

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068300.D
 Acq On : 05 Feb 2021 14:30
 Operator : VA/SY
 Sample : M1317-03
 Misc : 7.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-B

Quant Time: Feb 06 02:41:05 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)

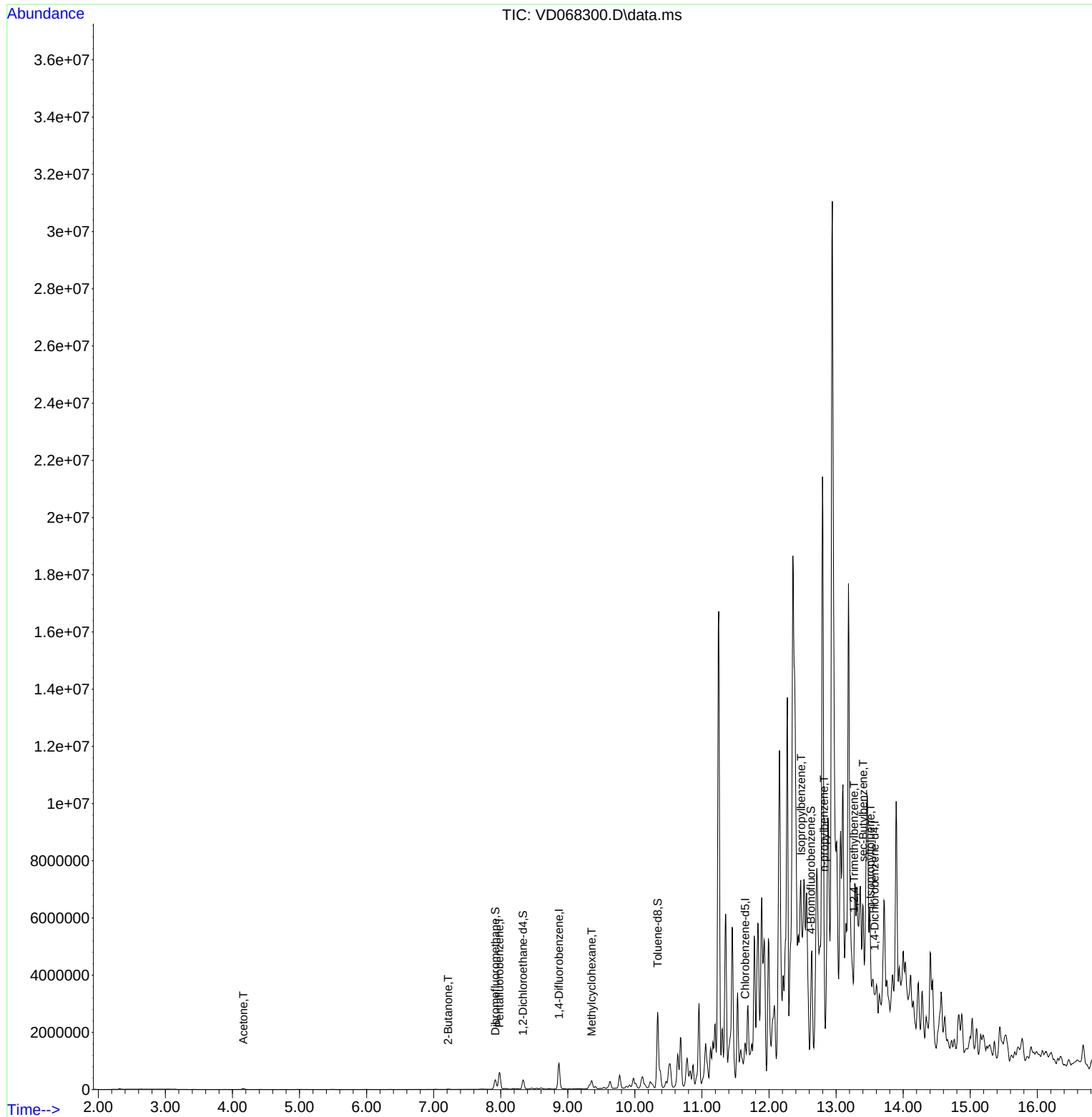
Internal Standards						
1) Pentafluorobenzene	7.979	168	430699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	797239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	545073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	176012	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	255587	62.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.06%			
35) Dibromofluoromethane	7.920	113	241135	54.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.42%			
50) Toluene-d8	10.338	98	943298	53.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.00%			
62) 4-Bromofluorobenzene	12.626	95	446828	70.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 140.76%			
Target Compounds						Qvalue
16) Acetone	4.162	43	61532	83.64	ug/l	92
25) 2-Butanone	7.214	43	16276	14.69	ug/l	95
39) Methylcyclohexane	9.355	83	126114	12.00	ug/l	97
73) Isopropylbenzene	12.479	105	308445	21.06	ug/l	96
78) n-propylbenzene	12.820	91	682706	39.40	ug/l	90
84) 1,2,4-Trimethylbenzene	13.267	105	31679	2.62	ug/l	96
85) sec-Butylbenzene	13.402	105	491123	33.97	ug/l #	76
86) p-Isopropyltoluene	13.514	119	81192	6.17	ug/l #	68

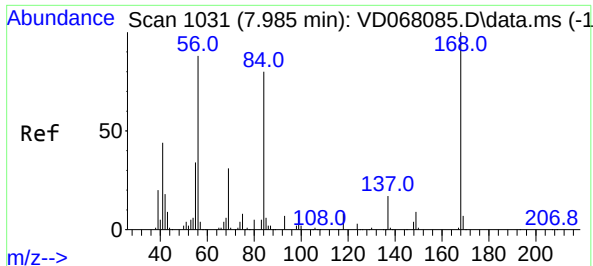
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Time: Feb 06 02:41:05 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

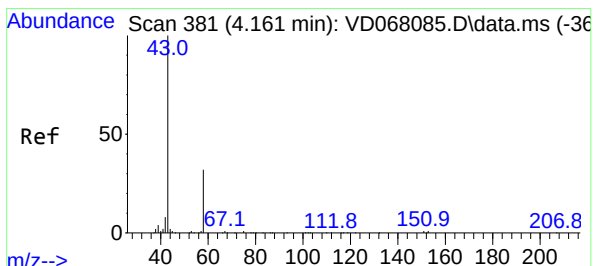
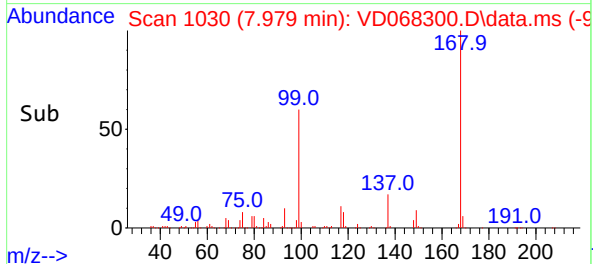
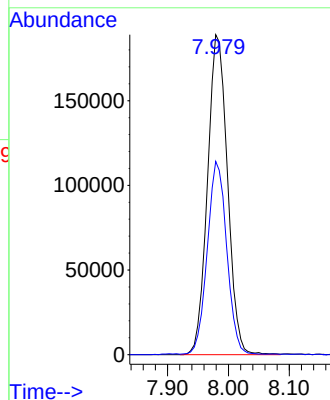
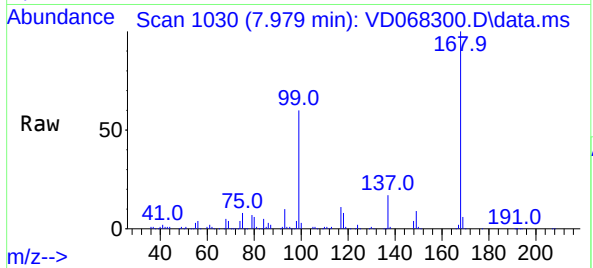




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

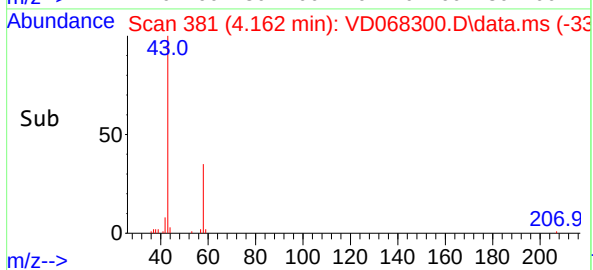
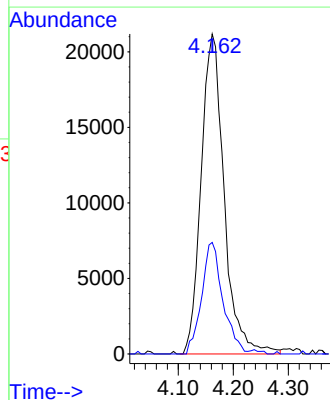
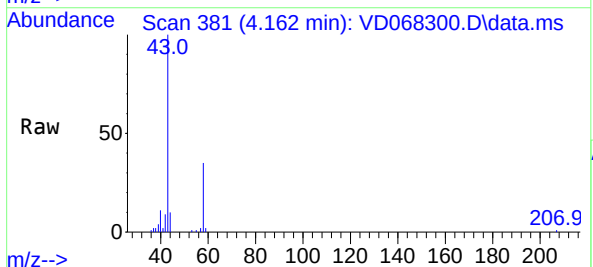
Instrument :
MSVOA_D
ClientSampled :
R-B

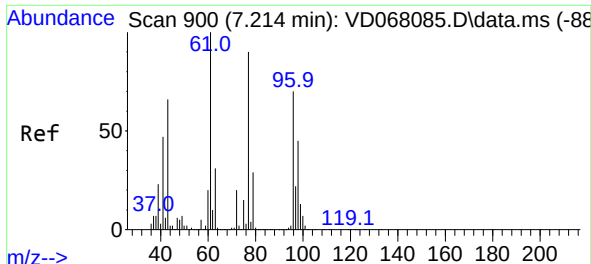
Tgt Ion:168 Resp: 430699
Ion Ratio Lower Upper
168 100
99 60.3 43.5 65.3



#16
Acetone
Concen: 83.64 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

Tgt Ion: 43 Resp: 61532
Ion Ratio Lower Upper
43 100
58 34.8 24.2 36.4

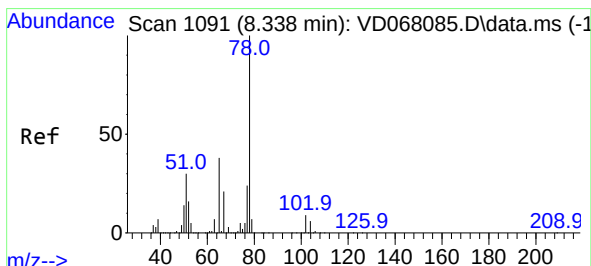
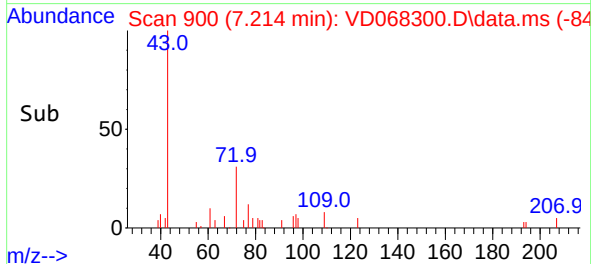
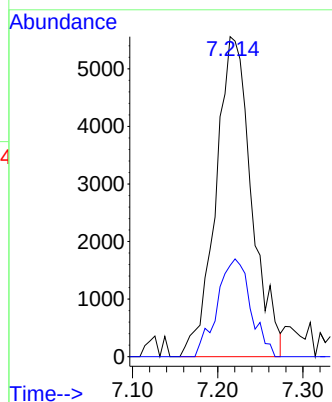
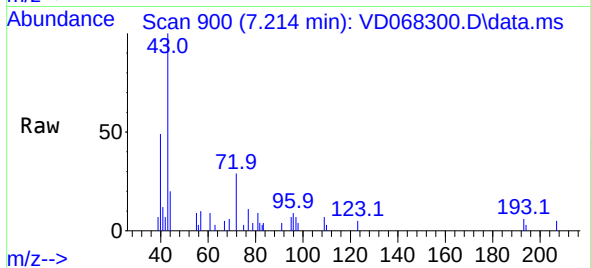




#25
2-Butanone
Concen: 14.69 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

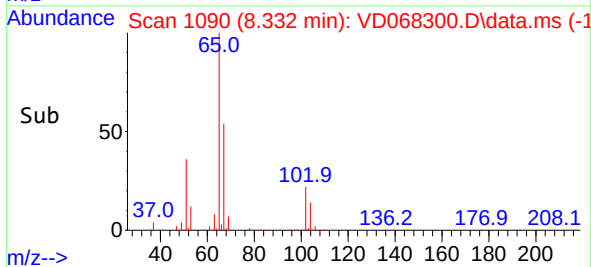
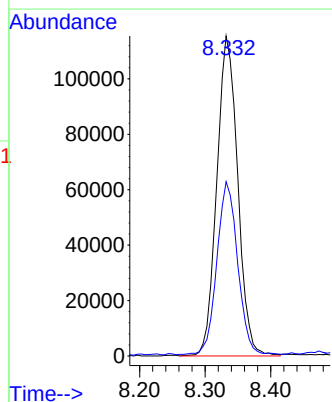
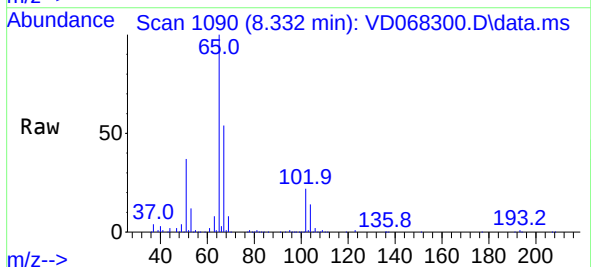
Instrument :
MSVOA_D
ClientSampled :
R-B

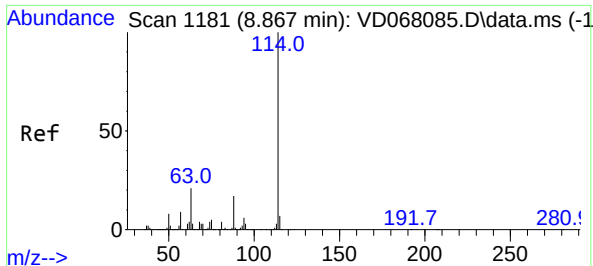
Tgt Ion: 43 Resp: 16276
Ion Ratio Lower Upper
43 100
72 28.5 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 62.03 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

Tgt Ion: 65 Resp: 255587
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



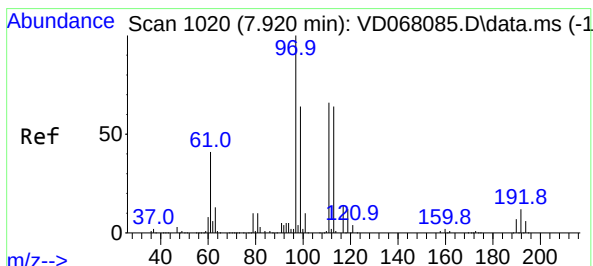
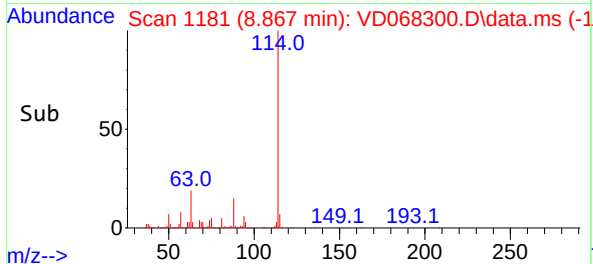
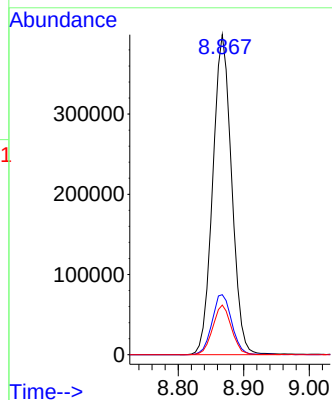
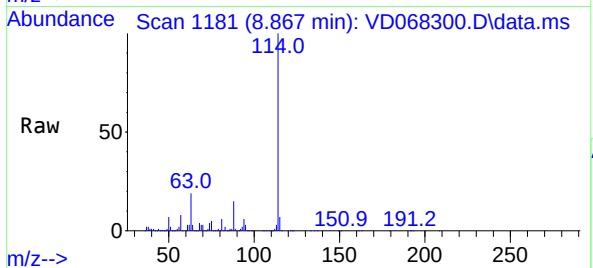


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

Instrument :
MSVOA_D
ClientSampled :
R-B

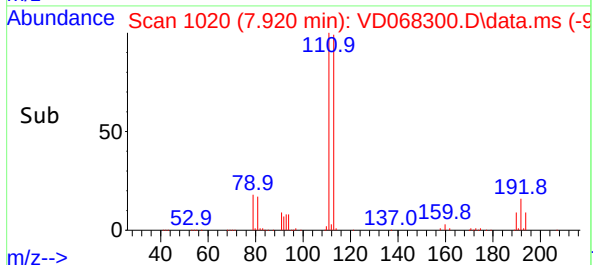
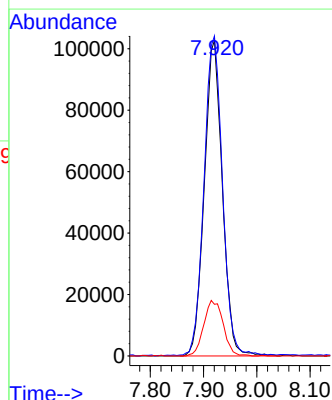
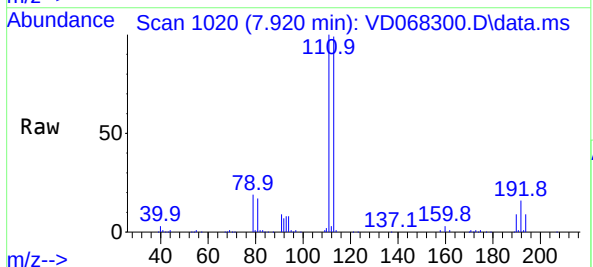
Tgt Ion:114 Resp: 797239
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.8
88 15.5 0.0 31.6

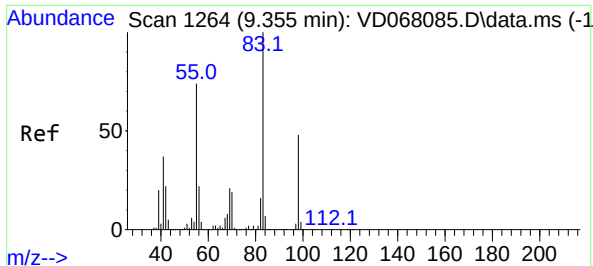


#35

Dibromofluoromethane
Concen: 54.71 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

Tgt Ion:113 Resp: 241135
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 19.0 16.1 24.1





#39

Methylcyclohexane

Concen: 12.00 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068300.D

Acq: 05 Feb 2021 14:30

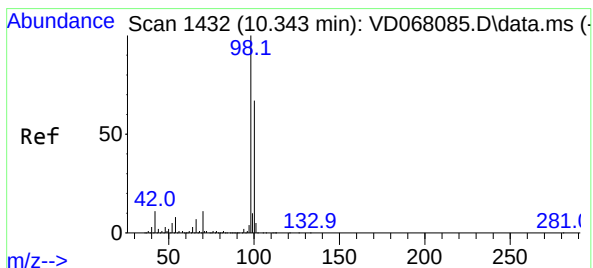
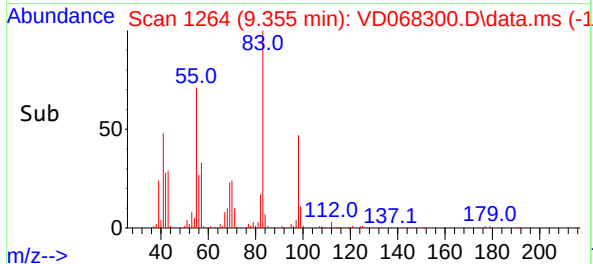
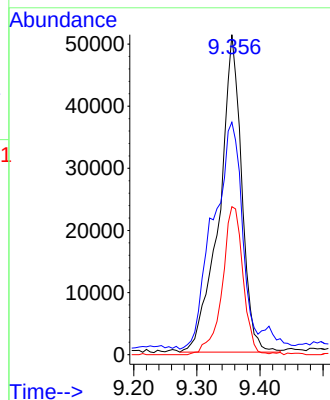
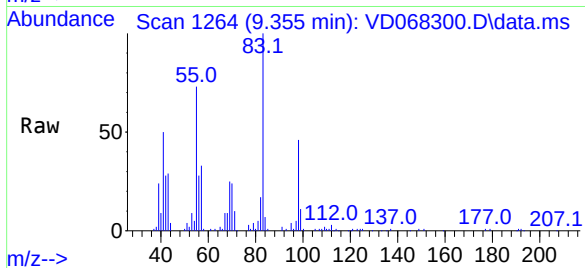
Tgt Ion: 83 Resp: 126114

Ion Ratio Lower Upper

83 100

55 71.5 55.2 82.8

98 46.6 39.1 58.7



#50

Toluene-d8

Concen: 53.50 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VD068300.D

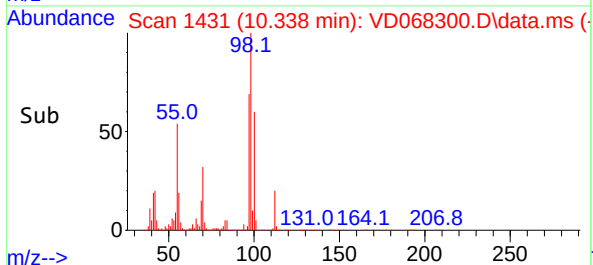
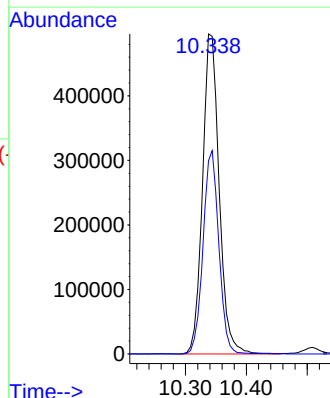
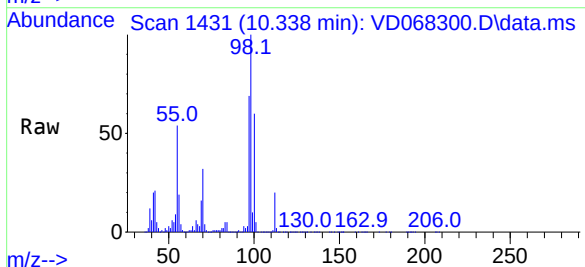
Acq: 05 Feb 2021 14:30

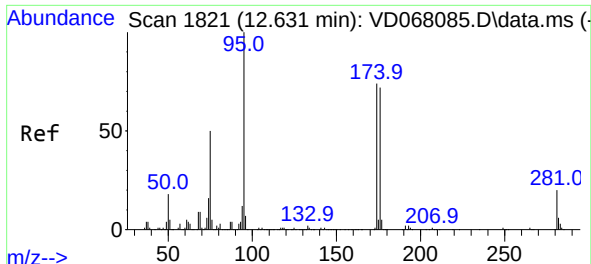
Tgt Ion: 98 Resp: 943298

Ion Ratio Lower Upper

98 100

100 60.1 53.0 79.4

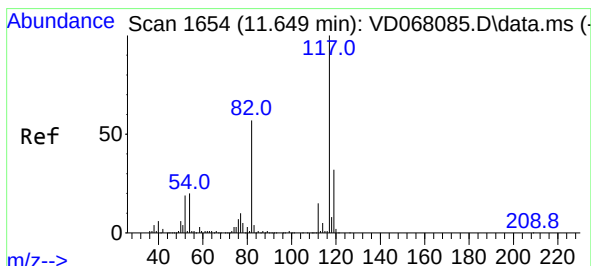
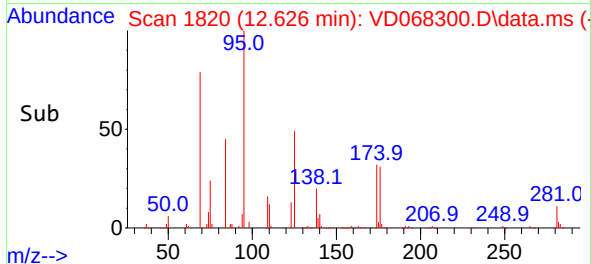
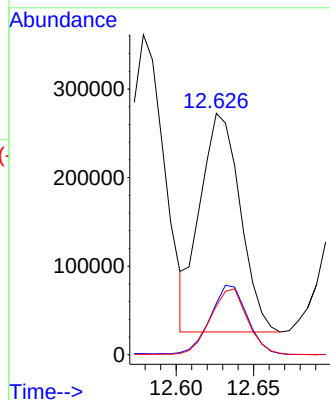
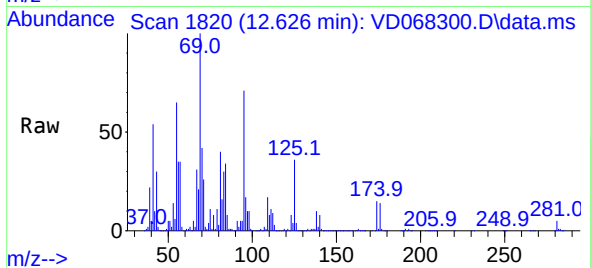




#62
4-Bromofluorobenzene
Concen: 70.38 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

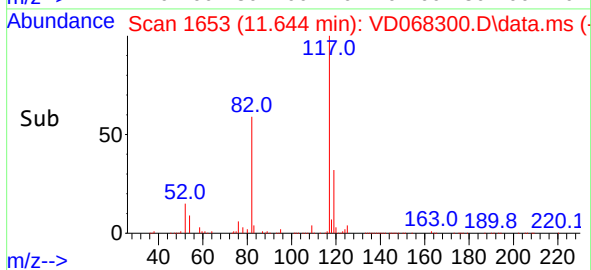
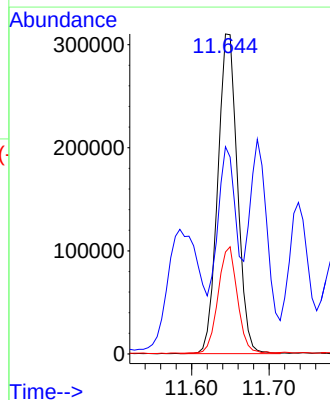
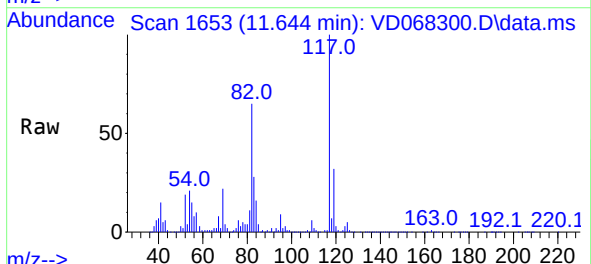
Instrument :
MSVOA_D
ClientSampled :
R-B

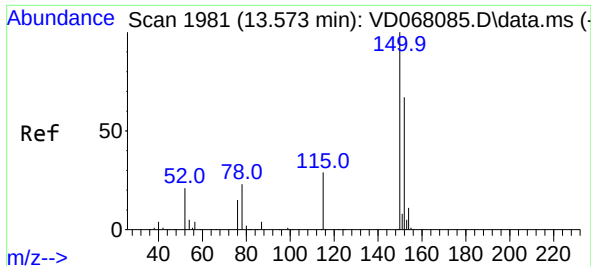
Tgt Ion: 95 Resp: 446828
Ion Ratio Lower Upper
95 100
174 29.5 0.0 172.4
176 27.8 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

Tgt Ion: 117 Resp: 545073
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.0
119 31.7 26.1 39.1

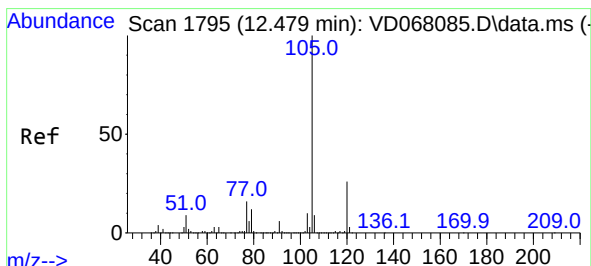
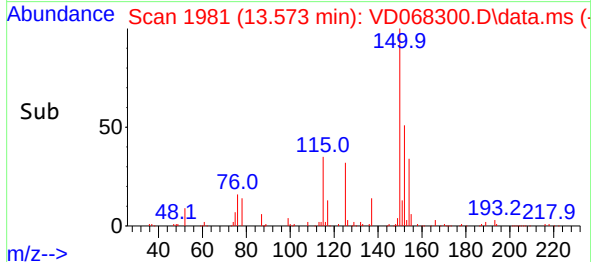
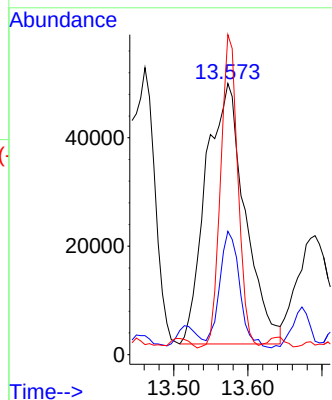
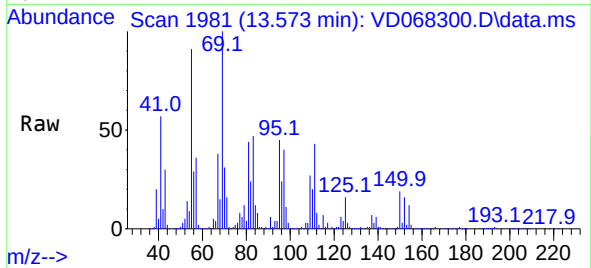




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

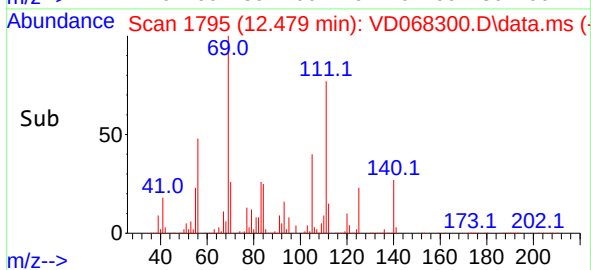
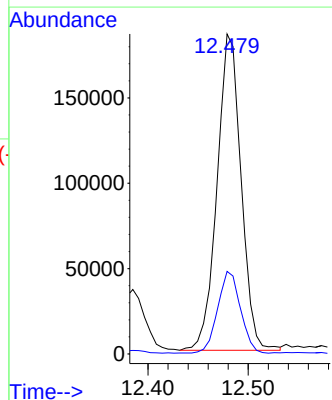
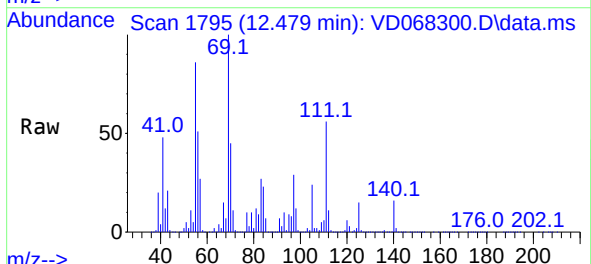
Instrument :
MSVOA_D
ClientSampled :
R-B

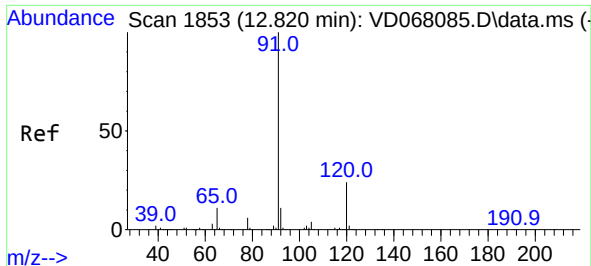
Tgt Ion:152 Resp: 176012
Ion Ratio Lower Upper
152 100
115 22.9 28.9 86.8#
150 53.3 0.0 344.4



#73
Isopropylbenzene
Concen: 21.06 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

Tgt Ion:105 Resp: 308445
Ion Ratio Lower Upper
105 100
120 24.4 13.2 39.6

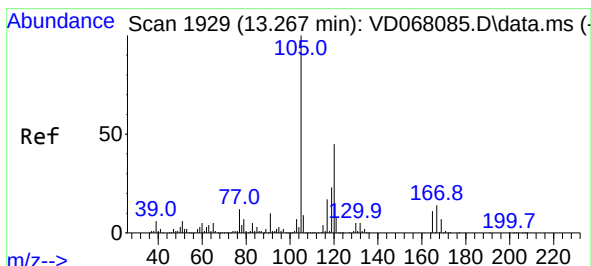
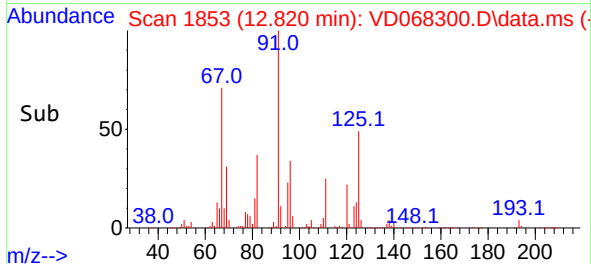
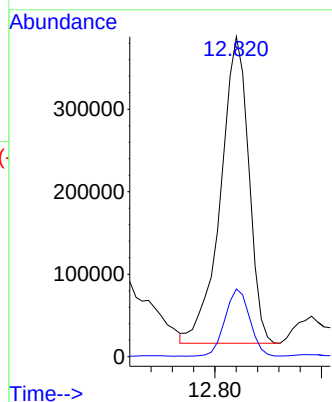
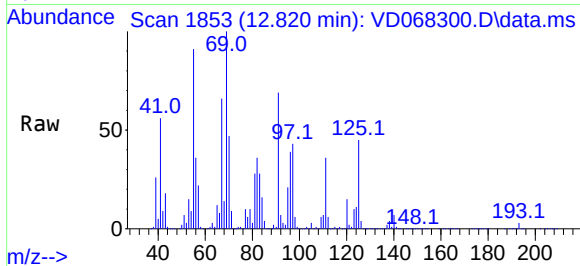




#78
n-propylbenzene
Concen: 39.40 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

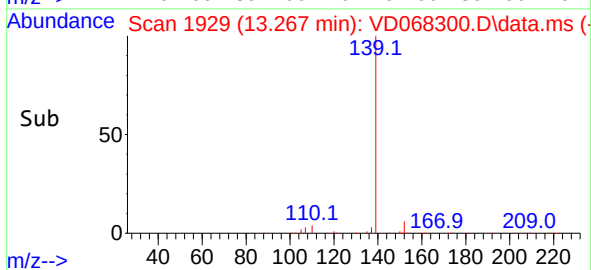
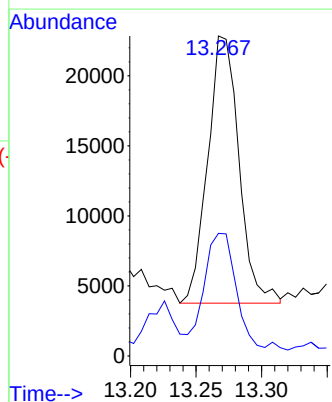
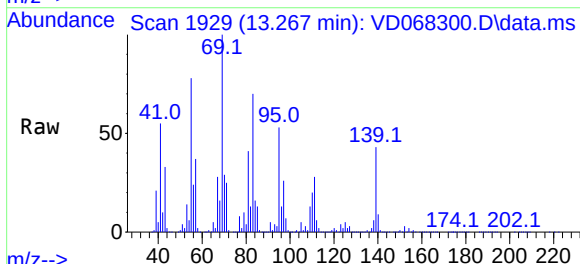
Instrument :
MSVOA_D
ClientSampled :
R-B

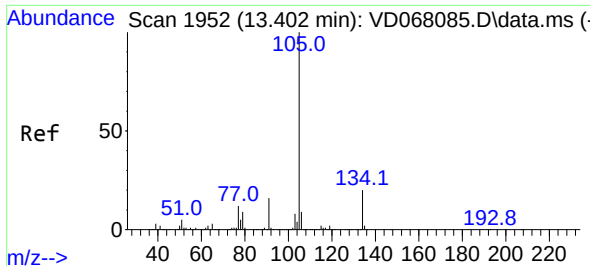
Tgt Ion: 91 Resp: 682706
Ion Ratio Lower Upper
91 100
120 19.2 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 2.62 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068300.D
Acq: 05 Feb 2021 14:30

Tgt Ion: 105 Resp: 31679
Ion Ratio Lower Upper
105 100
120 41.9 22.4 67.0

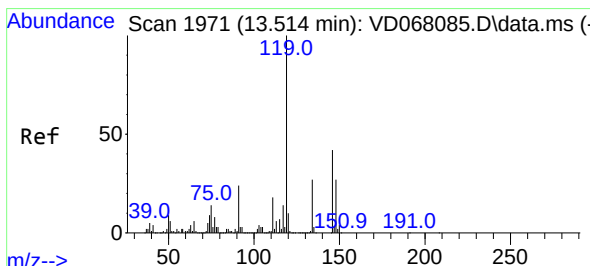
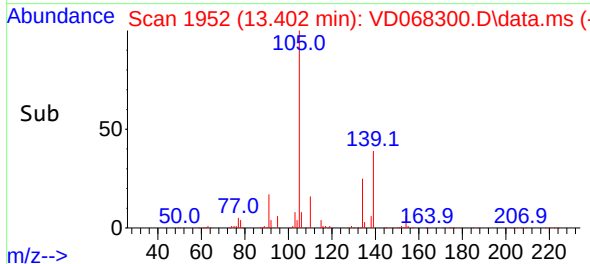
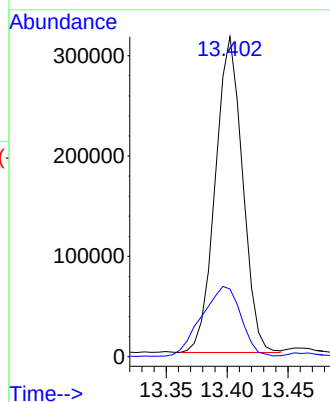
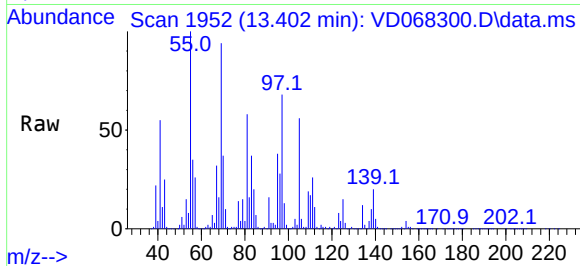




#85
 sec-Butylbenzene
 Concen: 33.97 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD068300.D
 Acq: 05 Feb 2021 14:30

Instrument :
 MSVOA_D
 ClientSampled :
 R-B

Tgt Ion:105 Resp: 491123
 Ion Ratio Lower Upper
 105 100
 134 31.9 10.3 30.9#



#86
 p-Isopropyltoluene
 Concen: 6.17 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068300.D
 Acq: 05 Feb 2021 14:30

Tgt Ion:119 Resp: 81192
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.9 38.7
 91 54.6 11.7 35.0#

