

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068299.D
 Acq On : 05 Feb 2021 14:03
 Operator : VA/SY
 Sample : M1317-01
 Misc : 9.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-A

Quant Time: Feb 06 02:36:15 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)

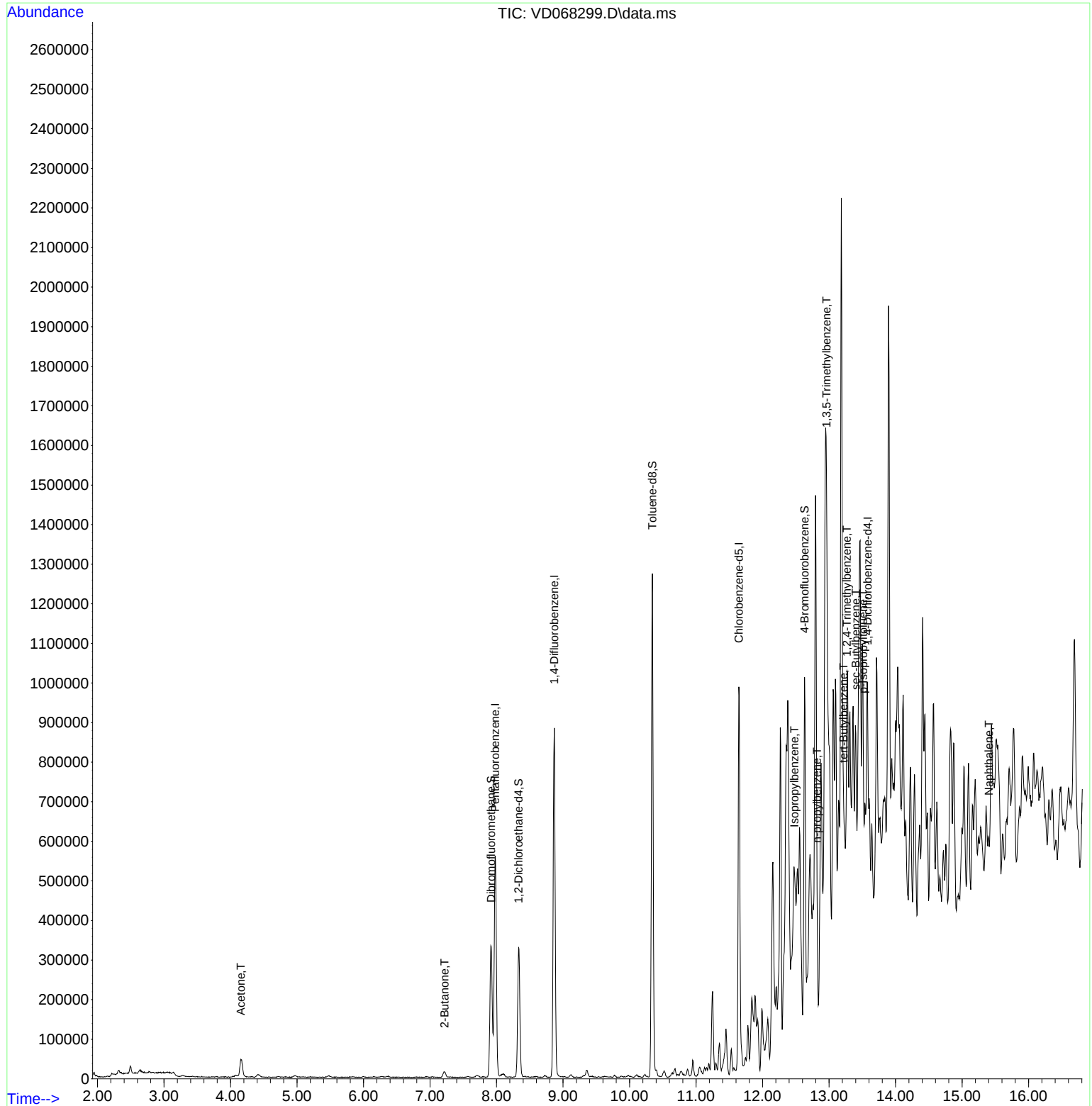
Internal Standards						
1) Pentafluorobenzene	7.979	168	416523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	792029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	584303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	134311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259419	65.11	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.22%			
35) Dibromofluoromethane	7.920	113	249757	57.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.08%			
50) Toluene-d8	10.344	98	877899	50.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.24%			
62) 4-Bromofluorobenzene	12.632	95	220693	34.99	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 69.98%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	81427	114.45	ug/l	92
25) 2-Butanone	7.220	43	16489	15.39	ug/l	92
73) Isopropylbenzene	12.479	105	47951	4.29	ug/l	91
78) n-propylbenzene	12.820	91	98473	7.45	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	61796	6.64	ug/l	95
83) tert-Butylbenzene	13.220	119	13790	1.75	ug/l	86
84) 1,2,4-Trimethylbenzene	13.267	105	219028	23.71	ug/l	98
85) sec-Butylbenzene	13.402	105	98497	8.93	ug/l #	74
86) p-Isopropyltoluene	13.514	119	52940	5.28	ug/l	95
95) Naphthalene	15.402	128	103264	20.36	ug/l #	93

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

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Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

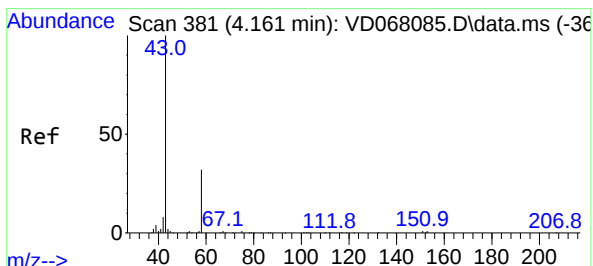
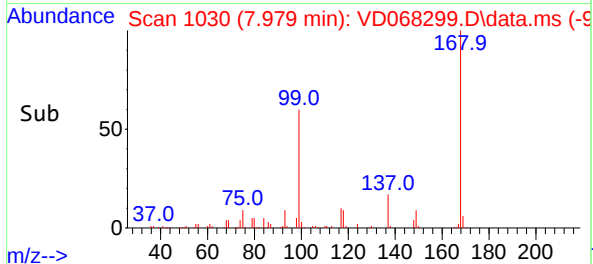
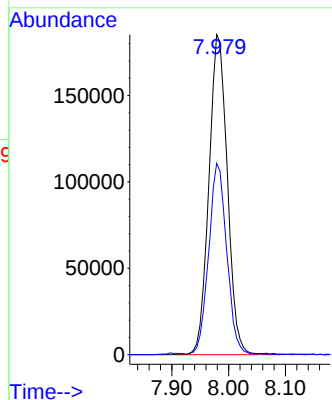
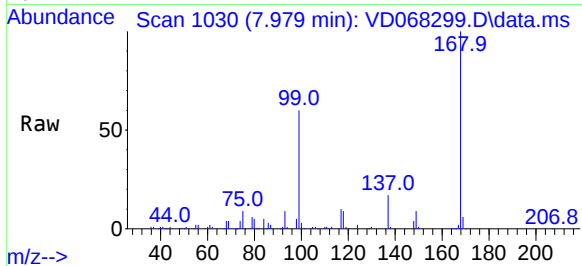




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

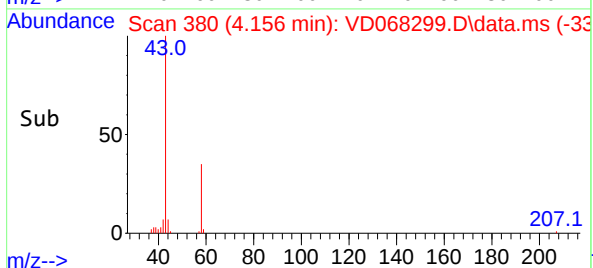
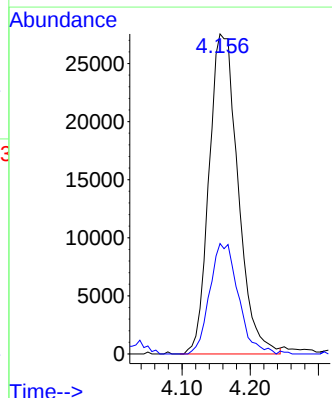
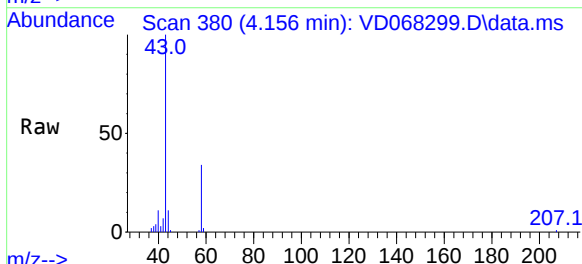
Instrument :
MSVOA_D
ClientSampled :
R-A

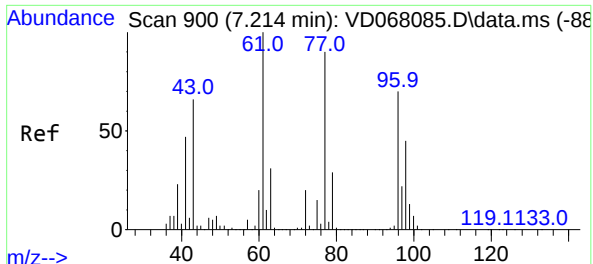
Tgt Ion:168 Resp: 416523
Ion Ratio Lower Upper
168 100
99 59.6 43.5 65.3



#16
Acetone
Concen: 114.45 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion: 43 Resp: 81427
Ion Ratio Lower Upper
43 100
58 34.5 24.2 36.4

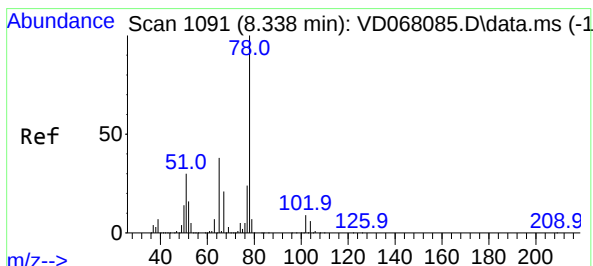
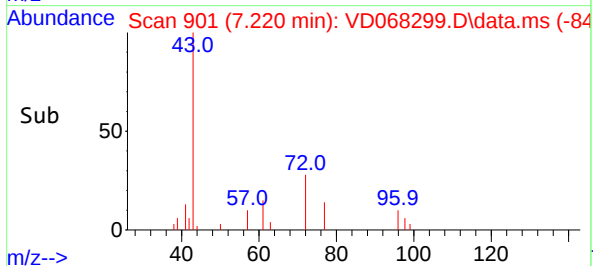
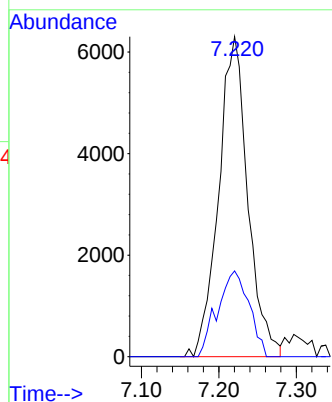
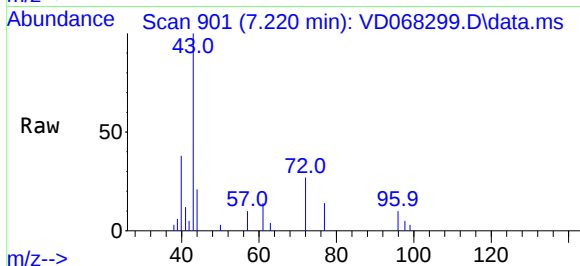




#25
2-Butanone
Concen: 15.39 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

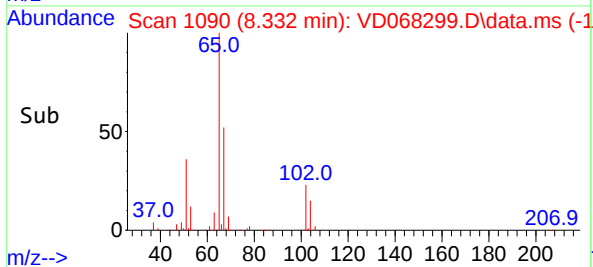
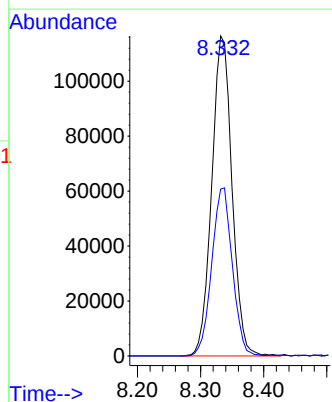
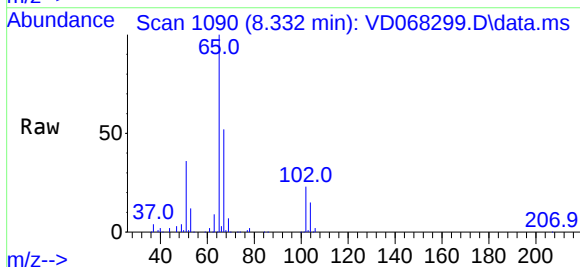
Instrument :
MSVOA_D
ClientSampled :
R-A

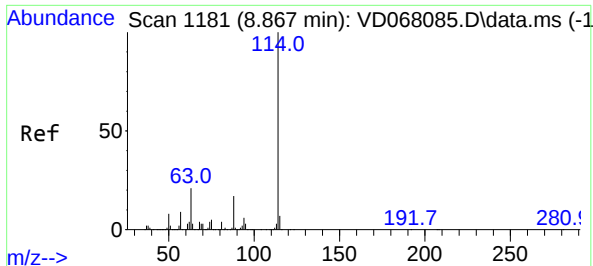
Tgt Ion: 43 Resp: 16489
Ion Ratio Lower Upper
43 100
72 26.8 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 65.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion: 65 Resp: 259419
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0



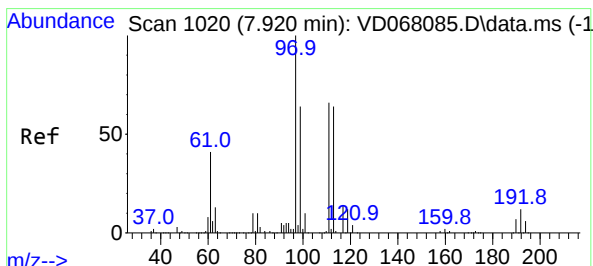
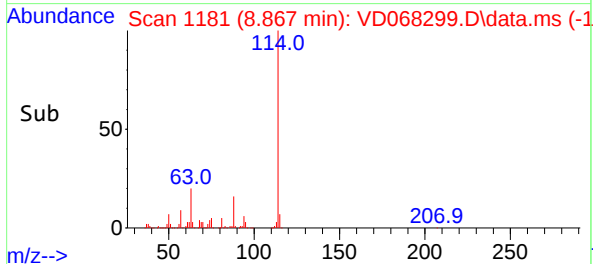
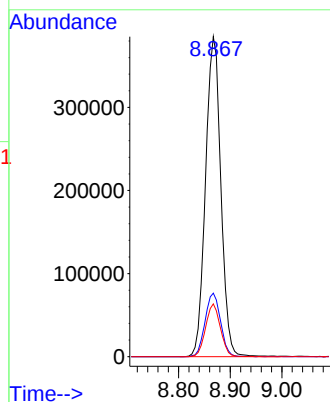
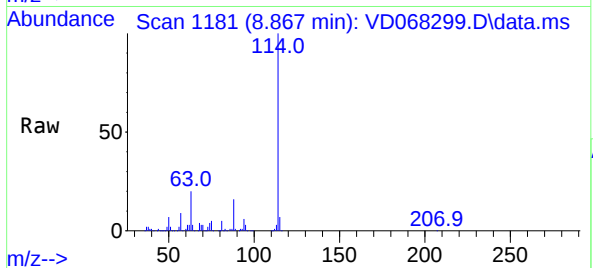


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Instrument :
MSVOA_D
ClientSampled :
R-A

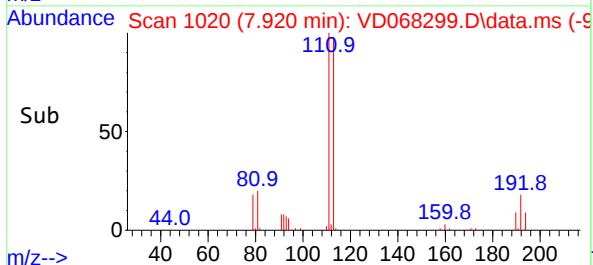
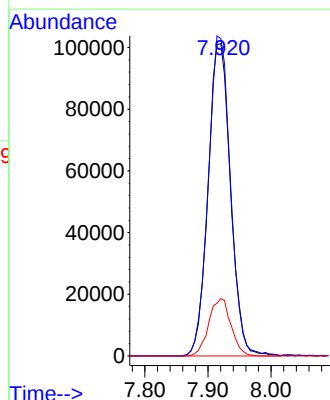
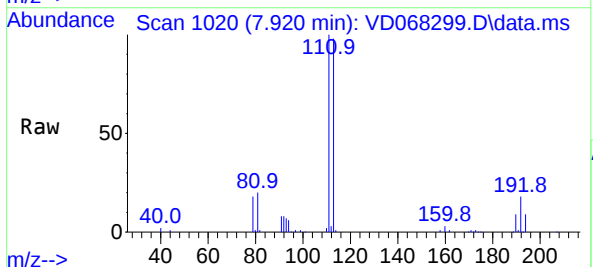
Tgt Ion:114 Resp: 792029
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 16.5 0.0 31.6

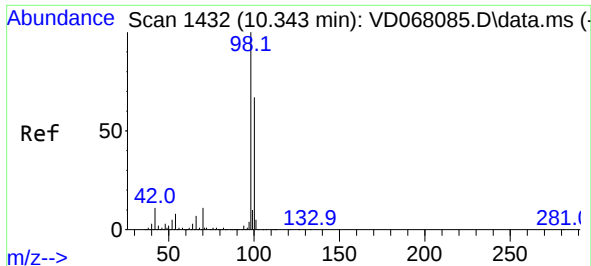


#35

Dibromofluoromethane
Concen: 57.04 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion:113 Resp: 249757
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.2 16.1 24.1

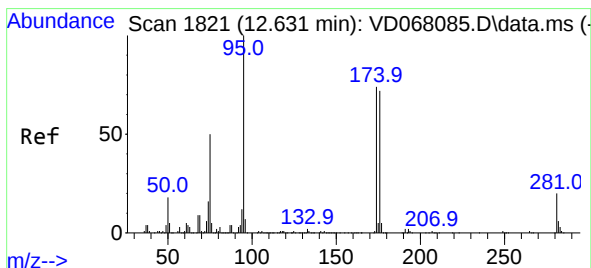
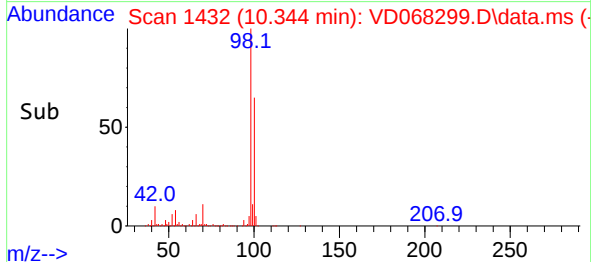
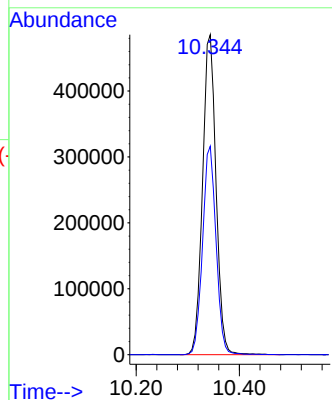
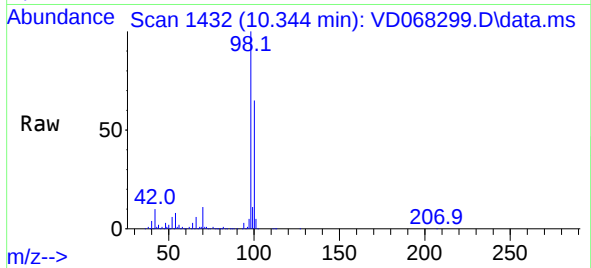




#50
Toluene-d8
Concen: 50.12 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

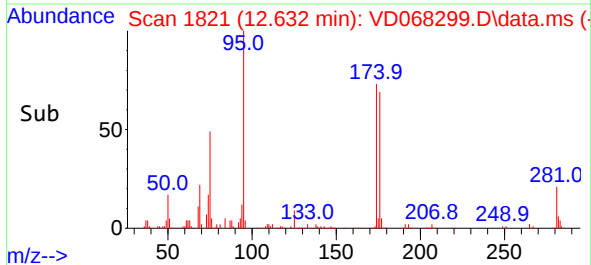
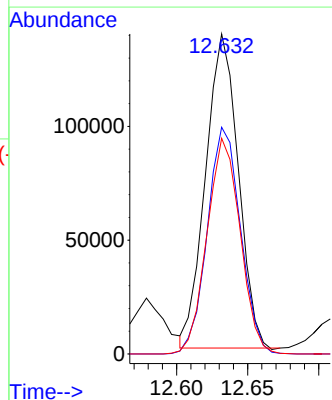
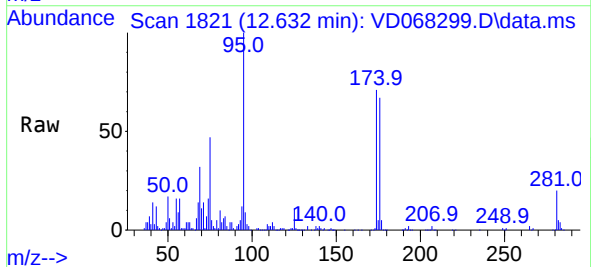
Instrument :
MSVOA_D
ClientSampled :
R-A

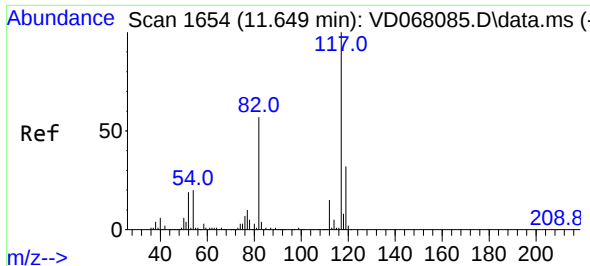
Tgt Ion: 98 Resp: 877899
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 34.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion: 95 Resp: 220693
Ion Ratio Lower Upper
95 100
174 73.6 0.0 172.4
176 69.8 0.0 168.4

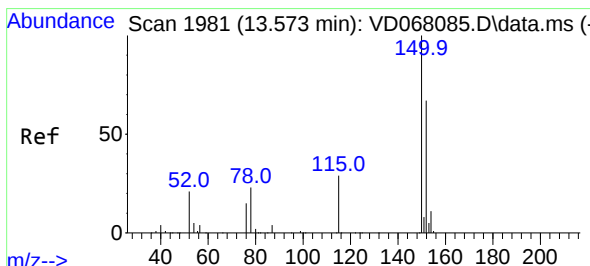
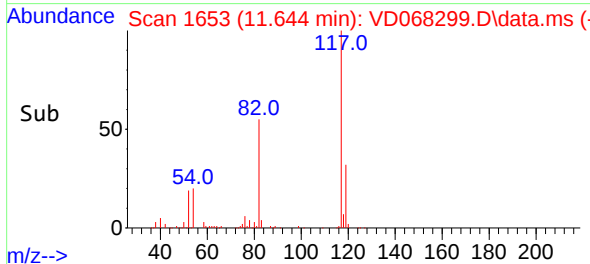
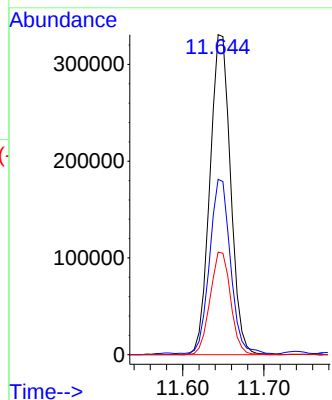
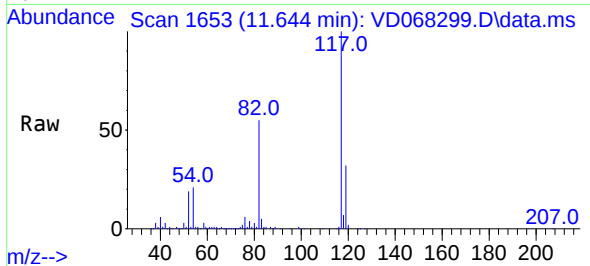




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

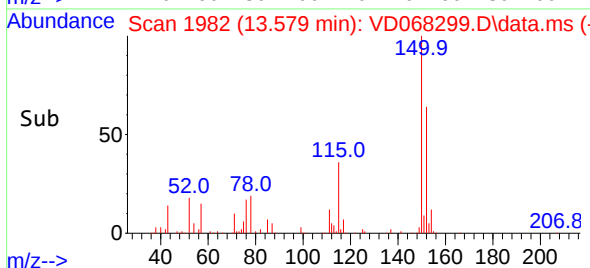
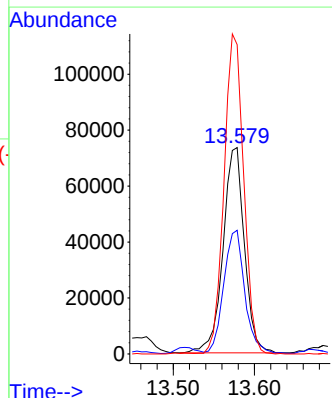
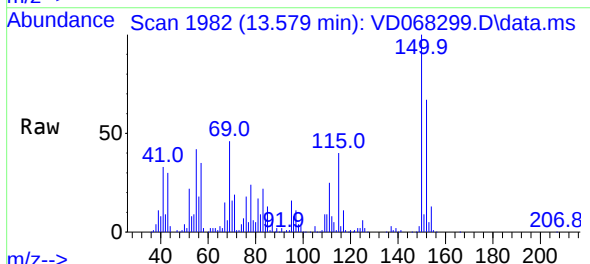
Instrument :
MSVOA_D
ClientSampleId :
R-A

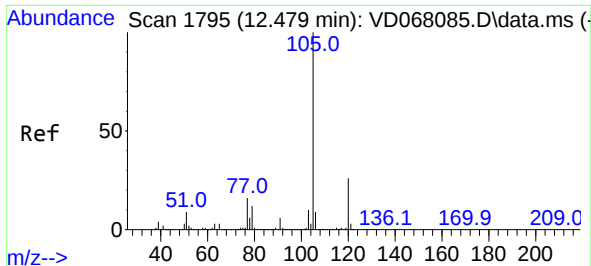
Tgt Ion:117 Resp: 584303
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion:152 Resp: 134311
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.8
150 143.5 0.0 344.4

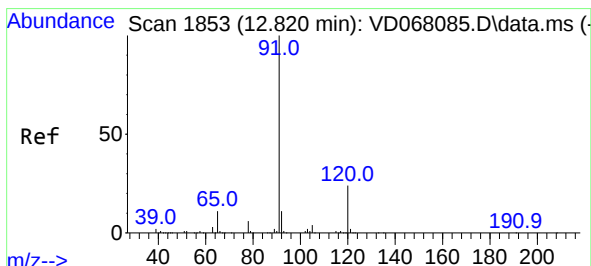
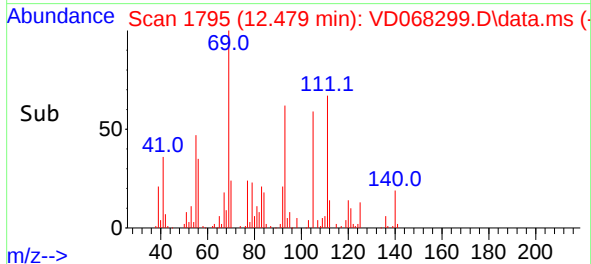
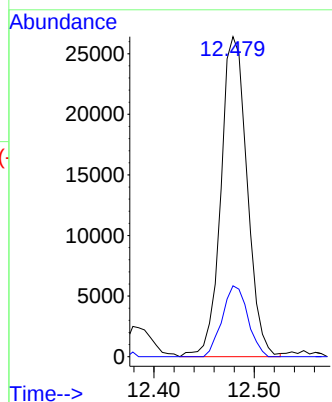
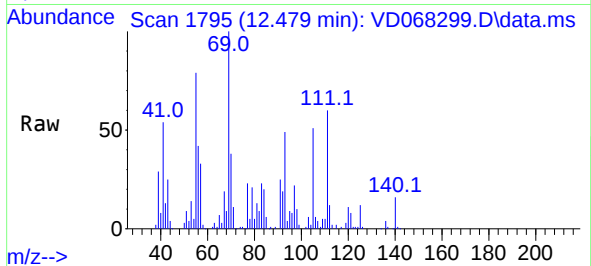




#73
Isopropylbenzene
Concen: 4.29 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

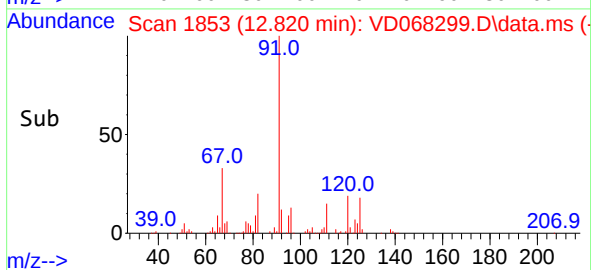
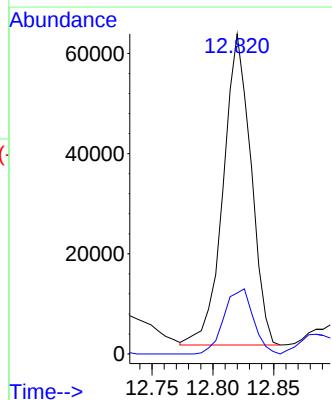
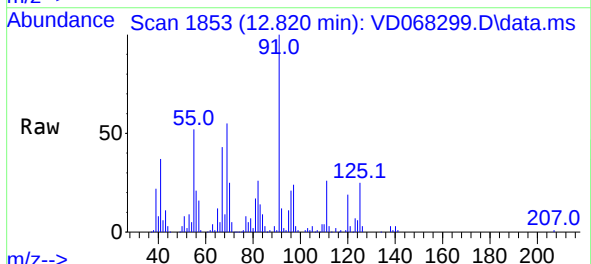
Instrument :
MSVOA_D
ClientSampled :
R-A

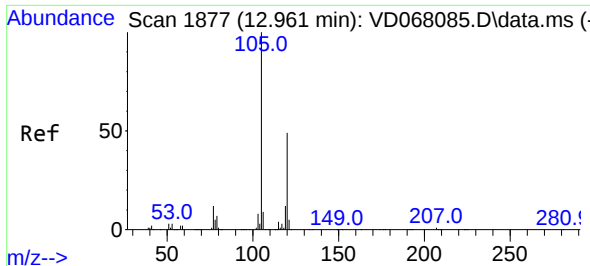
Tgt Ion: 105 Resp: 47951
Ion Ratio Lower Upper
105 100
120 21.6 13.2 39.6



#78
n-propylbenzene
Concen: 7.45 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion: 91 Resp: 98473
Ion Ratio Lower Upper
91 100
120 22.1 12.0 36.0

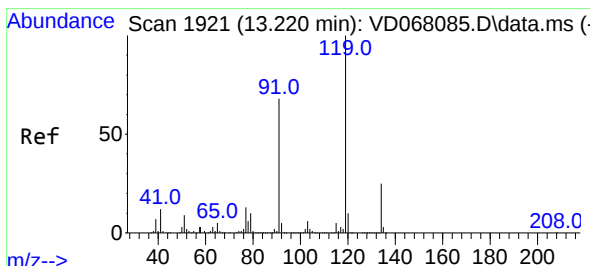
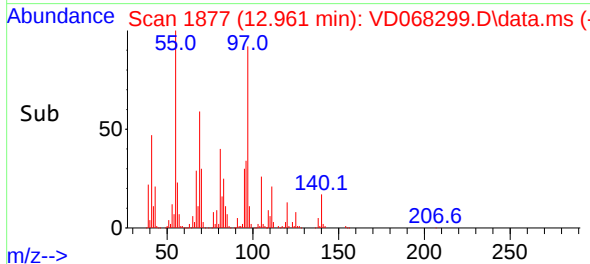
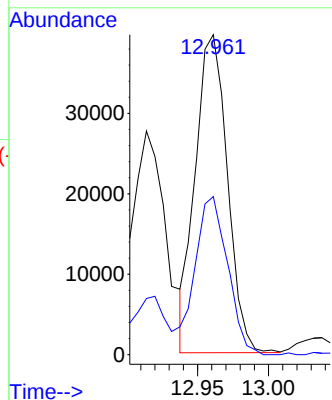
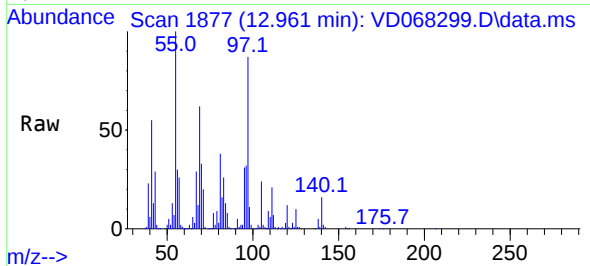




#80
1,3,5-Trimethylbenzene
Concen: 6.64 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

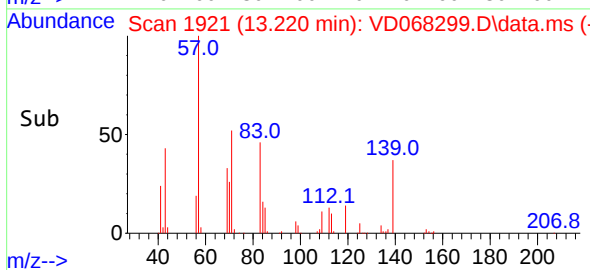
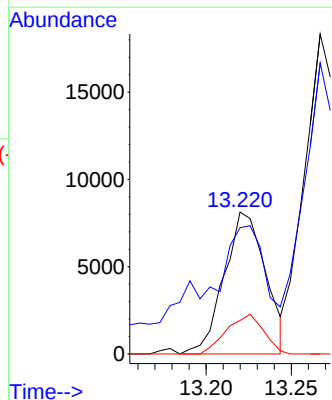
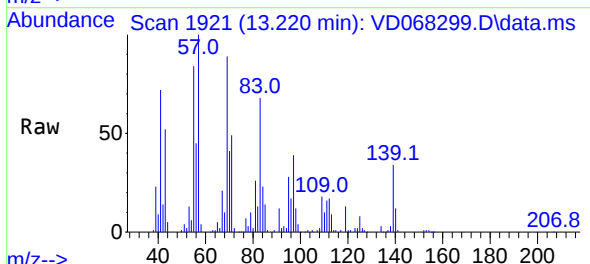
Instrument :
MSVOA_D
ClientSampled :
R-A

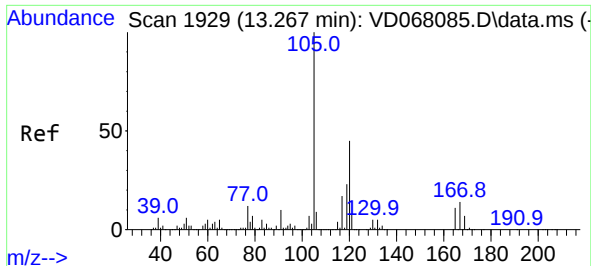
Tgt Ion:105 Resp: 61796
Ion Ratio Lower Upper
105 100
120 51.6 24.2 72.6



#83
tert-Butylbenzene
Concen: 1.75 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion:119 Resp: 13790
Ion Ratio Lower Upper
119 100
91 47.8 31.1 93.5
134 24.9 13.3 39.8

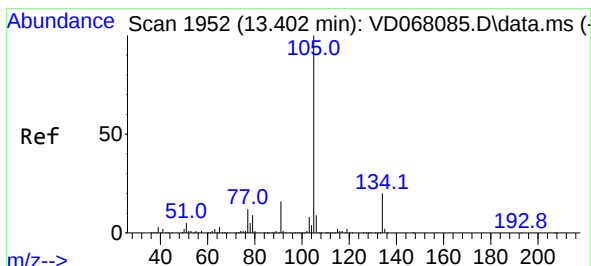
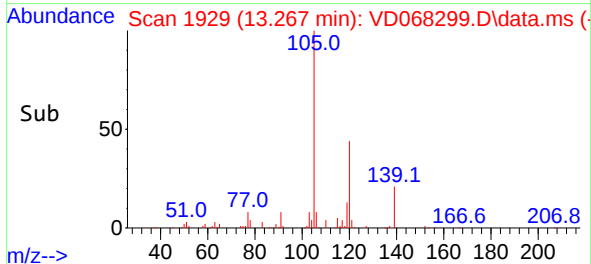
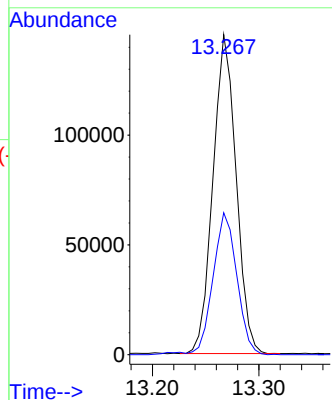
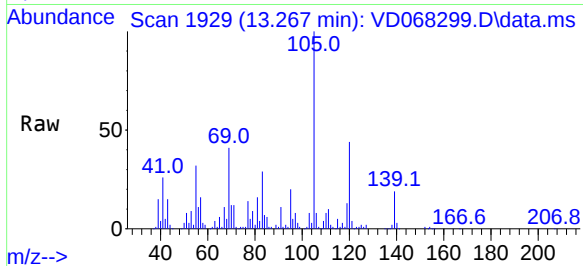




#84
1,2,4-Trimethylbenzene
Concen: 23.71 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

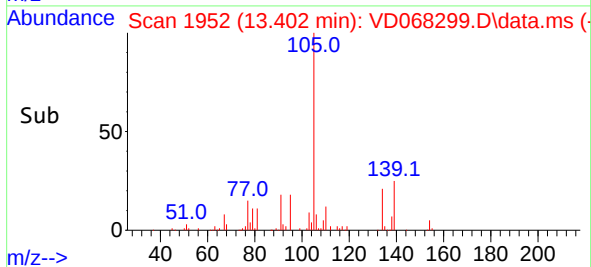
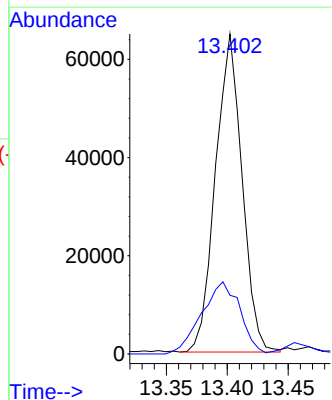
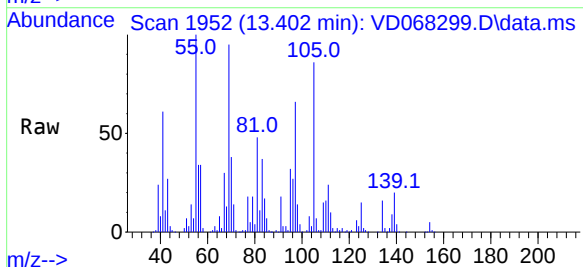
Instrument :
MSVOA_D
ClientSampled :
R-A

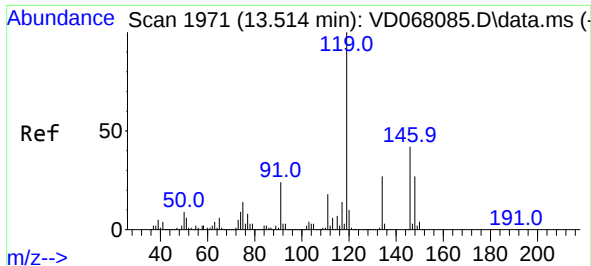
Tgt Ion:105 Resp: 219028
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.0



#85
sec-Butylbenzene
Concen: 8.93 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion:105 Resp: 98497
Ion Ratio Lower Upper
105 100
134 32.7 10.3 30.9#

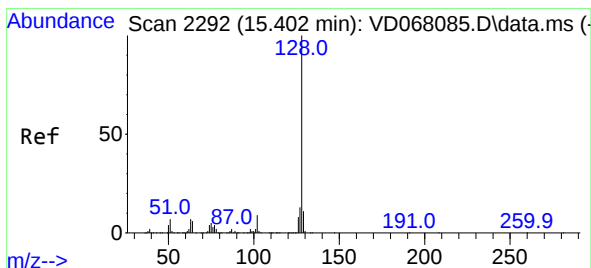
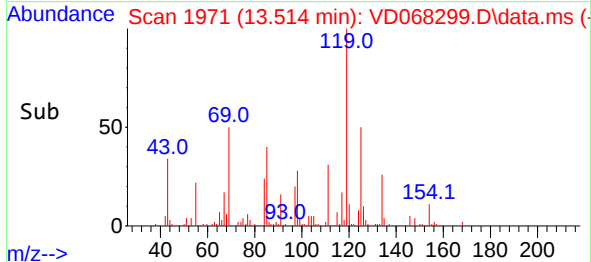
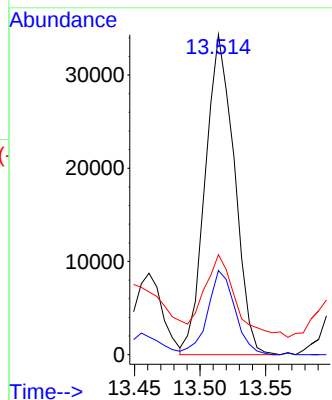
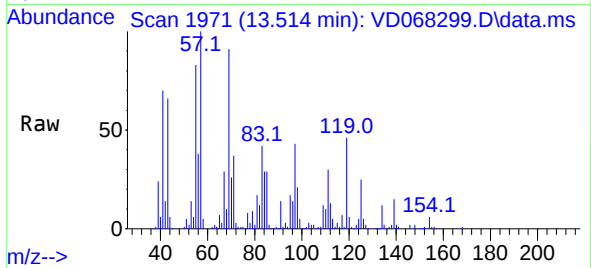




#86
p-Isopropyltoluene
Concen: 5.28 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Instrument :
MSVOA_D
ClientSampled :
R-A

Tgt Ion:119 Resp: 52940
Ion Ratio Lower Upper
119 100
134 24.7 12.9 38.7
91 27.5 11.7 35.0



#95
Naphthalene
Concen: 20.36 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068299.D
Acq: 05 Feb 2021 14:03

Tgt Ion:128 Resp: 103264
Ion Ratio Lower Upper
128 100
127 17.1 10.2 15.2#
129 11.8 8.8 13.2

