

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068301.D
 Acq On : 05 Feb 2021 14:58
 Operator : VA/SY
 Sample : M1317-05
 Misc : 7.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-C

Quant Time: Feb 06 02:44:57 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)

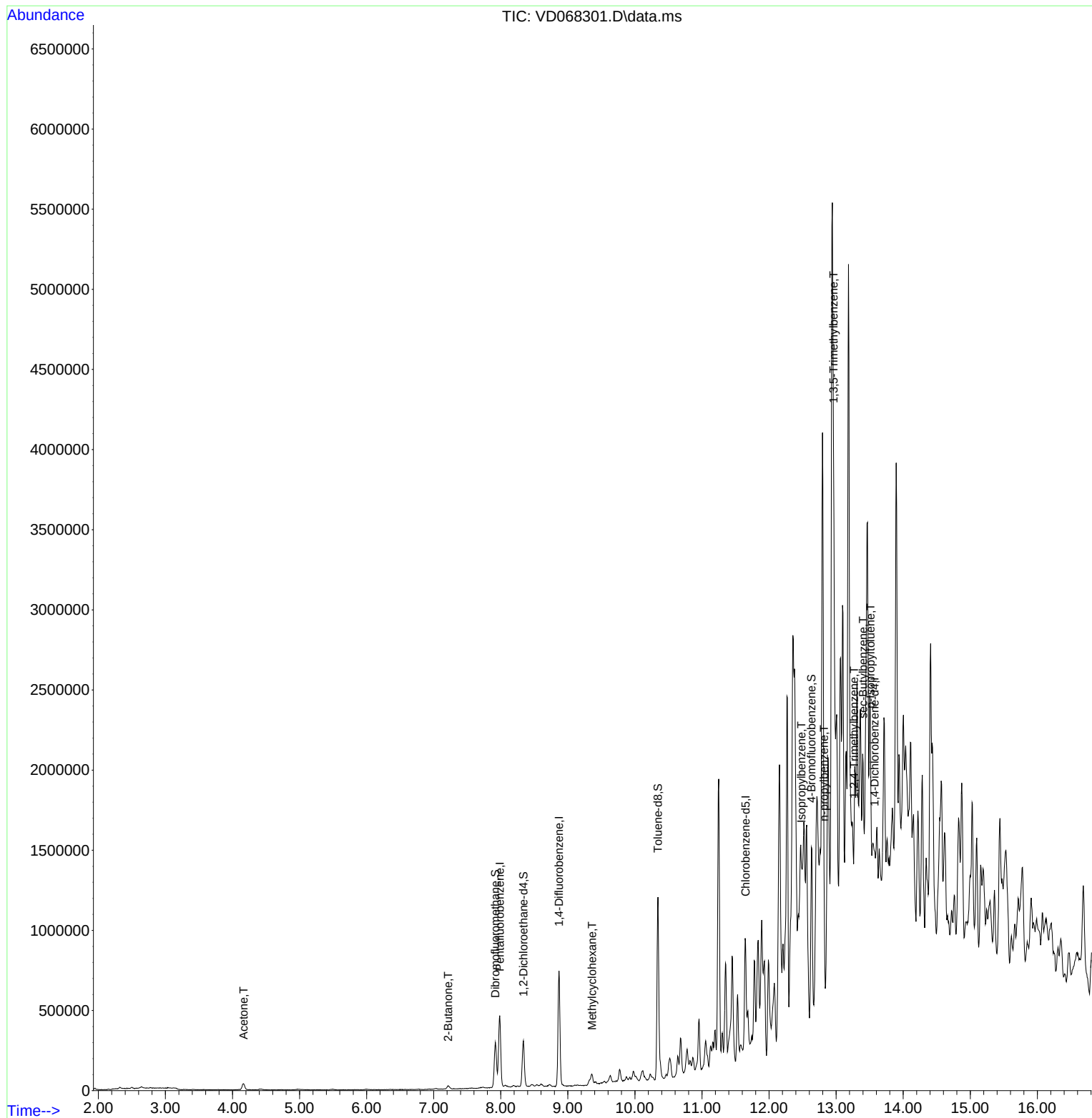
Internal Standards						
1) Pentafluorobenzene	7.985	168	337474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	641177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	446673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	121355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	226312	70.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.20%
35) Dibromofluoromethane	7.920	113	206905	58.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.74%
50) Toluene-d8	10.343	98	685502	48.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.70%
62) 4-Bromofluorobenzene	12.632	95	199771	39.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.24%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	70265	121.90	ug/l	99
25) 2-Butanone	7.214	43	28233	32.53	ug/l	95
39) Methylcyclohexane	9.361	83	31407	3.72	ug/l	97
73) Isopropylbenzene	12.485	105	77343	7.66	ug/l	97
78) n-propylbenzene	12.820	91	164826	13.80	ug/l	93
80) 1,3,5-Trimethylbenzene	12.961	105	32876	3.91	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	64905	7.78	ug/l	97
85) sec-Butylbenzene	13.402	105	141931	14.24	ug/l #	72
86) p-Isopropyltoluene	13.514	119	152763	16.85	ug/l	92

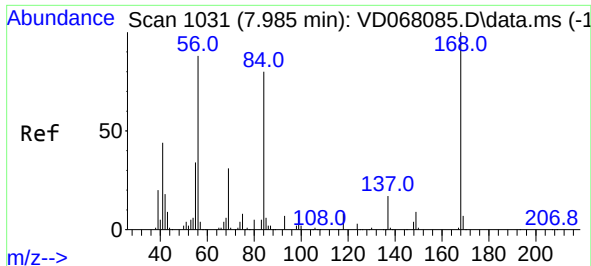
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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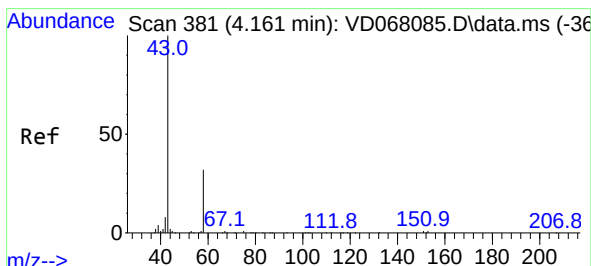
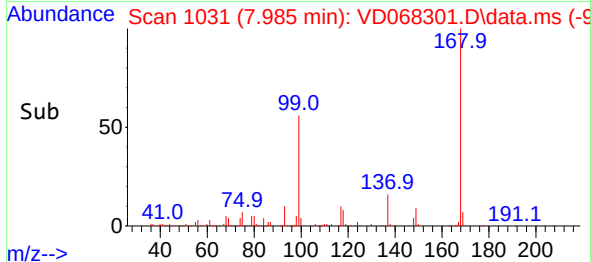
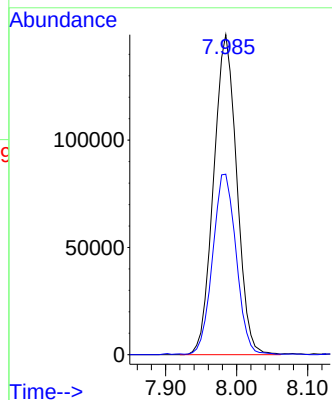
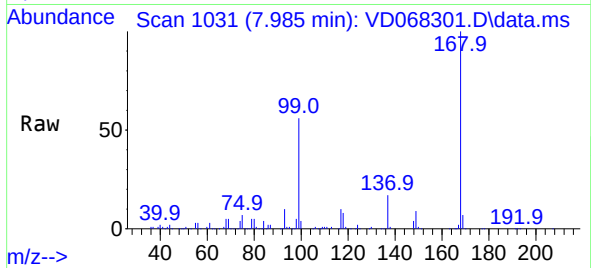




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

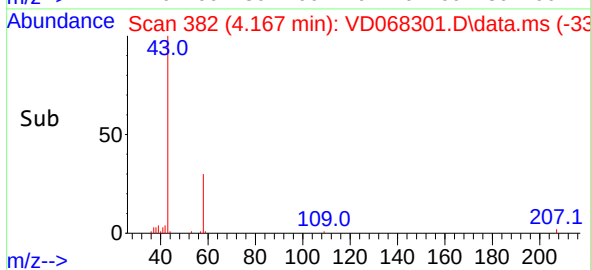
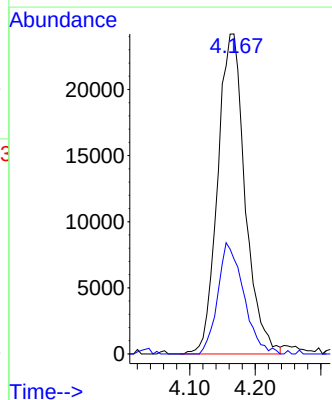
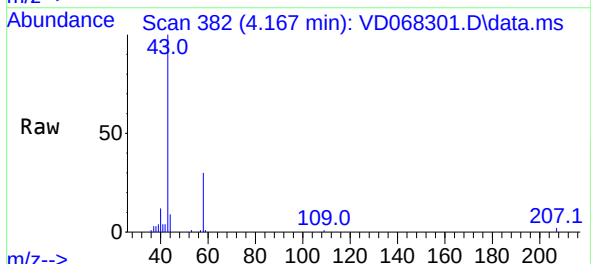
Instrument :
MSVOA_D
ClientSampled :
R-C

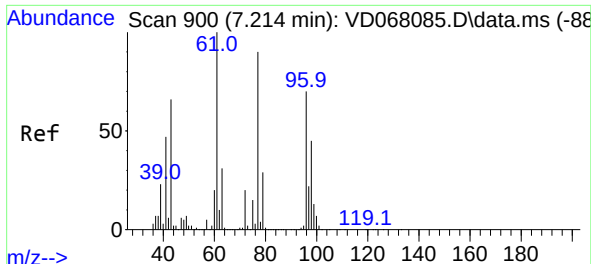
Tgt Ion:168 Resp: 337474
Ion Ratio Lower Upper
168 100
99 56.2 43.5 65.3



#16
Acetone
Concen: 121.90 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Tgt Ion: 43 Resp: 70265
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.4

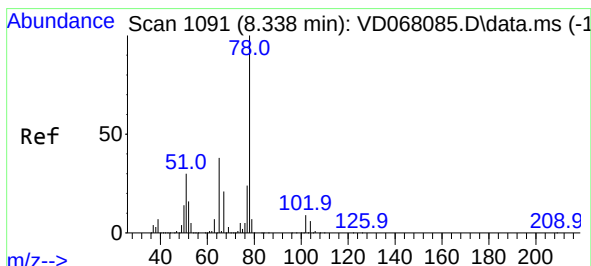
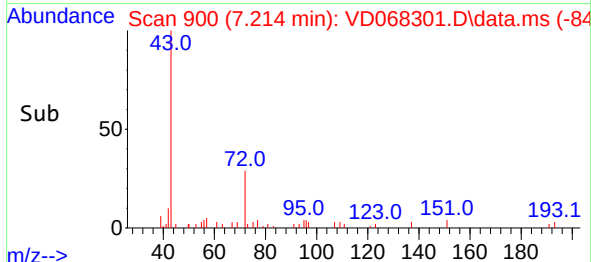
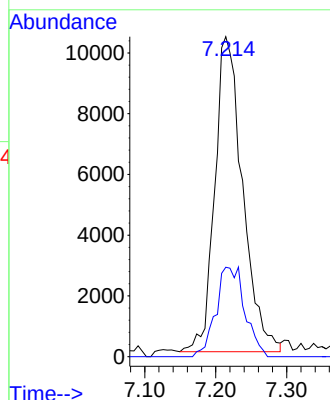
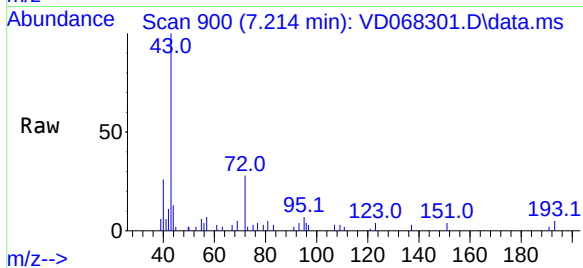




#25
2-Butanone
Concen: 32.53 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

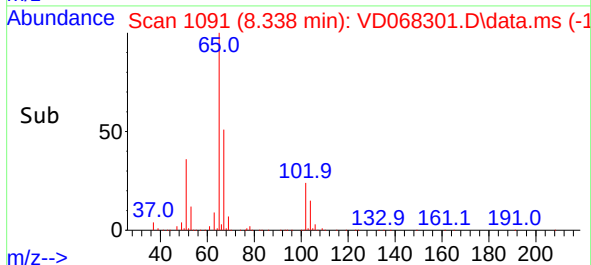
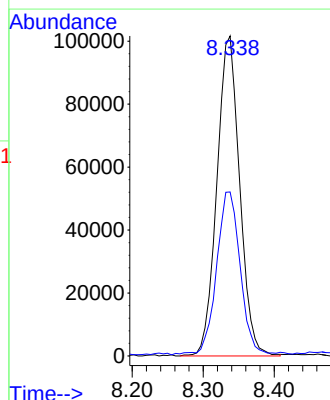
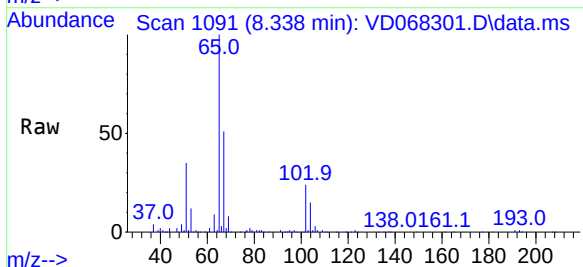
Instrument :
MSVOA_D
ClientSampled :
R-C

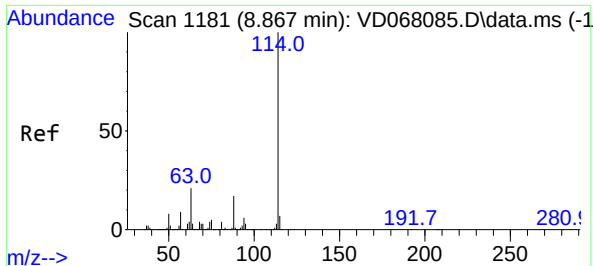
Tgt Ion: 43 Resp: 28233
Ion Ratio Lower Upper
43 100
72 28.4 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 70.10 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Tgt Ion: 65 Resp: 226312
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0



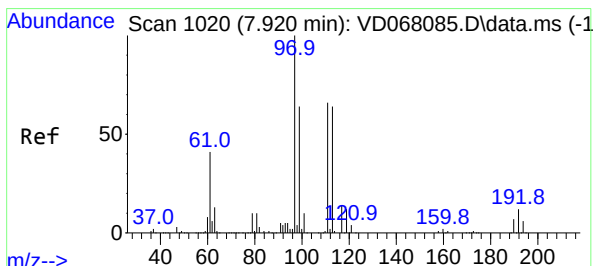
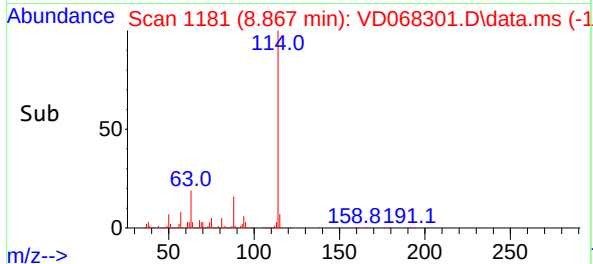
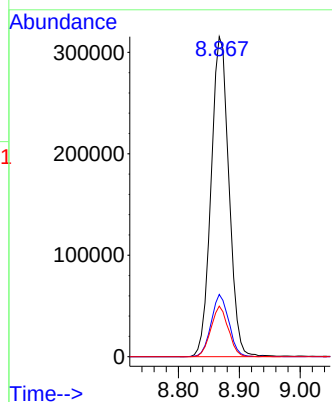
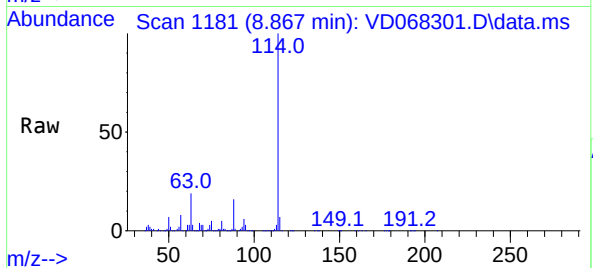


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Instrument :
MSVOA_D
ClientSampled :
R-C

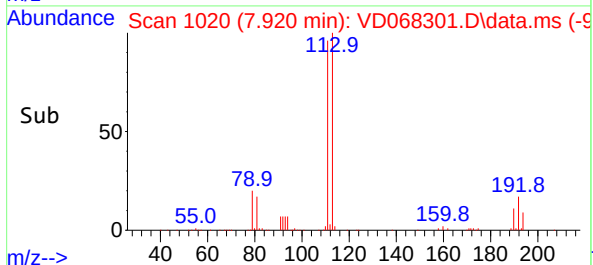
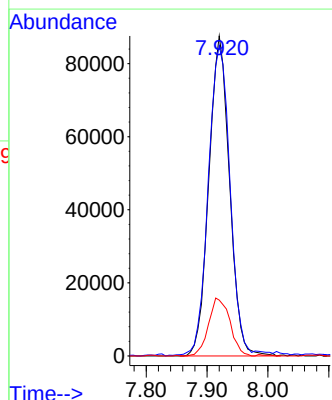
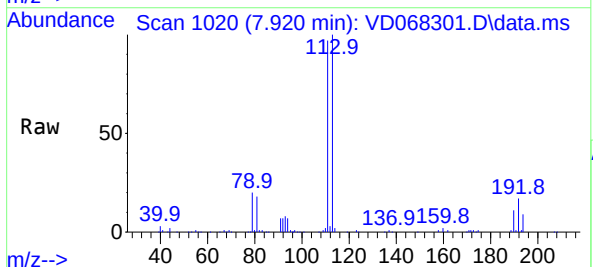
Tgt Ion:114 Resp: 641177
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.8 0.0 31.6

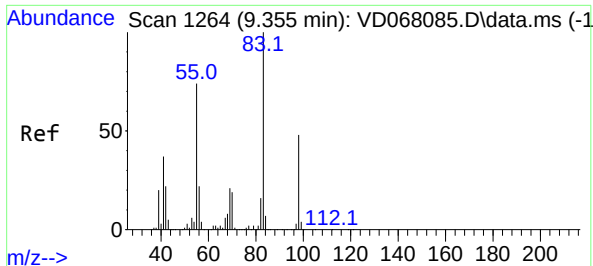


#35

Dibromofluoromethane
Concen: 58.37 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Tgt Ion:113 Resp: 206905
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.7 16.1 24.1





#39

Methylcyclohexane

Concen: 3.72 ug/l

RT: 9.361 min Scan# 1265

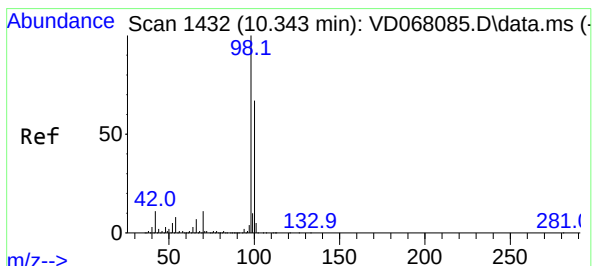
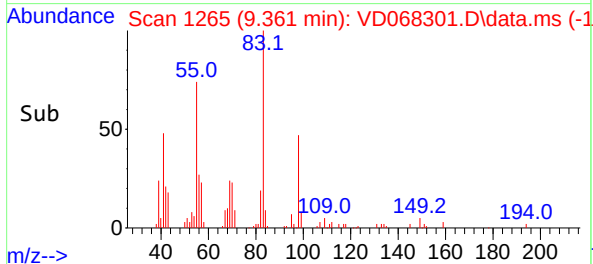
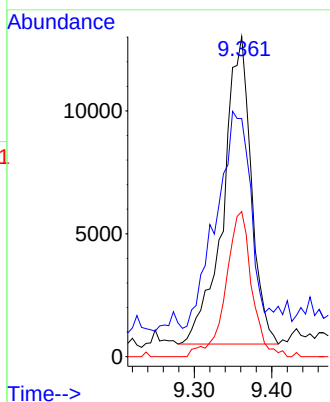
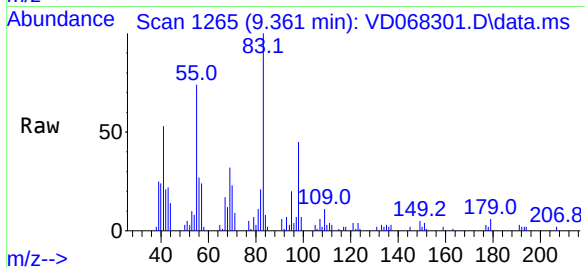
Delta R.T. 0.006 min

Lab File: VD068301.D

Acq: 05 Feb 2021 14:58

Tgt Ion:	83	Resp:	31407
Ion	Ratio	Lower	Upper
83	100		
55	66.4	55.2	82.8
98	47.2	39.1	58.7

Instrument :
MSVOA_D
ClientSampled :
R-C



#50

Toluene-d8

Concen: 48.35 ug/l

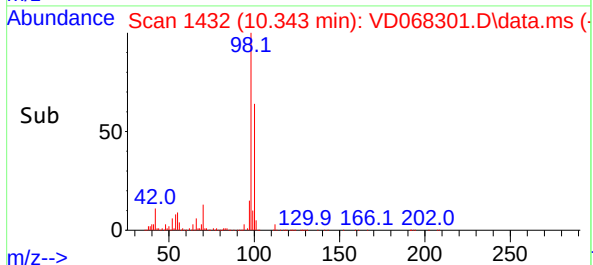
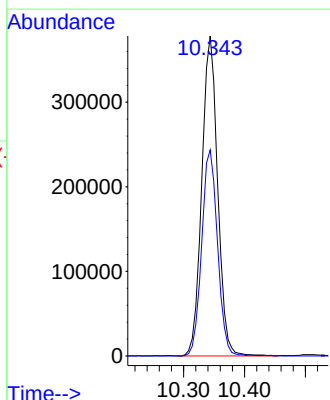
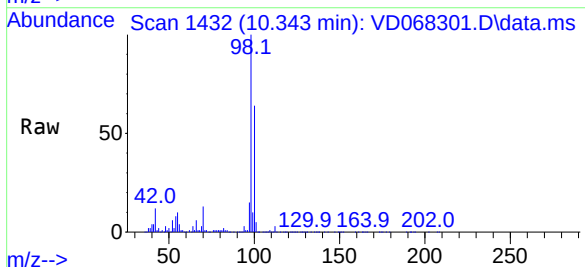
RT: 10.343 min Scan# 1432

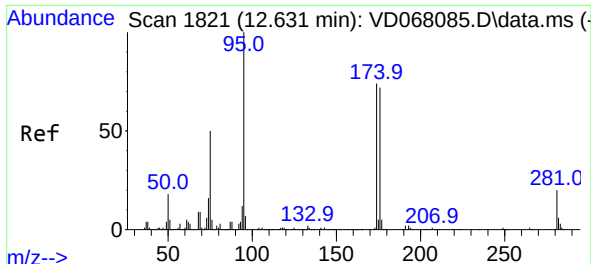
Delta R.T. 0.000 min

Lab File: VD068301.D

Acq: 05 Feb 2021 14:58

Tgt Ion:	98	Resp:	685502
Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.0	79.4

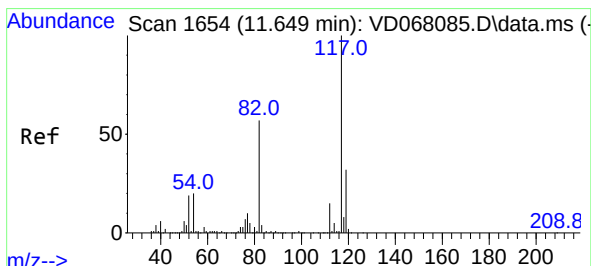
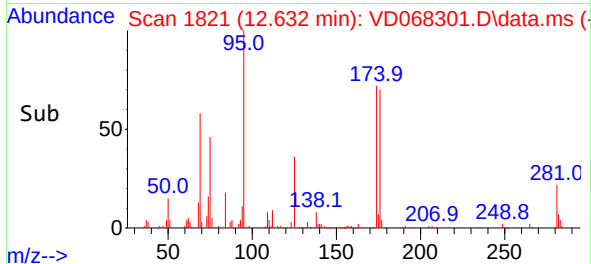
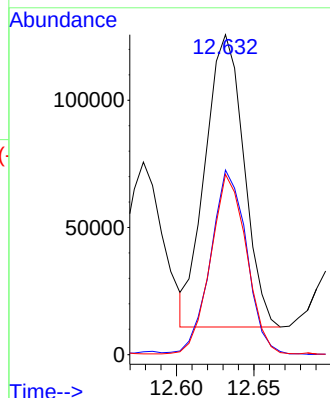
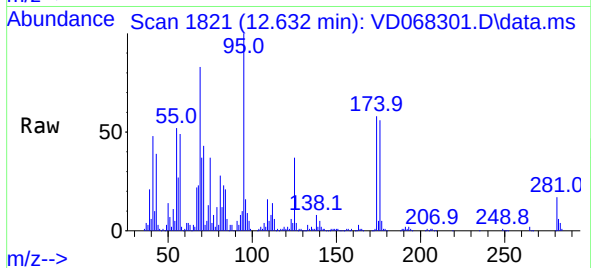




#62
4-Bromofluorobenzene
Concen: 39.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

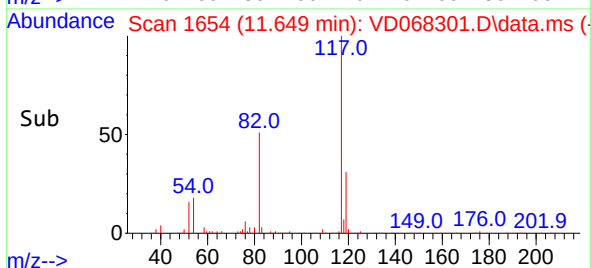
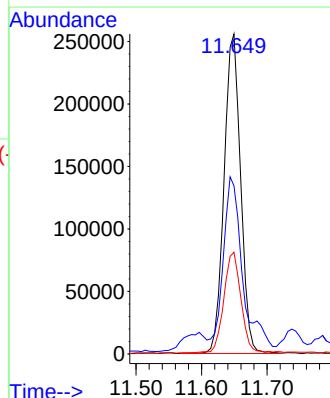
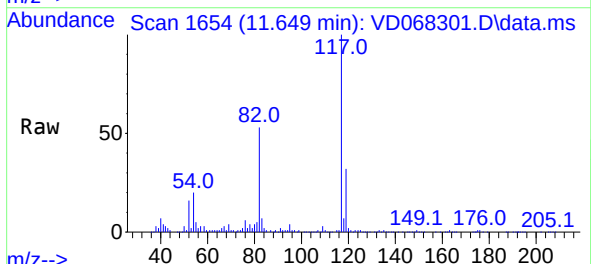
Instrument :
MSVOA_D
ClientSampled :
R-C

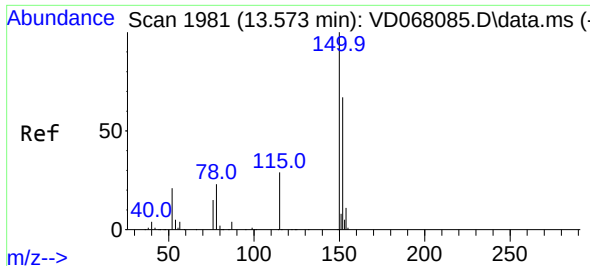
Tgt Ion: 95 Resp: 199771
Ion Ratio Lower Upper
95 100
174 59.1 0.0 172.4
176 56.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Tgt Ion: 117 Resp: 446673
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.0
119 31.5 26.1 39.1

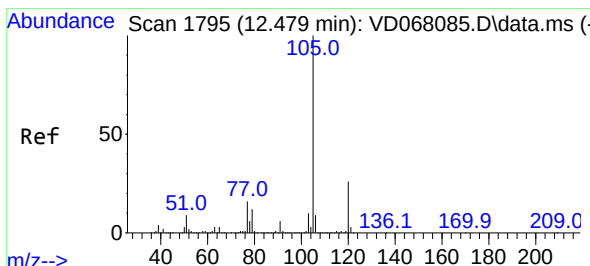
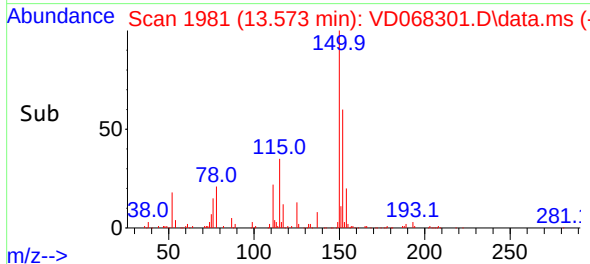
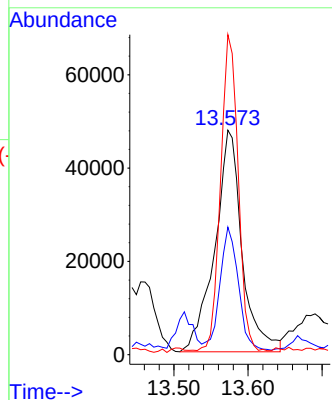
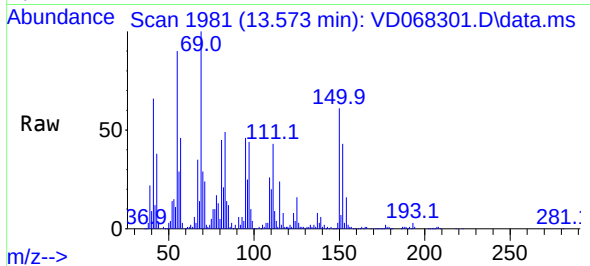




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

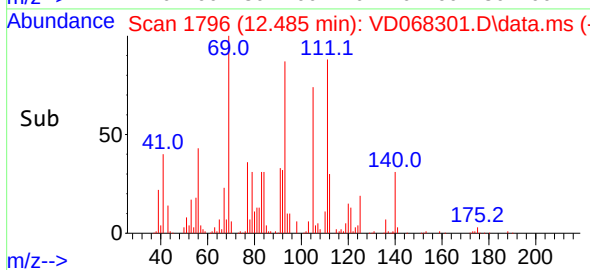
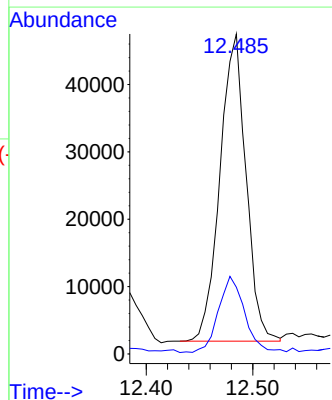
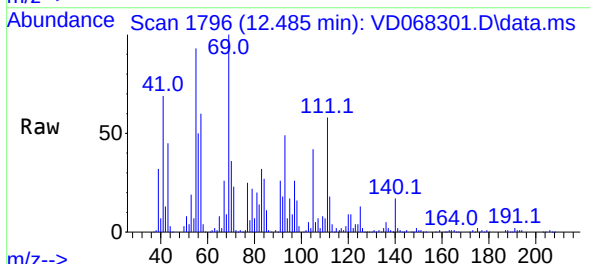
Instrument :
MSVOA_D
ClientSampled :
R-C

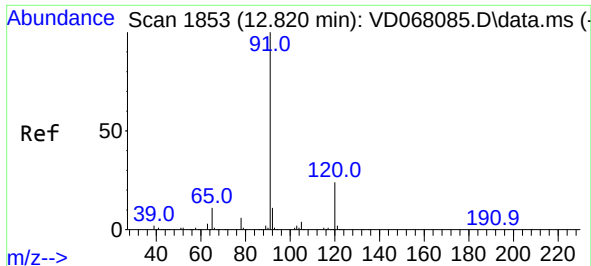
Tgt Ion:152 Resp: 121355
Ion Ratio Lower Upper
152 100
115 37.4 28.9 86.8
150 91.6 0.0 344.4



#73
Isopropylbenzene
Concen: 7.66 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Tgt Ion:105 Resp: 77343
Ion Ratio Lower Upper
105 100
120 24.8 13.2 39.6

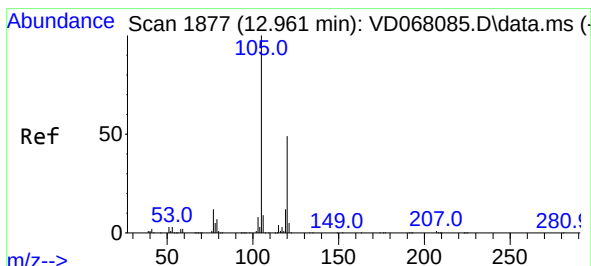
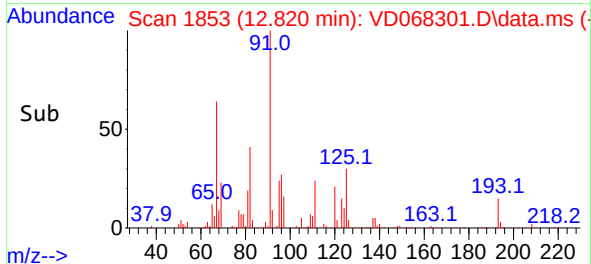
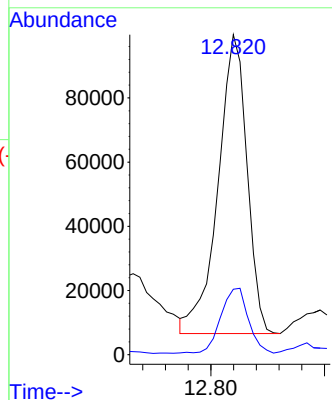
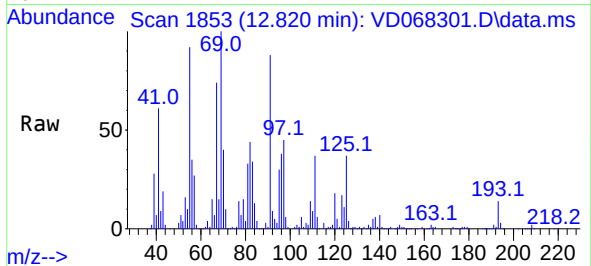




#78
n-propylbenzene
Concen: 13.80 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

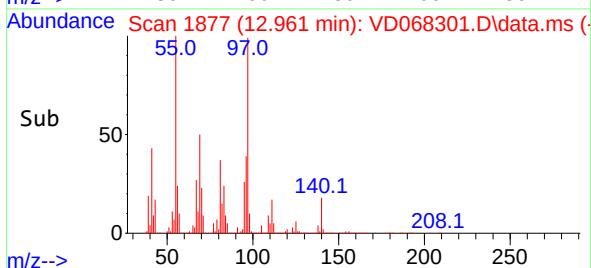
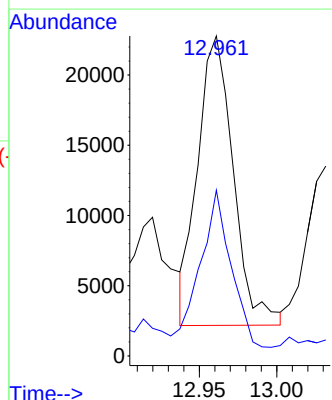
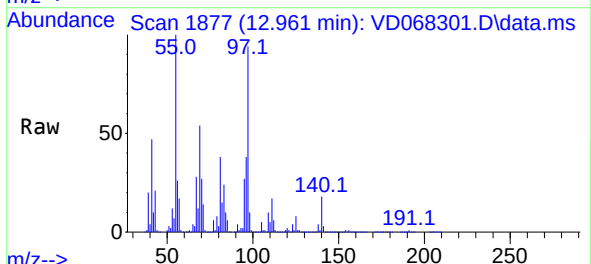
Instrument :
MSVOA_D
ClientSampled :
R-C

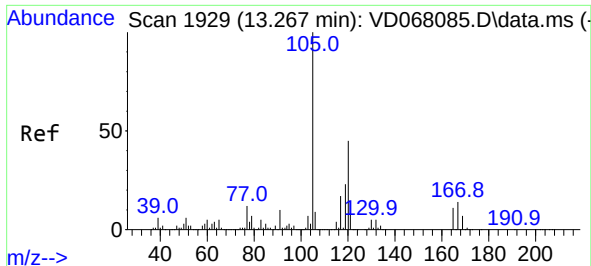
Tgt Ion: 91 Resp: 164826
Ion Ratio Lower Upper
91 100
120 20.6 12.0 36.0



#80
1,3,5-Trimethylbenzene
Concen: 3.91 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Tgt Ion: 105 Resp: 32876
Ion Ratio Lower Upper
105 100
120 47.0 24.2 72.6

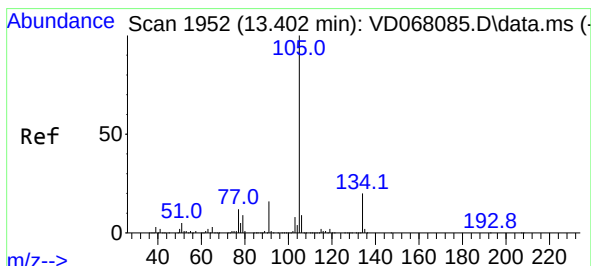
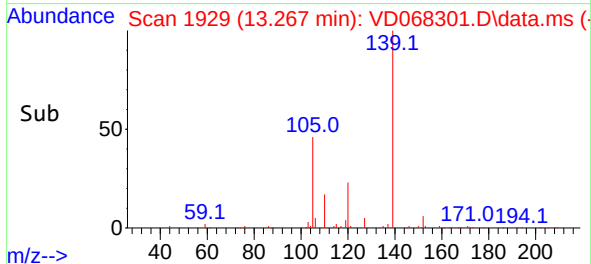
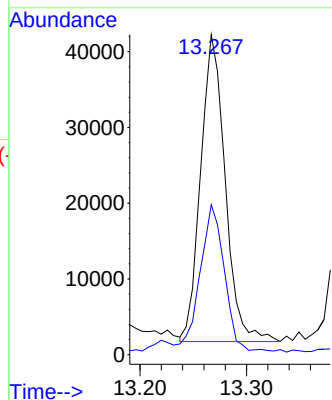
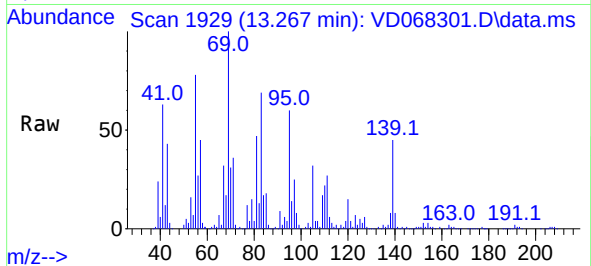




#84
1,2,4-Trimethylbenzene
Concen: 7.78 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

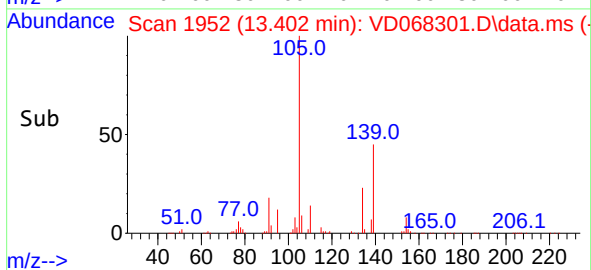
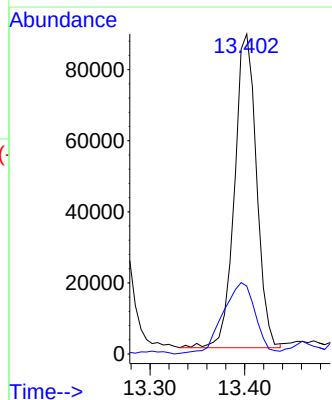
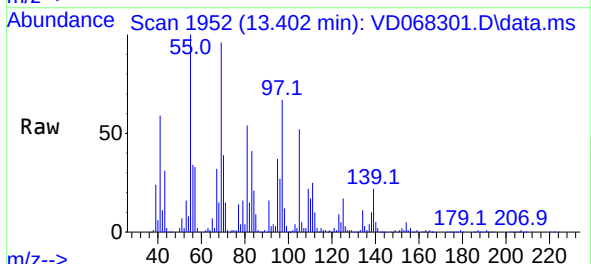
Instrument :
MSVOA_D
ClientSampled :
R-C

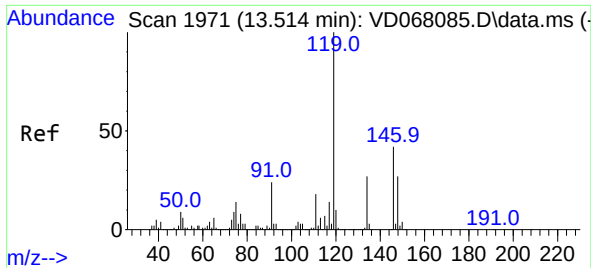
Tgt Ion:105 Resp: 64905
Ion Ratio Lower Upper
105 100
120 46.8 22.4 67.0



#85
sec-Butylbenzene
Concen: 14.24 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Tgt Ion:105 Resp: 141931
Ion Ratio Lower Upper
105 100
134 33.8 10.3 30.9#





#86
p-Isopropyltoluene
Concen: 16.85 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068301.D
Acq: 05 Feb 2021 14:58

Instrument :
MSVOA_D
ClientSampled :
R-C

Tgt Ion:119 Resp: 152763
Ion Ratio Lower Upper
119 100
134 28.3 12.9 38.7
91 29.3 11.7 35.0

