

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011921\
 Data File : VD068097.D
 Acq On : 19 Jan 2021 18:20
 Operator : VA/SY
 Sample : M1160-01
 Misc : 3.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Jan 20 00:31:34 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)

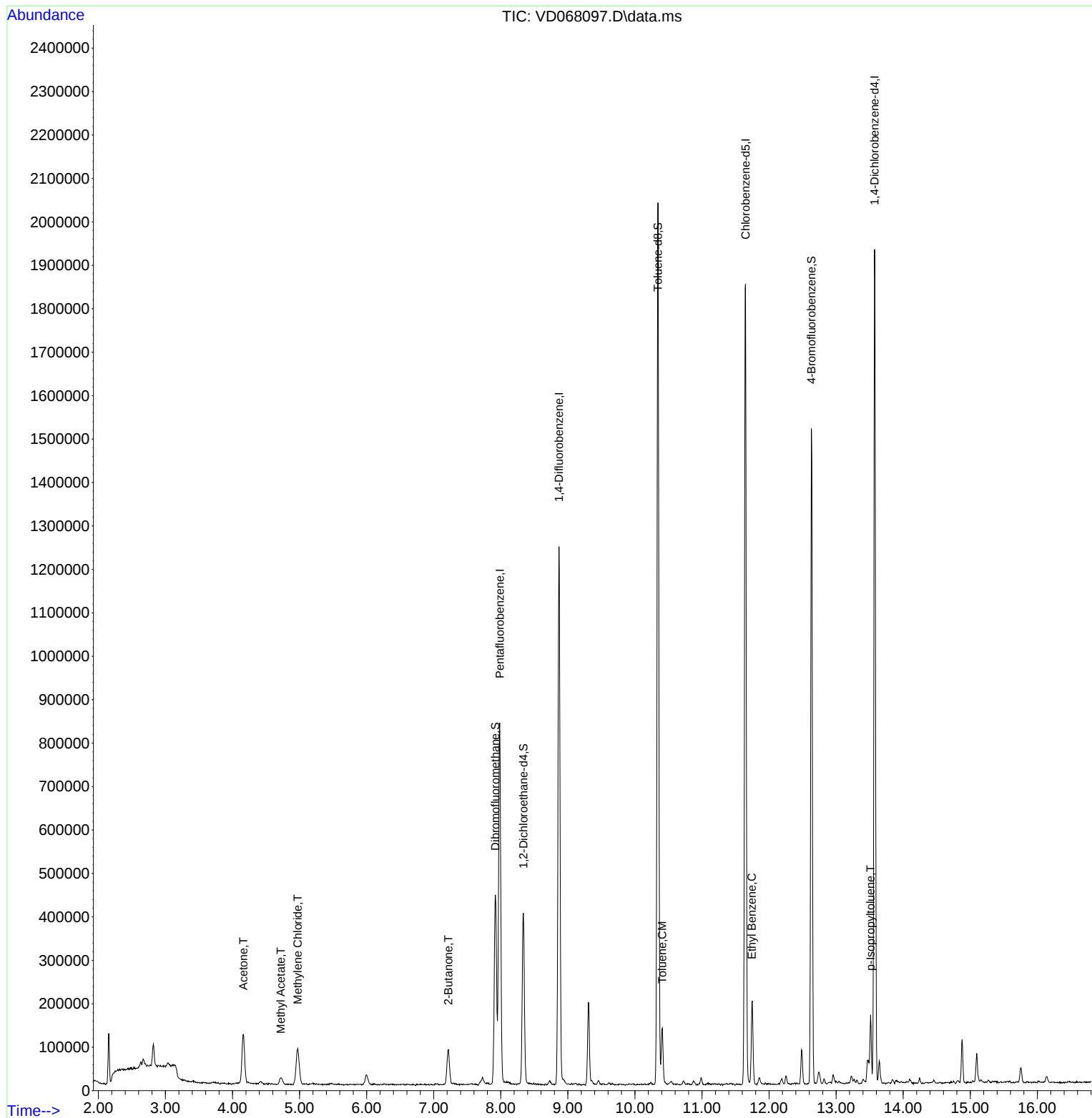
Internal Standards						
1) Pentafluorobenzene	7.985	168	636423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1120916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	1113828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	521931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	323840	53.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.38%			
35) Dibromofluoromethane	7.920	113	330686	53.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.72%			
50) Toluene-d8	10.344	98	1418113	57.21	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.42%			
62) 4-Bromofluorobenzene	12.632	95	546873	61.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.52%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	208080	191.42	ug/l	98
18) Methyl Acetate	4.720	43	33590	11.91	ug/l	91
20) Methylene Chloride	4.973	84	70043	5.68	ug/l	91
25) 2-Butanone	7.220	43	124561	76.10	ug/l	95
52) Toluene	10.408	92	52784	2.56	ug/l	92
67) Ethyl Benzene	11.744	91	137453	3.14	ug/l	100
86) p-Isopropyltoluene	13.514	119	83012	2.13	ug/l	94

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

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QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

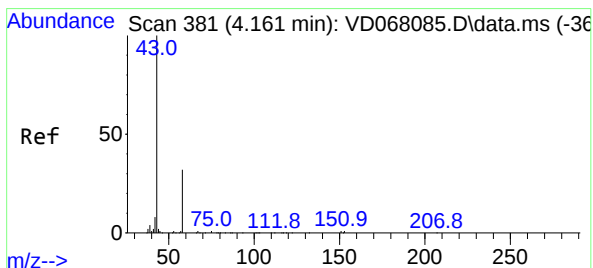
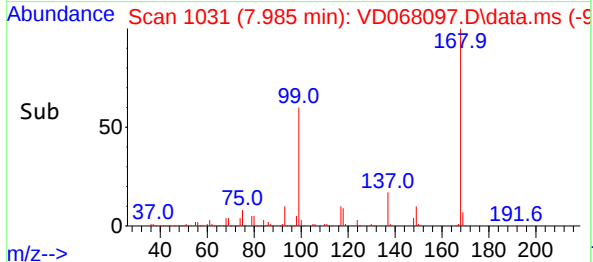
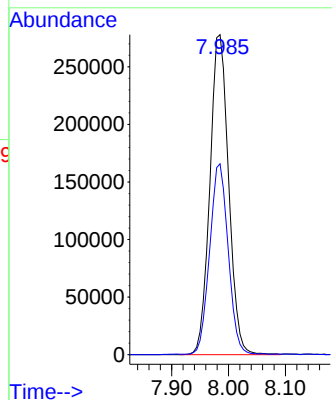
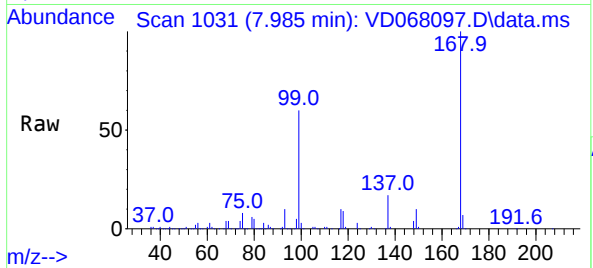




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

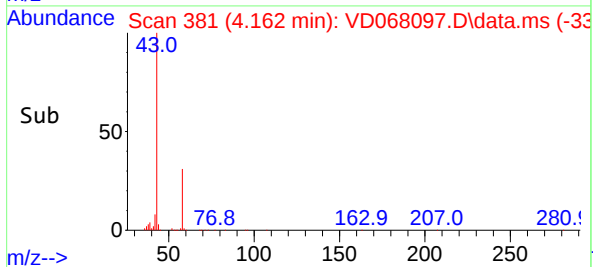
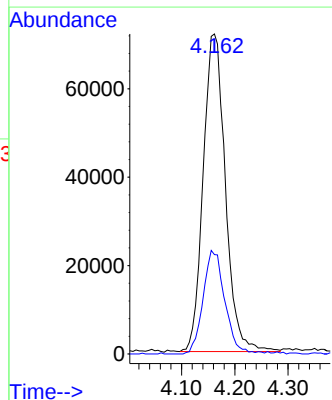
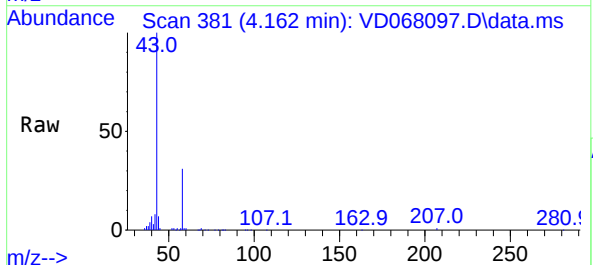
Instrument :
MSVOA_D
ClientSampleId :
SP-1

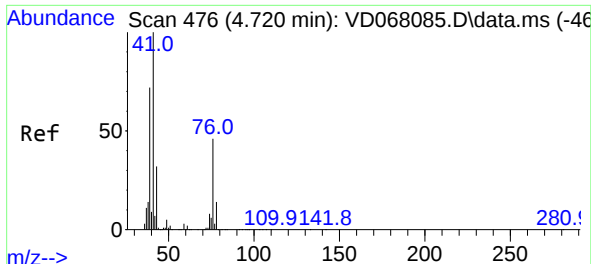
Tgt Ion:168 Resp: 636423
Ion Ratio Lower Upper
168 100
99 59.5 43.5 65.3



#16
Acetone
Concen: 191.42 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Tgt Ion: 43 Resp: 208080
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4

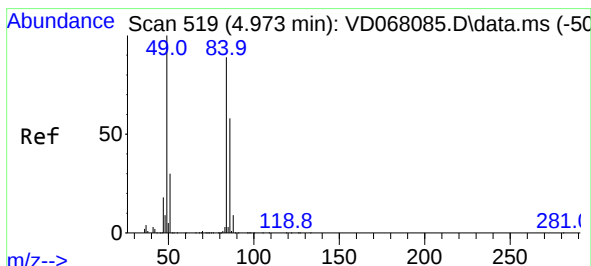
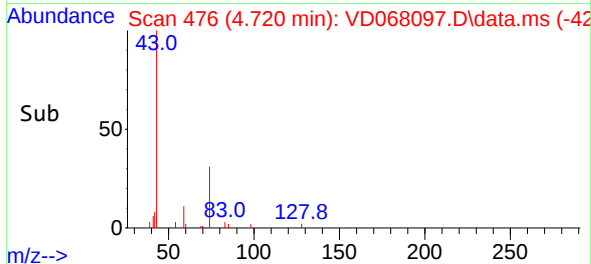
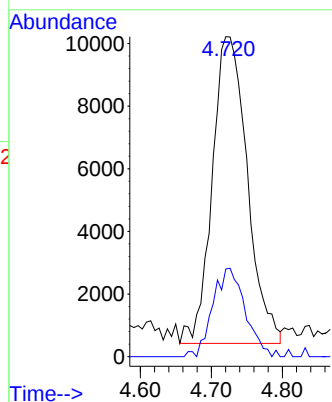
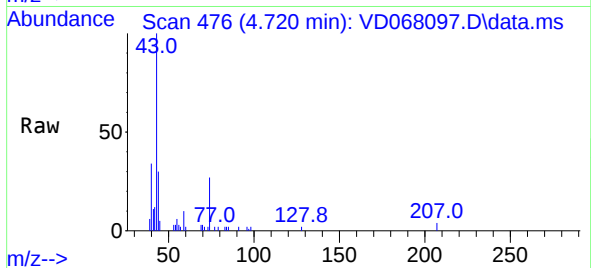




#18
Methyl Acetate
Concen: 11.91 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

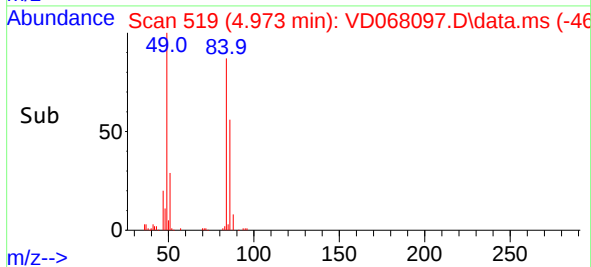
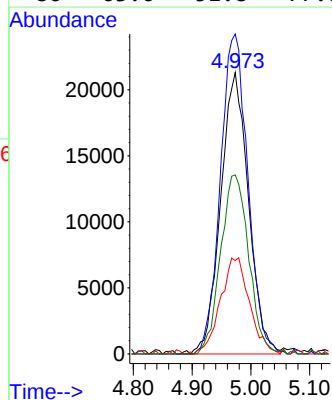
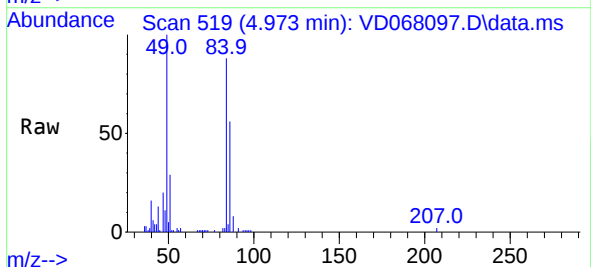
Instrument :
MSVOA_D
ClientSampled :
SP-1

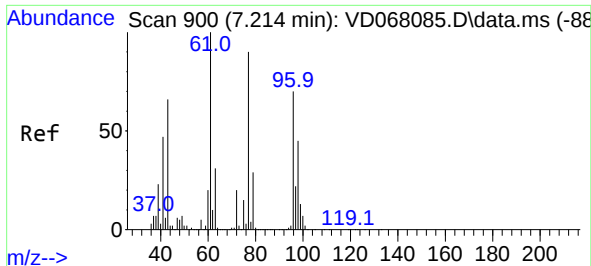
Tgt Ion: 43 Resp: 33590
Ion Ratio Lower Upper
43 100
74 26.7 25.4 38.0



#20
Methylene Chloride
Concen: 5.68 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Tgt Ion: 84 Resp: 70043
Ion Ratio Lower Upper
84 100
49 113.7 77.4 116.2
51 33.2 26.1 39.1
86 63.6 51.8 77.8

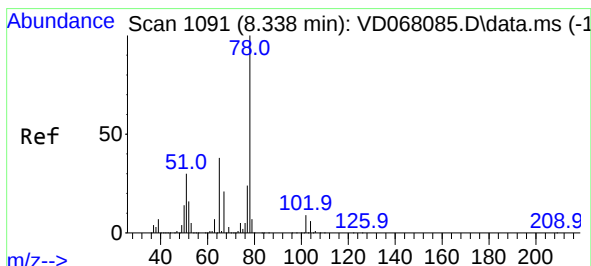
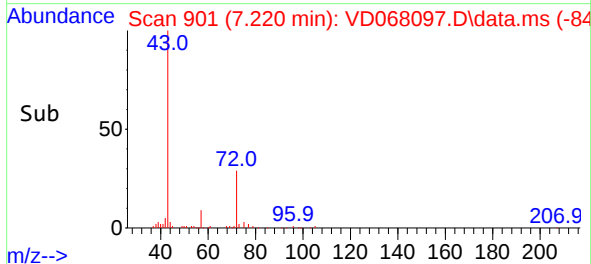
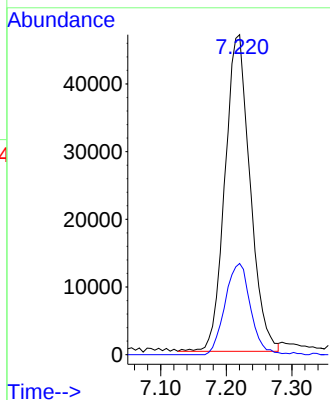
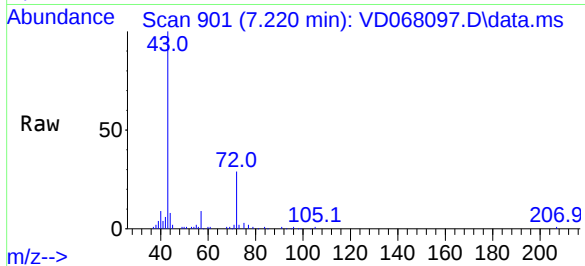




#25
2-Butanone
Concen: 76.10 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

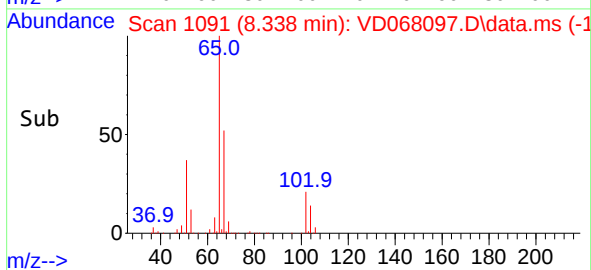
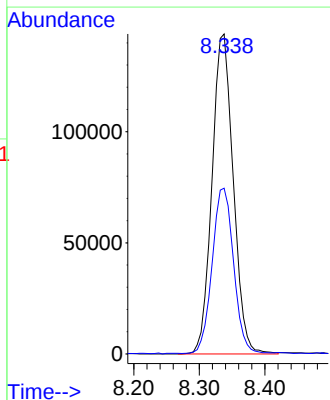
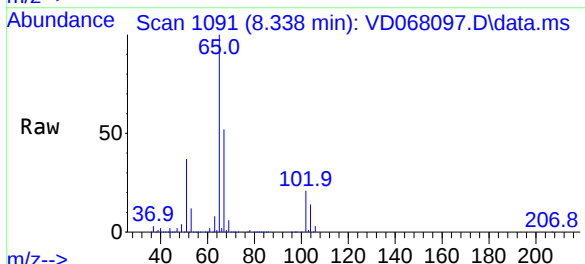
Instrument :
MSVOA_D
ClientSampled :
SP-1

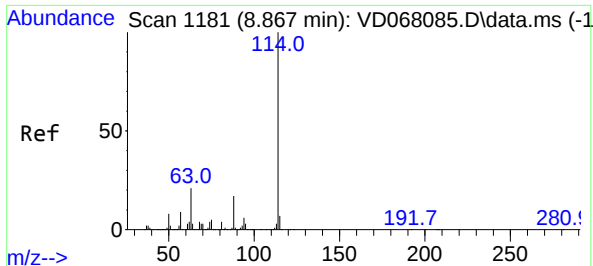
Tgt Ion: 43 Resp: 124561
Ion Ratio Lower Upper
43 100
72 28.8 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 53.19 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Tgt Ion: 65 Resp: 323840
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0



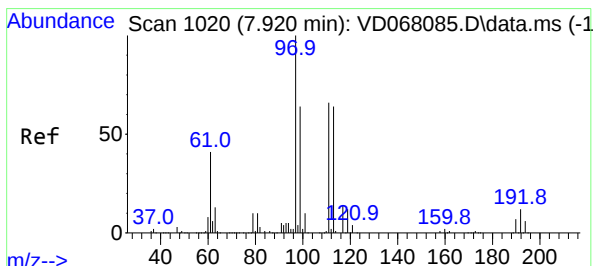
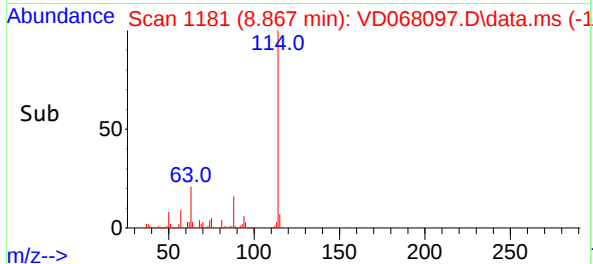
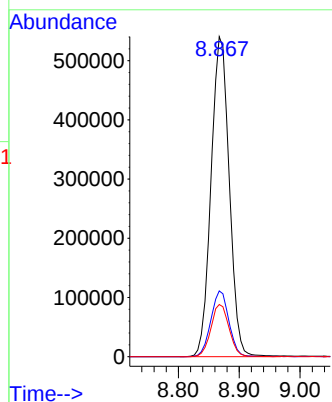
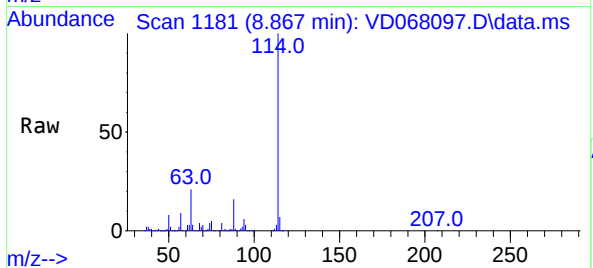


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Instrument :
MSVOA_D
ClientSampled :
SP-1

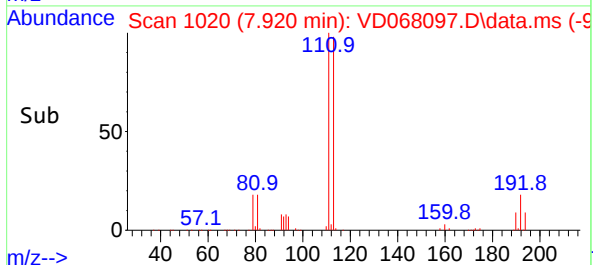
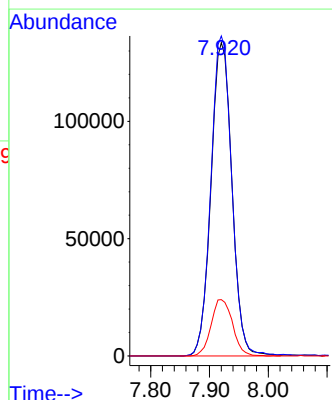
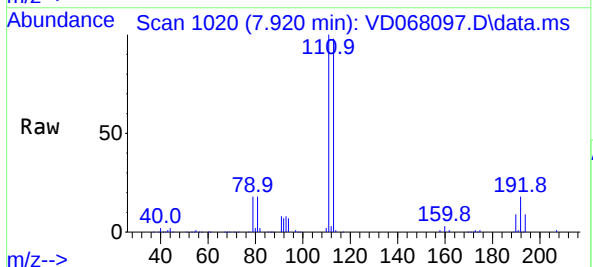
Tgt Ion:114 Resp: 1120916
Ion Ratio Lower Upper
114 100
63 20.5 0.0 34.8
88 16.3 0.0 31.6

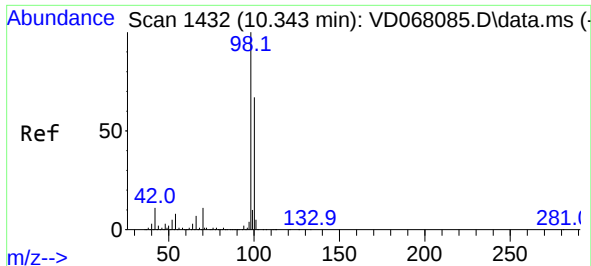


#35

Dibromofluoromethane
Concen: 53.36 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Tgt Ion:113 Resp: 330686
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 18.4 16.1 24.1

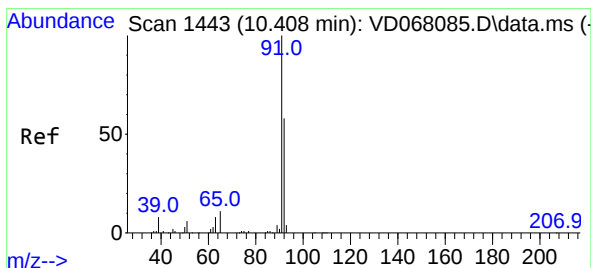
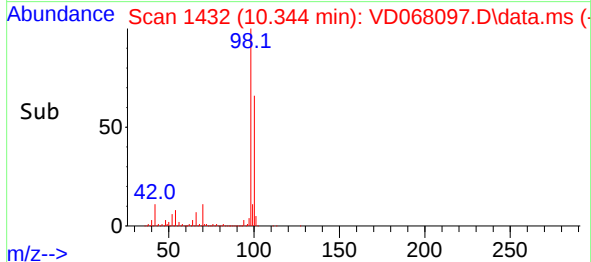
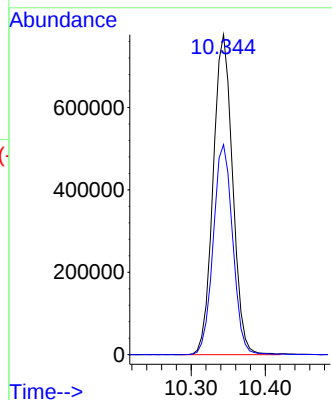
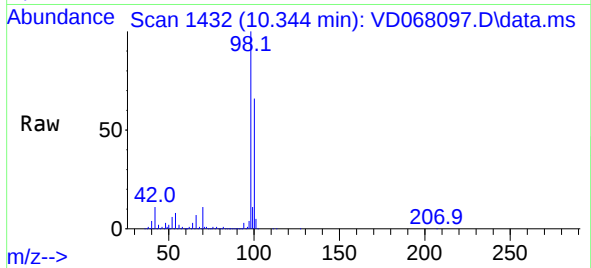




#50
Toluene-d8
Concen: 57.21 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

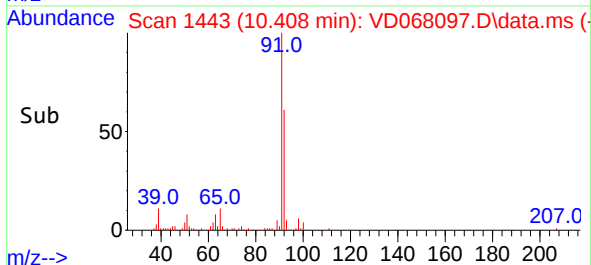
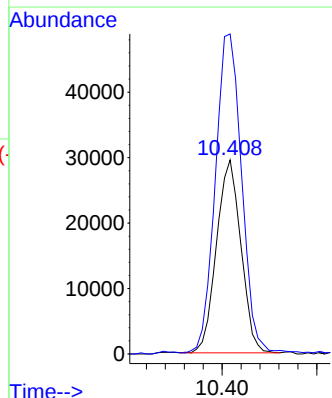
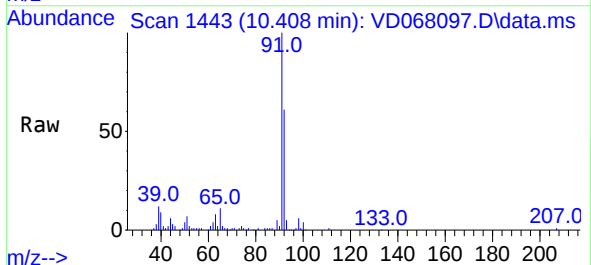
Instrument :
MSVOA_D
ClientSampled :
SP-1

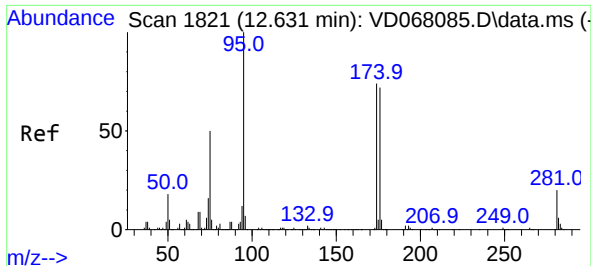
Tgt Ion: 98 Resp: 1418113
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#52
Toluene
Concen: 2.56 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Tgt Ion: 92 Resp: 52784
Ion Ratio Lower Upper
92 100
91 178.4 134.1 201.1

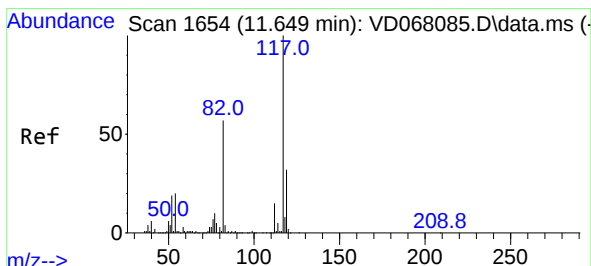
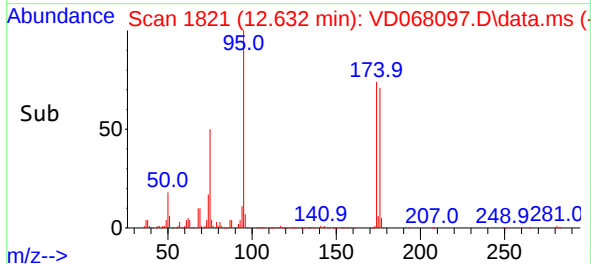
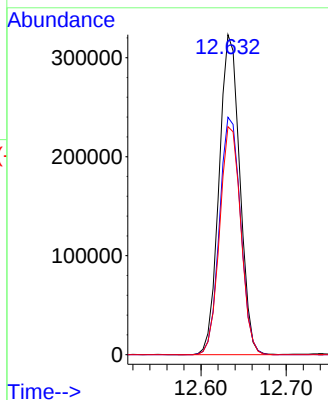
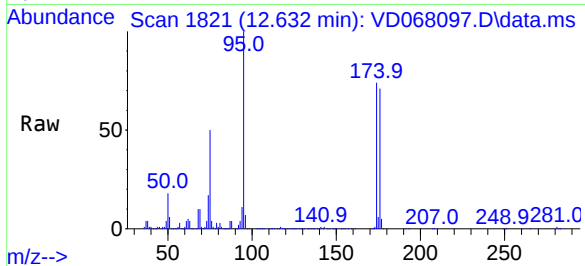




#62
4-Bromofluorobenzene
Concen: 61.26 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

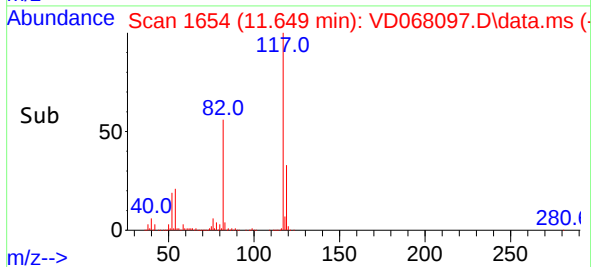
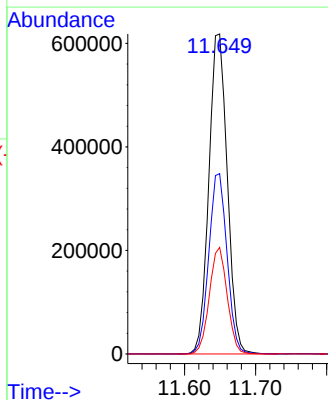
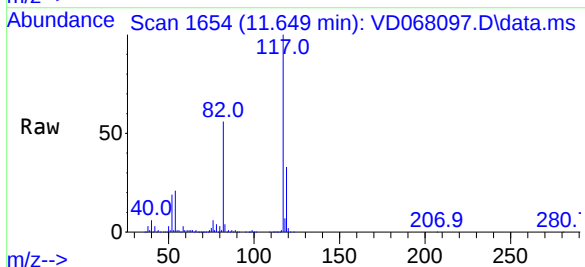
Instrument :
MSVOA_D
ClientSampleId :
SP-1

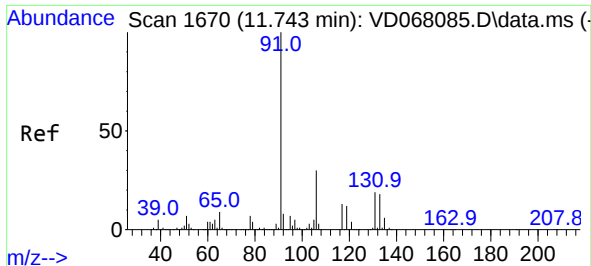
Tgt Ion: 95 Resp: 546873
Ion Ratio Lower Upper
95 100
174 75.6 0.0 172.4
176 72.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Tgt Ion: 117 Resp: 1113828
Ion Ratio Lower Upper
117 100
82 56.4 41.4 62.0
119 33.3 26.1 39.1

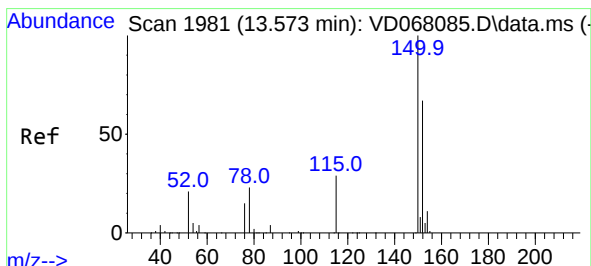
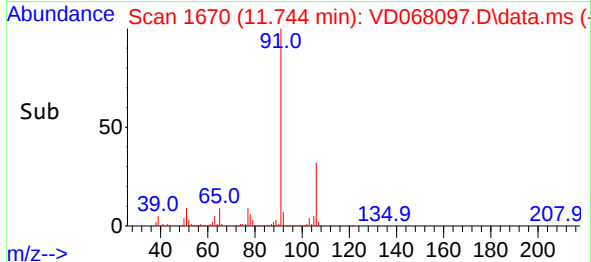
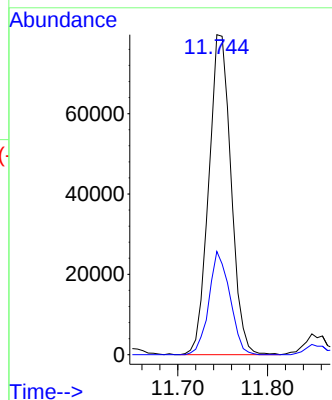
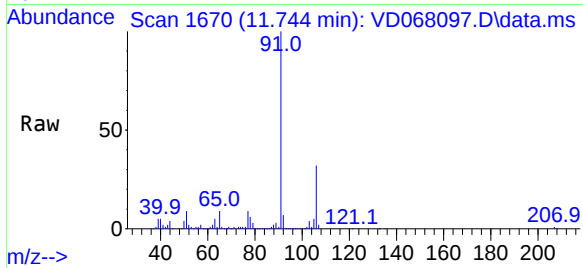




#67
Ethyl Benzene
Concen: 3.14 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

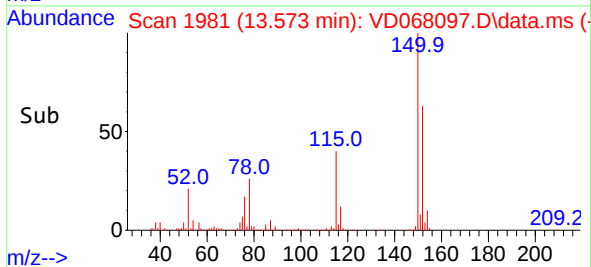
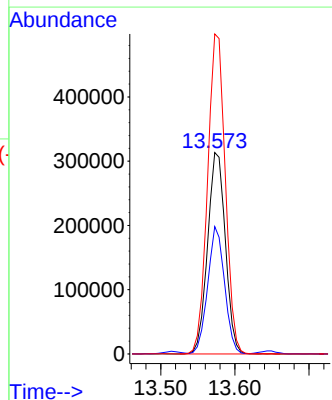
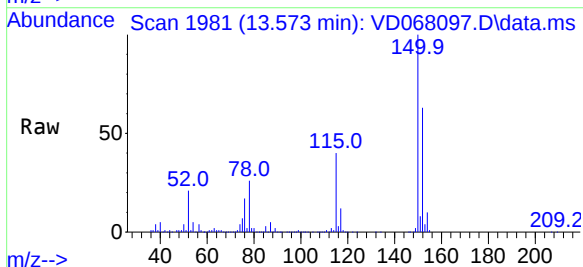
Instrument :
MSVOA_D
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SP-1

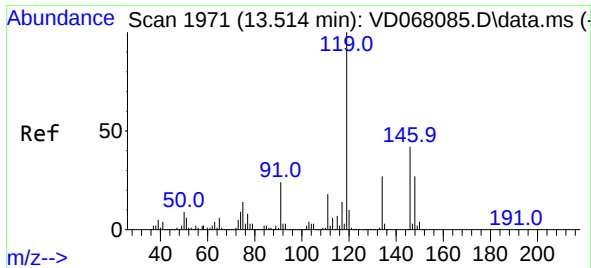
Tgt Ion: 91 Resp: 137453
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Tgt Ion:152 Resp: 521931
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 158.2 0.0 344.4





#86
p-Isopropyltoluene
Concen: 2.13 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068097.D
Acq: 19 Jan 2021 18:20

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tgt Ion:119 Resp: 83012
Ion Ratio Lower Upper
119 100
134 26.5 12.9 38.7
91 28.7 11.7 35.0

