

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
 Data File : VD068347.D
 Acq On : 10 Feb 2021 15:28
 Operator : VA/SY
 Sample : M1363-02
 Misc : 2.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VCP-SS-8-SOIL

Quant Time: Feb 11 00:13:37 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)

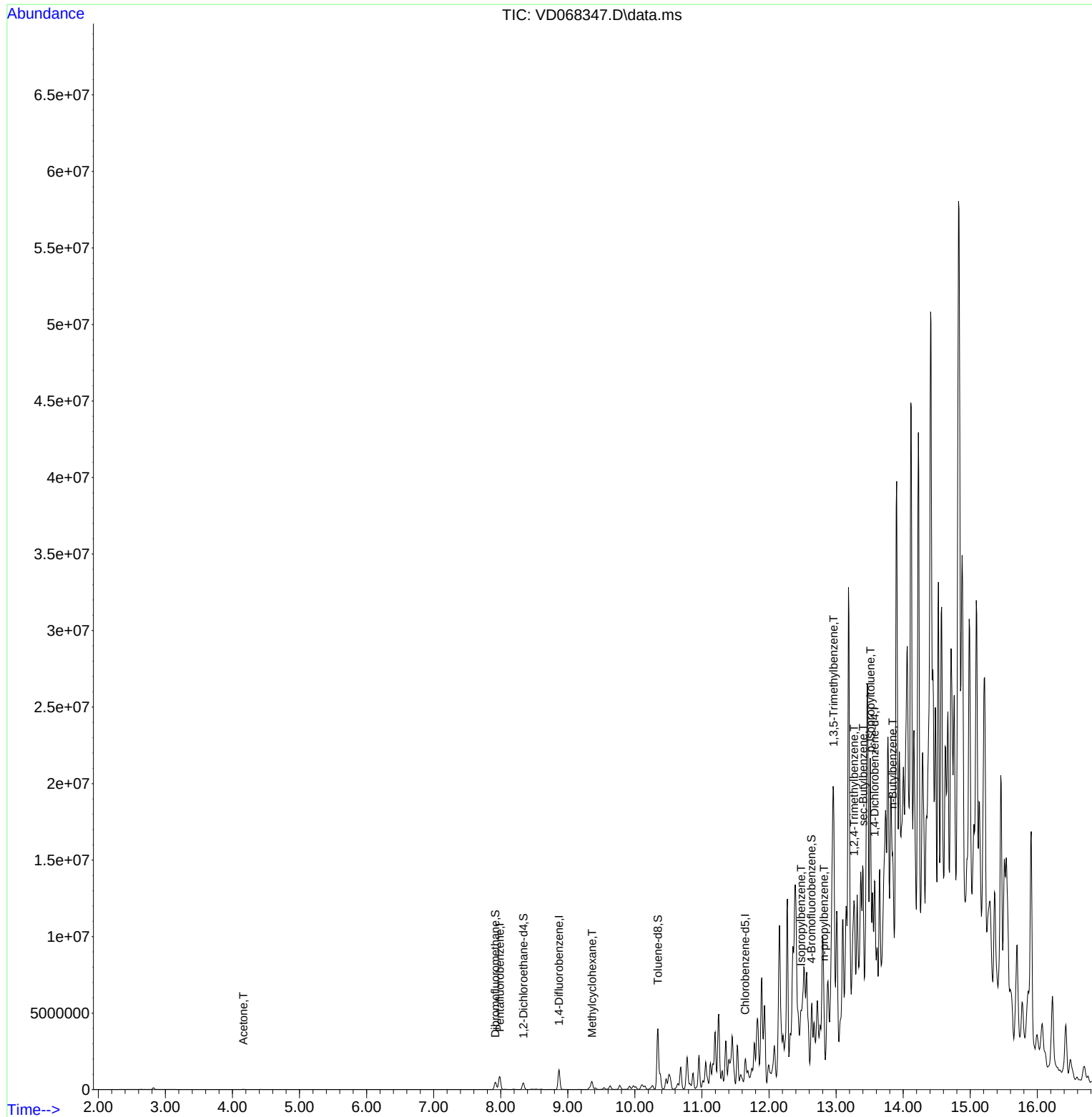
Internal Standards						
1) Pentafluorobenzene	7.985	168	652274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1172136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	1006351	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	508568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	349185	55.96	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.92%
35) Dibromofluoromethane	7.920	113	348648	53.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.60%
50) Toluene-d8	10.344	98	1542728	59.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.04%
62) 4-Bromofluorobenzene	12.632	95	616723	66.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.14%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	34197	30.69	ug/l	# 89
39) Methylcyclohexane	9.361	83	236809	15.32	ug/l	97
73) Isopropylbenzene	12.479	105	583120	13.78	ug/l	99
78) n-propylbenzene	12.820	91	1392077	27.80	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	1137084	32.26	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	3688659	105.44	ug/l	97
85) sec-Butylbenzene	13.402	105	3369459	80.66	ug/l	92
86) p-Isopropyltoluene	13.514	119	996621	26.23	ug/l	99
89) n-Butylbenzene	13.844	91	4002247	109.76	ug/l	# 71

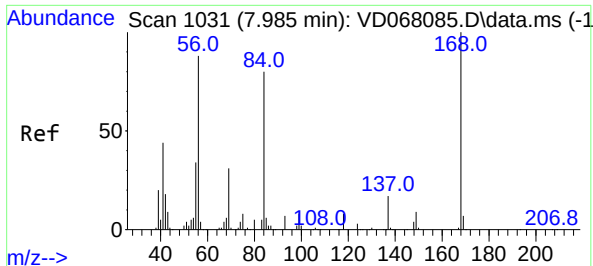
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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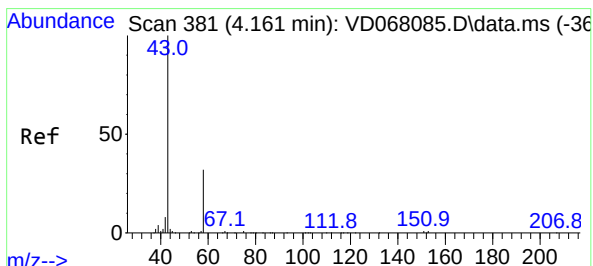
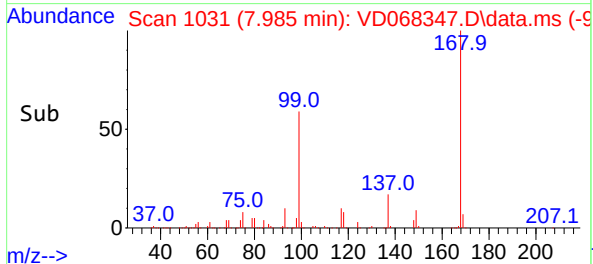
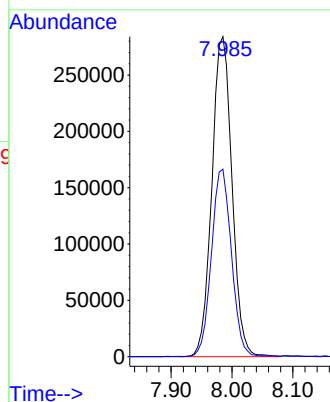
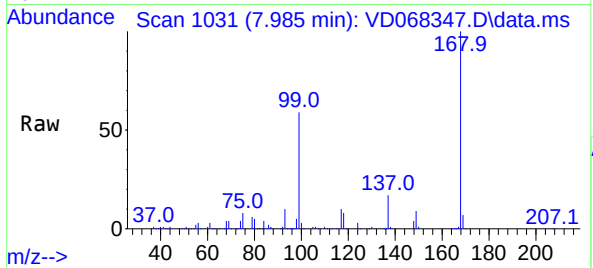




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

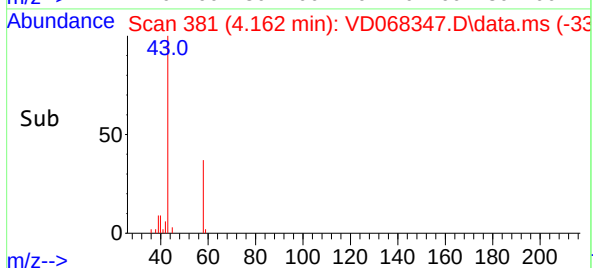
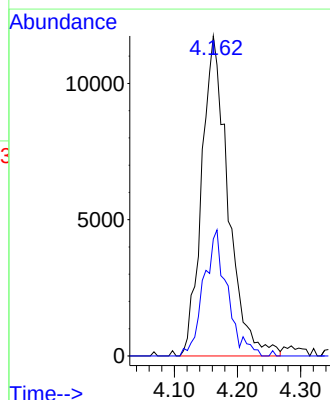
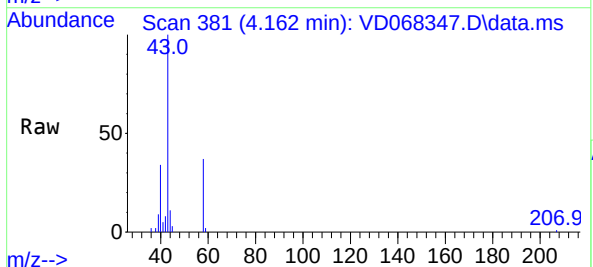
Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-8-SOIL

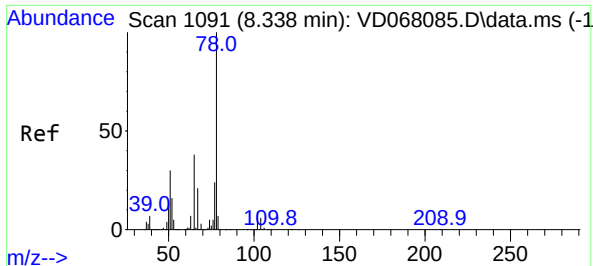
Tgt Ion:168 Resp: 652274
Ion Ratio Lower Upper
168 100
99 58.5 43.5 65.3



#16
Acetone
Concen: 30.69 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Tgt Ion: 43 Resp: 34197
Ion Ratio Lower Upper
43 100
58 36.5 24.2 36.4#

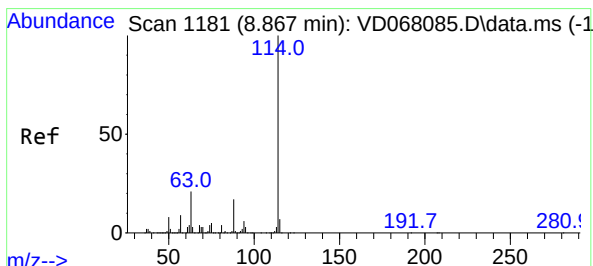
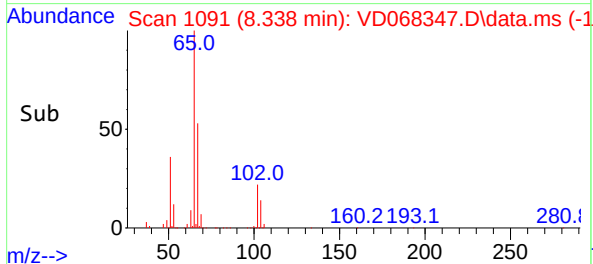
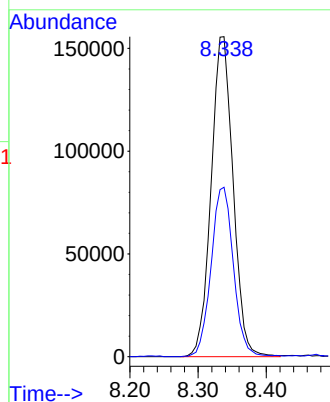
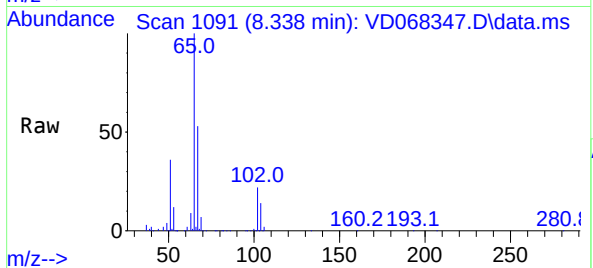




#33
1,2-Dichloroethane-d4
Concen: 55.96 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

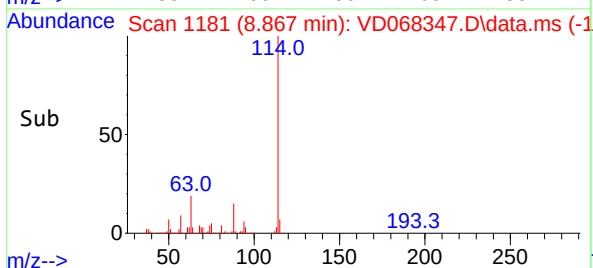
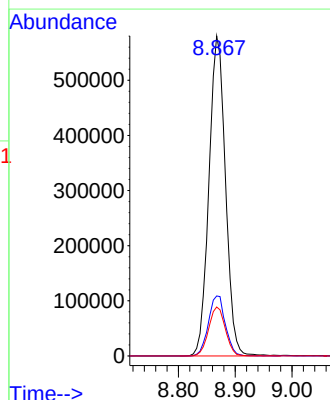
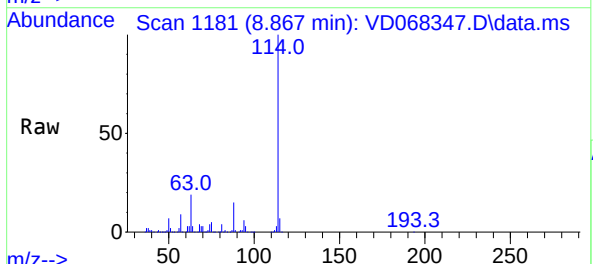
Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-8-SOIL

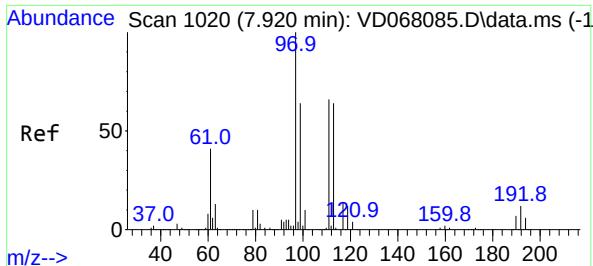
Tgt Ion: 65 Resp: 349185
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Tgt Ion:114 Resp: 1172136
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.8
88 15.3 0.0 31.6

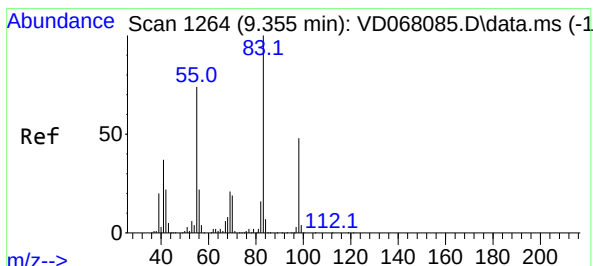
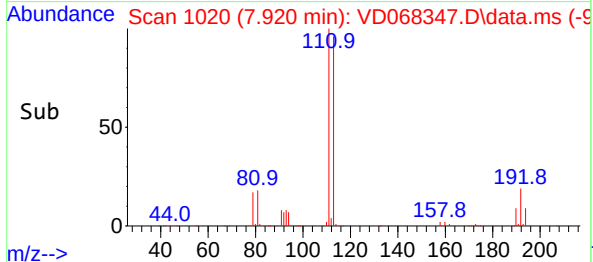
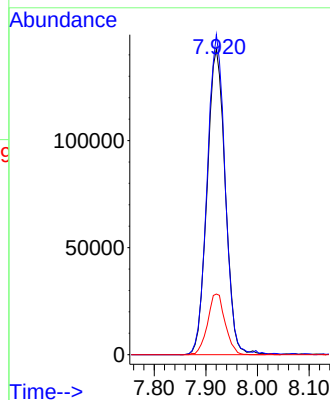
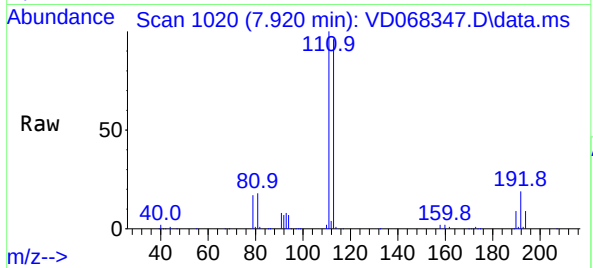




#35
Dibromofluoromethane
Concen: 53.80 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

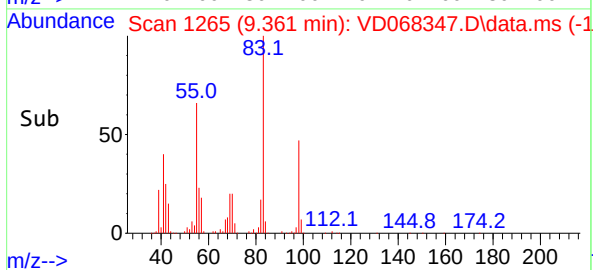
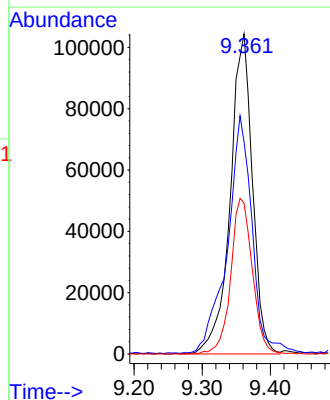
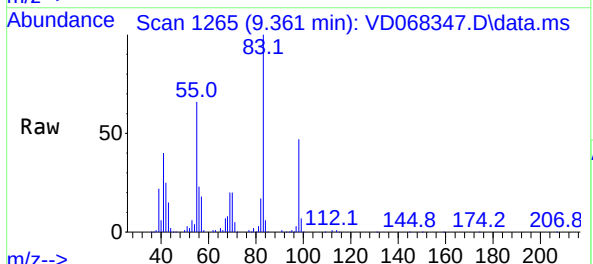
Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-8-SOIL

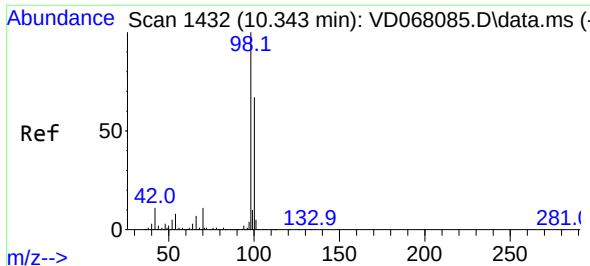
Tgt Ion:113 Resp: 348648
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 19.2 16.1 24.1



#39
Methylcyclohexane
Concen: 15.32 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Tgt Ion: 83 Resp: 236809
Ion Ratio Lower Upper
83 100
55 66.1 55.2 82.8
98 47.1 39.1 58.7

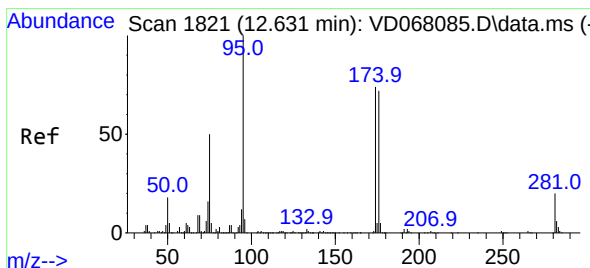
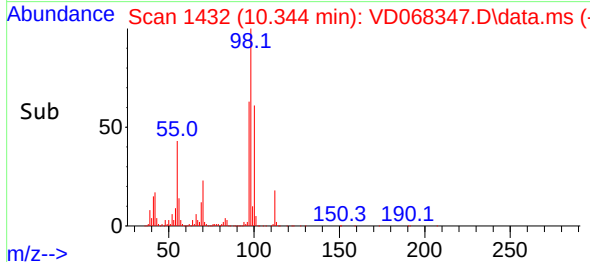
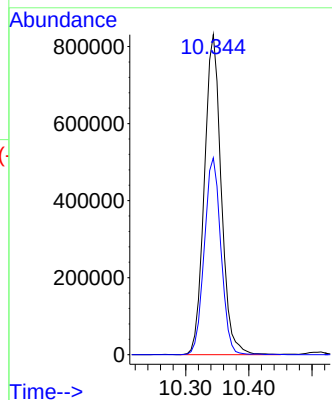
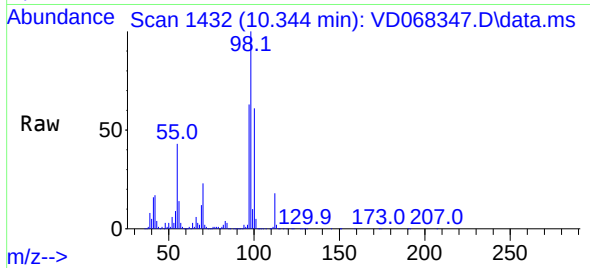




#50
Toluene-d8
Concen: 59.52 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

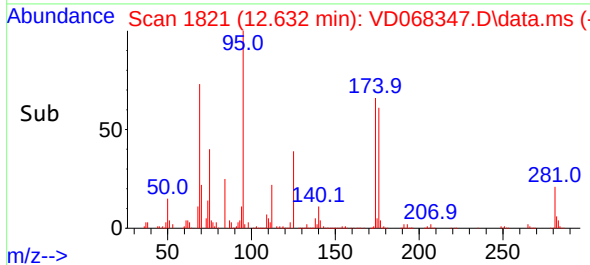
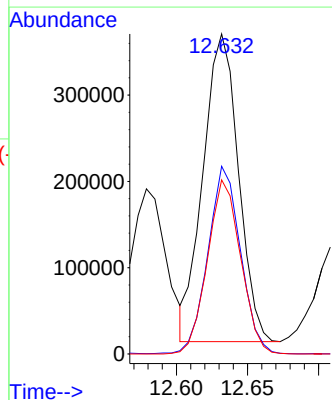
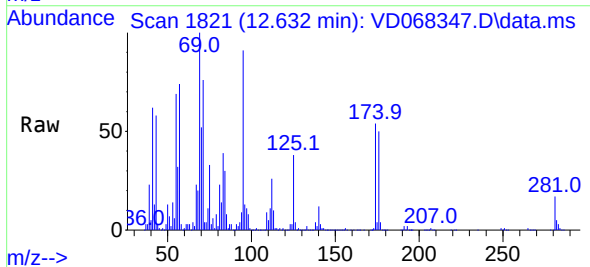
Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-8-SOIL

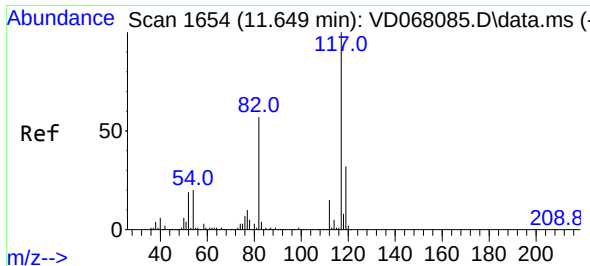
Tgt Ion: 98 Resp: 1542728
Ion Ratio Lower Upper
98 100
100 60.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 66.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

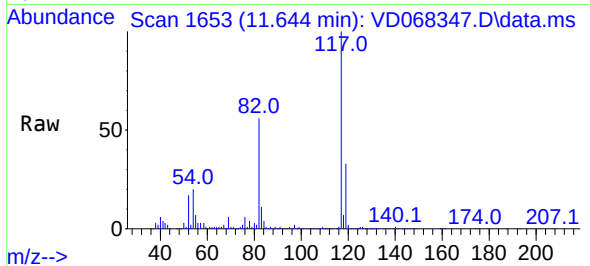
Tgt Ion: 95 Resp: 616723
Ion Ratio Lower Upper
95 100
174 56.3 0.0 172.4
176 53.1 0.0 168.4



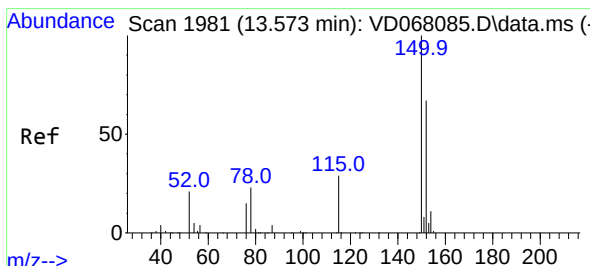
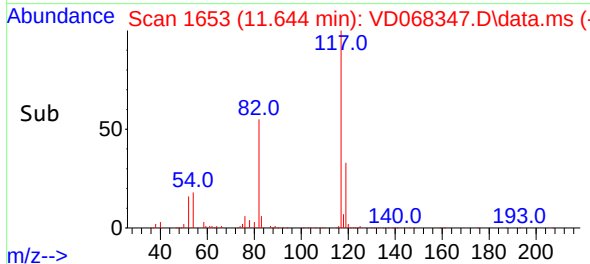
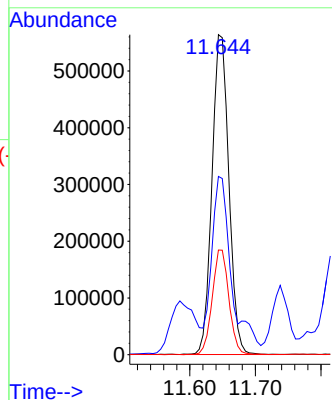


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-8-SOIL

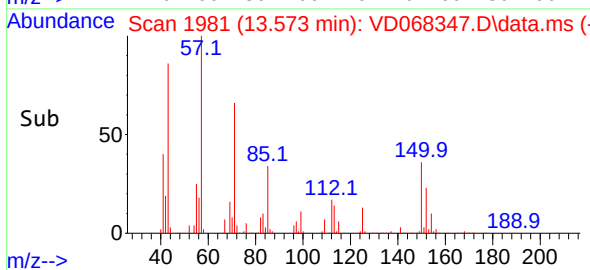
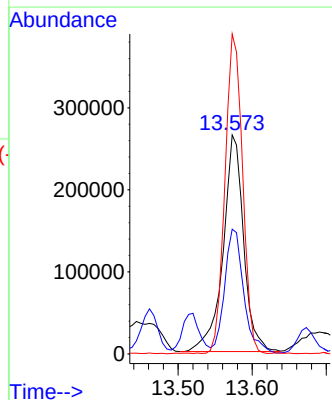
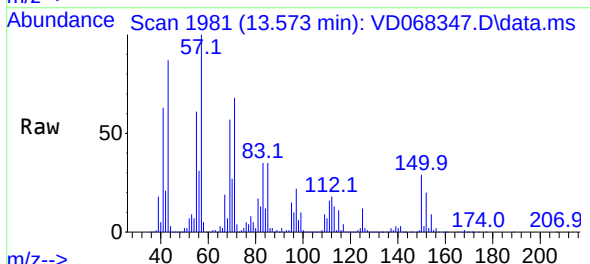


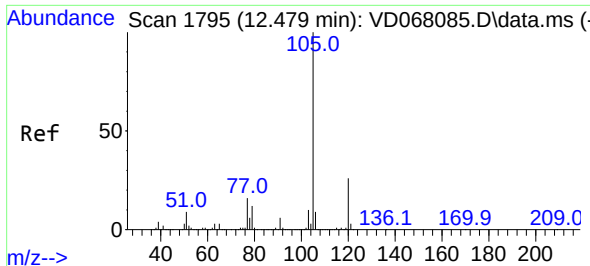
Tgt Ion:117 Resp: 1006351
Ion Ratio Lower Upper
117 100
82 38.9 41.4 62.0#
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Tgt Ion:152 Resp: 508568
Ion Ratio Lower Upper
152 100
115 53.1 28.9 86.8
150 126.1 0.0 344.4

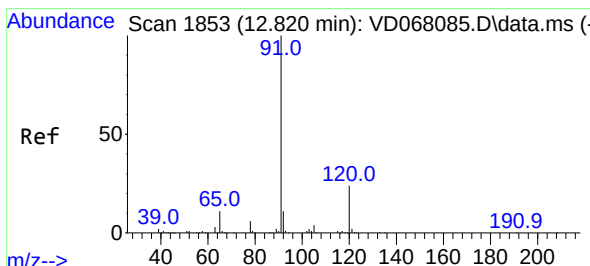
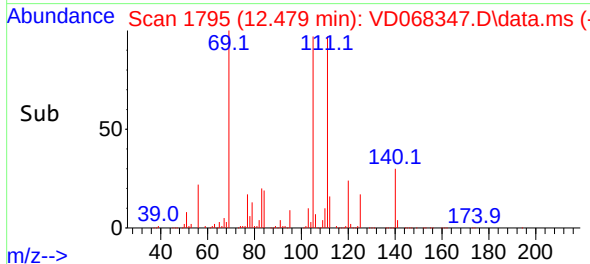
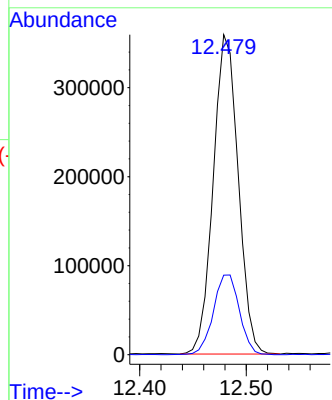
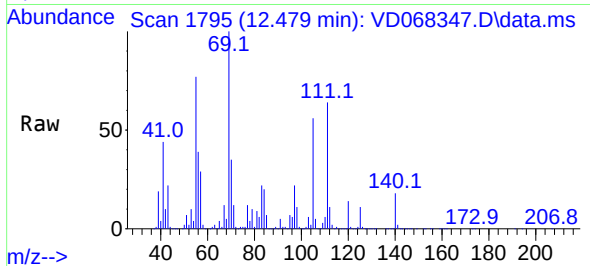




#73
Isopropylbenzene
Concen: 13.78 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

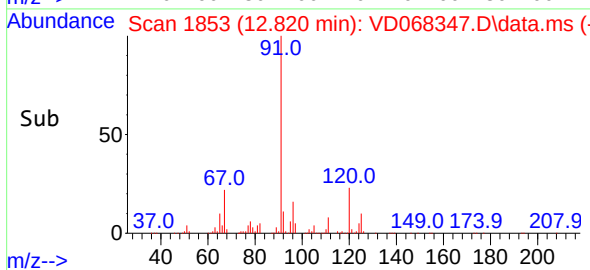
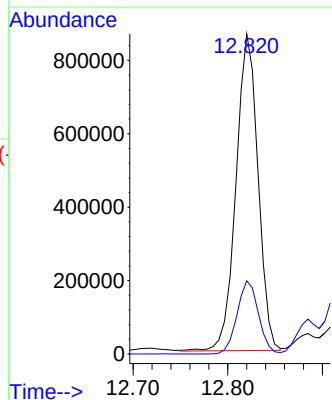
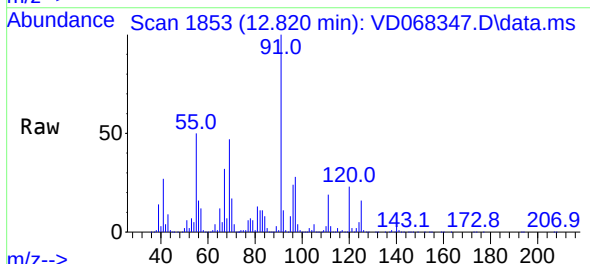
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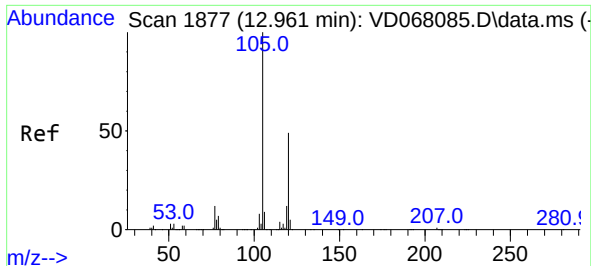
Tgt Ion:105 Resp: 583120
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



#78
n-propylbenzene
Concen: 27.80 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Tgt Ion: 91 Resp: 1392077
Ion Ratio Lower Upper
91 100
120 22.4 12.0 36.0

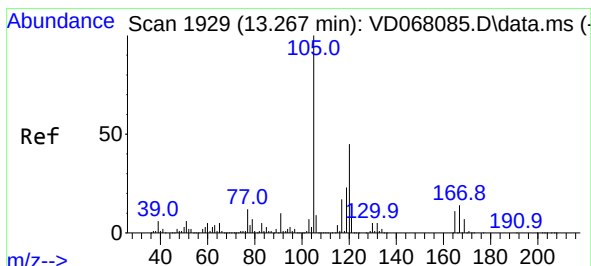
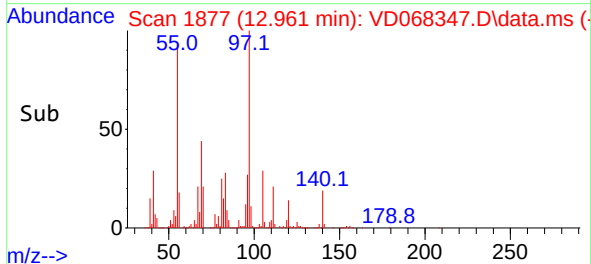
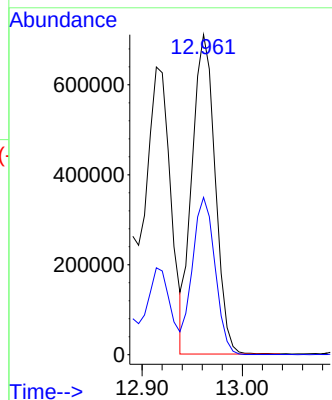
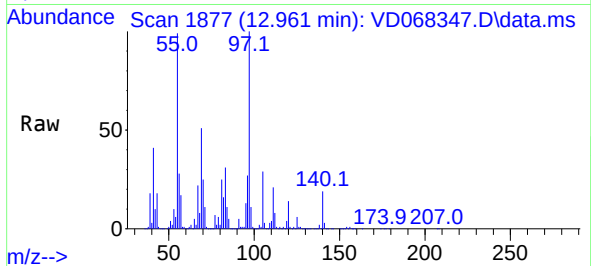




#80
1,3,5-Trimethylbenzene
Concen: 32.26 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

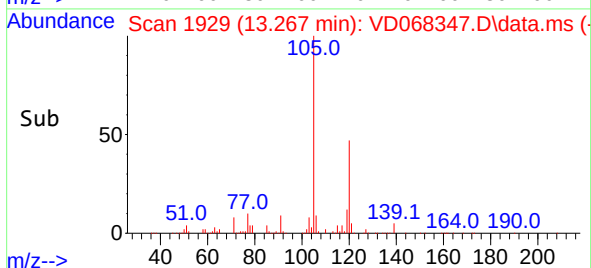
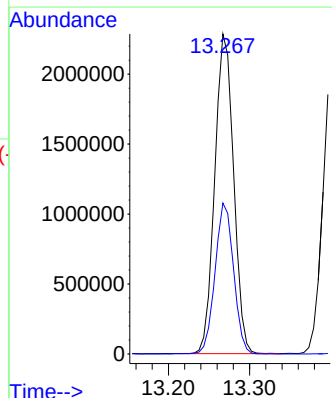
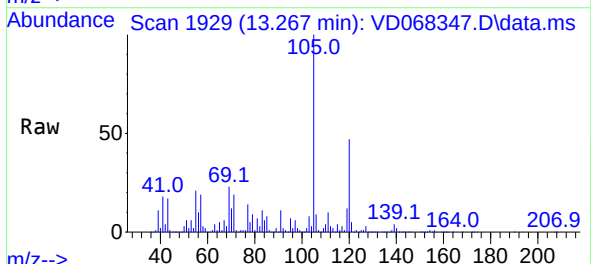
Instrument :
MSVOA_D
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VCP-SS-8-SOIL

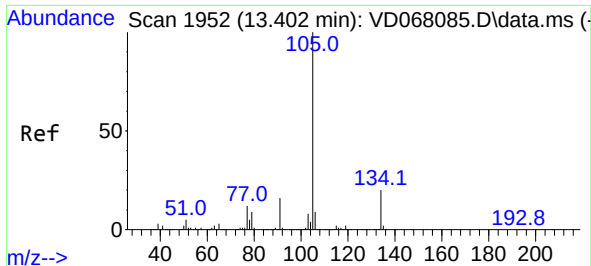
Tgt Ion:105 Resp: 1137084
Ion Ratio Lower Upper
105 100
120 48.3 24.2 72.6



#84
1,2,4-Trimethylbenzene
Concen: 105.44 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Tgt Ion:105 Resp: 3688659
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.0

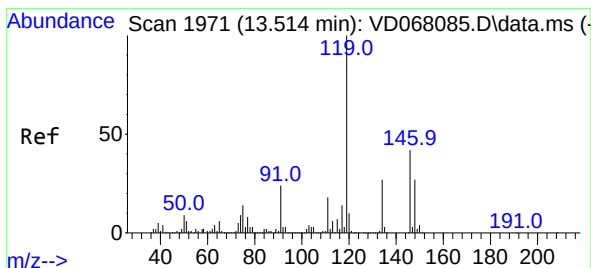
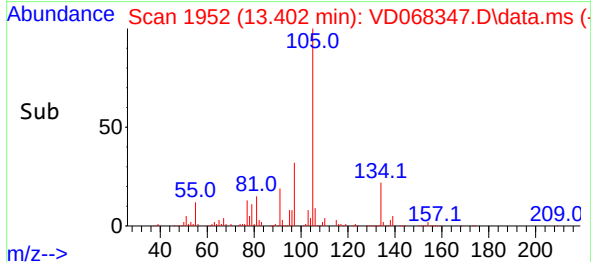
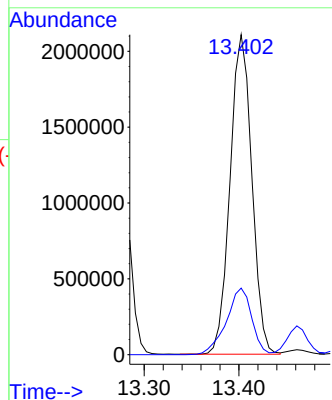
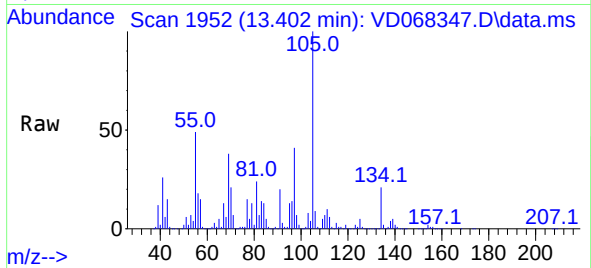




#85
sec-Butylbenzene
Concen: 80.66 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

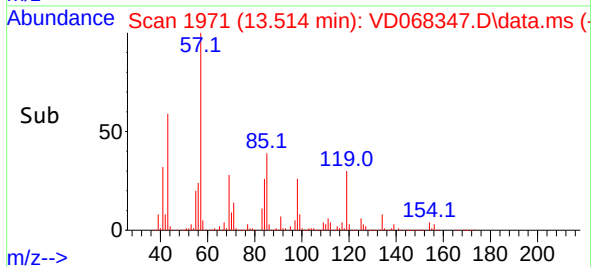
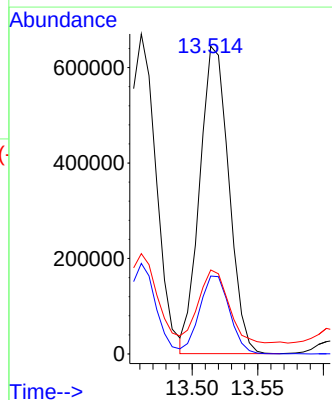
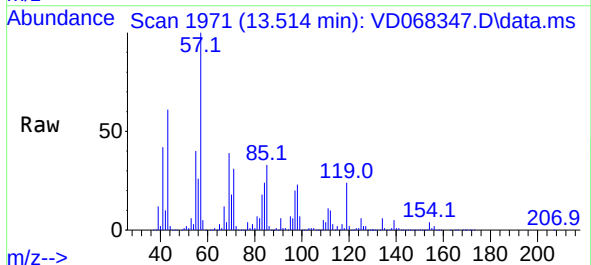
Instrument :
MSVOA_D
ClientSampled :
VCP-SS-8-SOIL

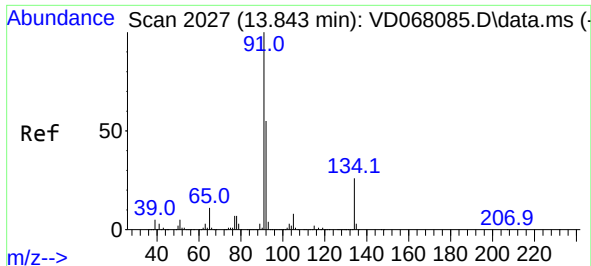
Tgt Ion:105 Resp: 3369459
Ion Ratio Lower Upper
105 100
134 24.3 10.3 30.9



#86
p-Isopropyltoluene
Concen: 26.23 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Tgt Ion:119 Resp: 996621
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.7
91 23.7 11.7 35.0





#89
n-Butylbenzene
Concen: 109.76 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068347.D
Acq: 10 Feb 2021 15:28

Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-8-SOIL

Tgt Ion: 91 Resp: 4002247
Ion Ratio Lower Upper
91 100
92 42.8 27.2 81.6
134 0.0 13.9 41.7#

