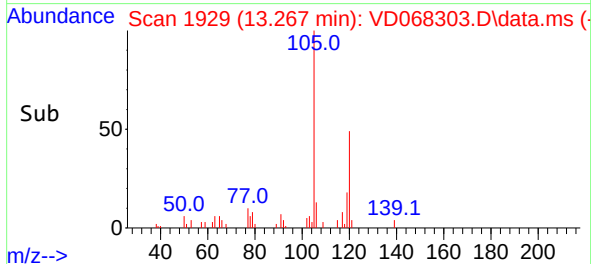
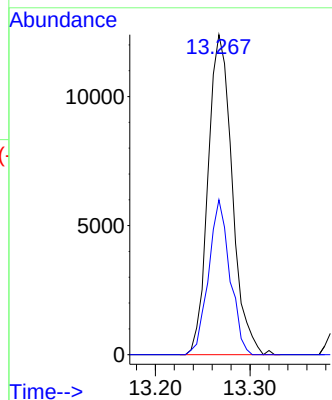
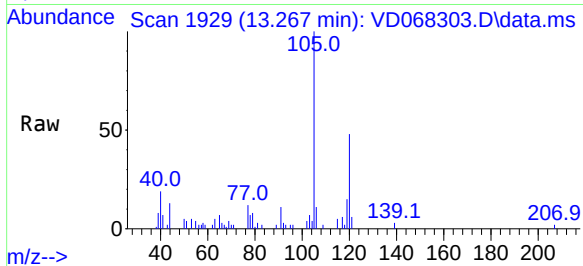




#84
1,2,4-Trimethylbenzene
Concen: 1.13 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

Instrument :
MSVOA_D
ClientSampled :
30752

Tgt Ion:105 Resp: 21893
Ion Ratio Lower Upper
105 100
120 42.9 22.4 67.0



#95
Naphthalene
Concen: 1.14 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068303.D
Acq: 05 Feb 2021 16:19

Tgt Ion:128 Resp: 12115
Ion Ratio Lower Upper
128 100
127 15.7 10.2 15.2#
129 9.8 8.8 13.2

