

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068017.D
 Acq On : 06 Jan 2021 16:49
 Operator : VA/SY
 Sample : M1023-01
 Misc : 6.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-010621

Quant Time: Jan 07 00:11:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

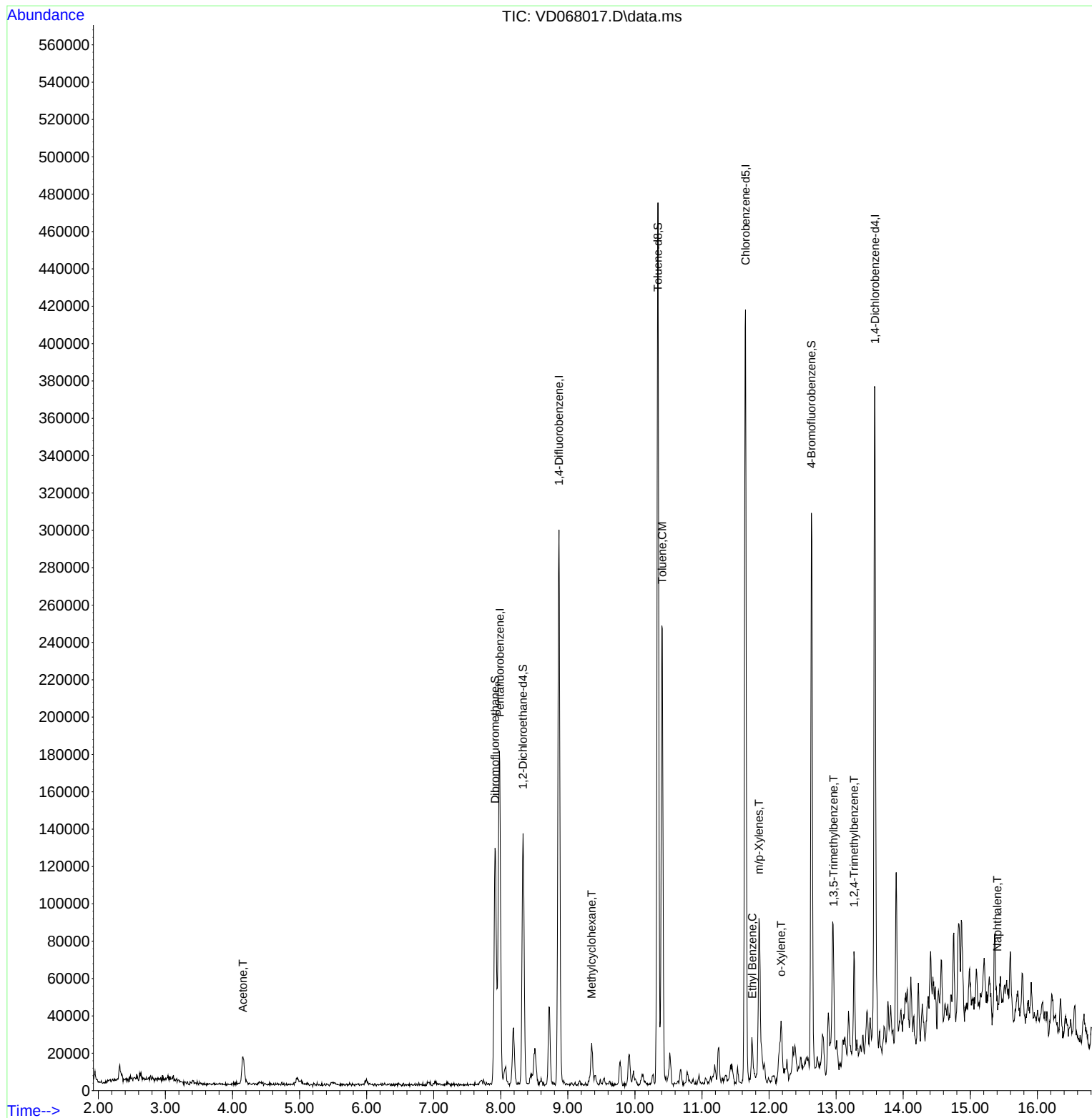
Internal Standards						
1) Pentafluorobenzene	7.985	168	117965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	249375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	237066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	92884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	104896	82.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.70%#
35) Dibromofluoromethane	7.914	113	92870	59.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.20%
50) Toluene-d8	10.344	98	306305	51.86	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.72%
62) 4-Bromofluorobenzene	12.632	95	104087	51.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.04%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	26410	108.59	ug/l	99
39) Methylcyclohexane	9.355	83	6871	2.26	ug/l #	70
52) Toluene	10.408	92	106927	22.53	ug/l	99
67) Ethyl Benzene	11.749	91	14831	1.63	ug/l	93
68) m/p-Xylenes	11.849	106	20746	5.97	ug/l	100
69) o-Xylene	12.179	106	7314	2.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	11767	2.06	ug/l	88
84) 1,2,4-Trimethylbenzene	13.267	105	28673	4.99	ug/l	98
95) Naphthalene	15.402	128	7180	2.59	ug/l #	74

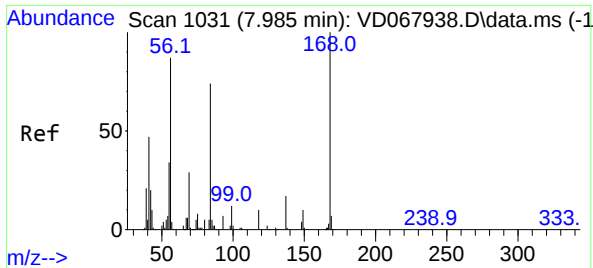
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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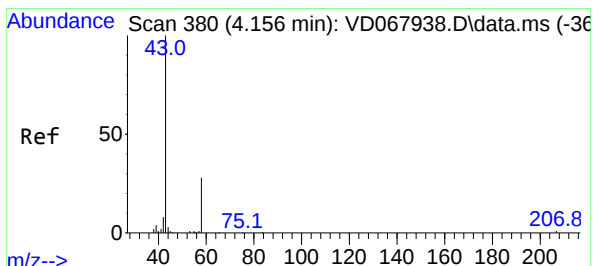
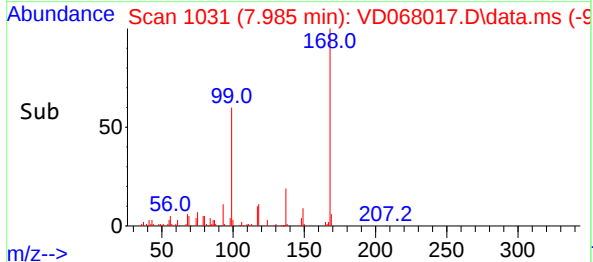
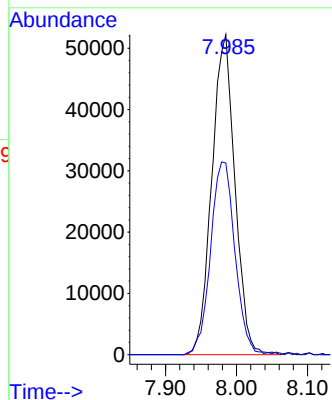
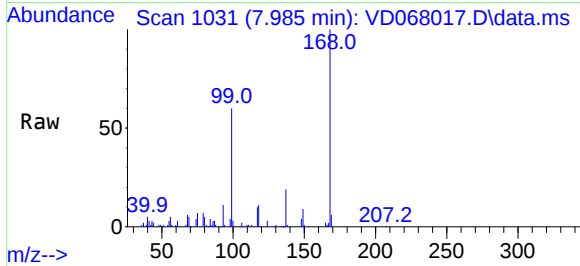




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

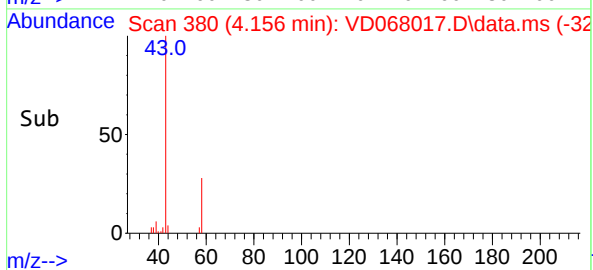
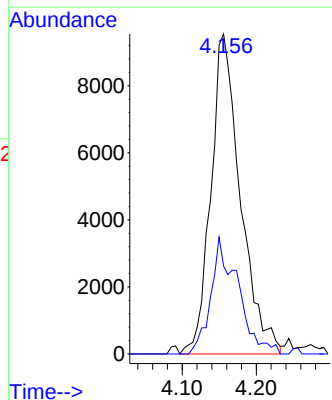
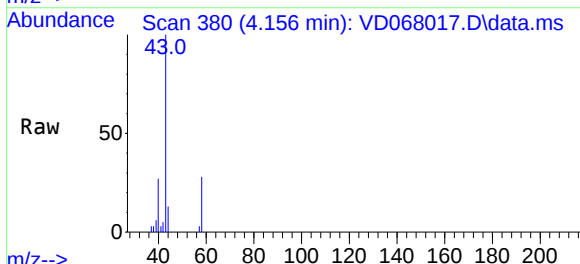
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MSVOA_D
ClientSampleId :
SU-04-010621

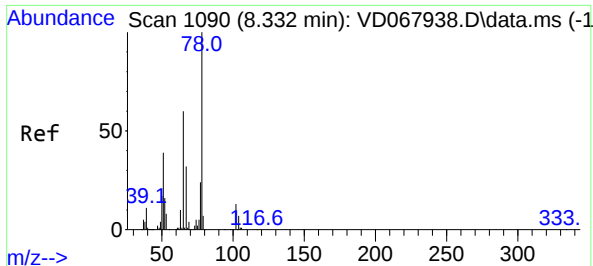
Tgt Ion:168 Resp: 117965
Ion Ratio Lower Upper
168 100
99 59.9 48.0 72.0



#16
Acetone
Concen: 108.59 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Tgt Ion: 43 Resp: 26410
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5

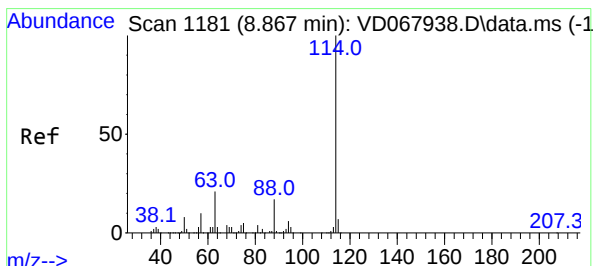
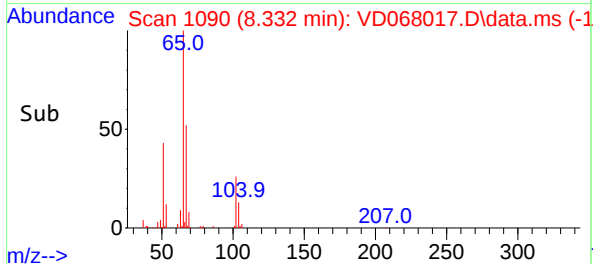
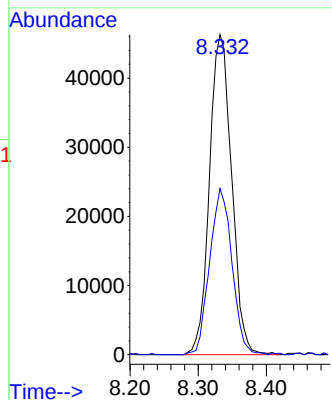
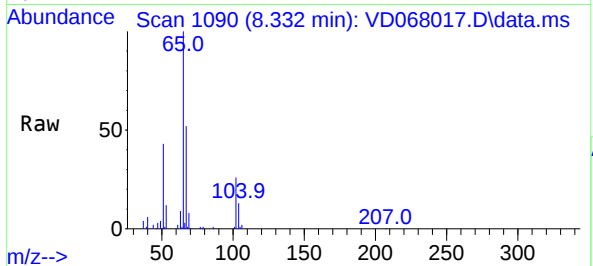




#33
1,2-Dichloroethane-d4
Concen: 82.35 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

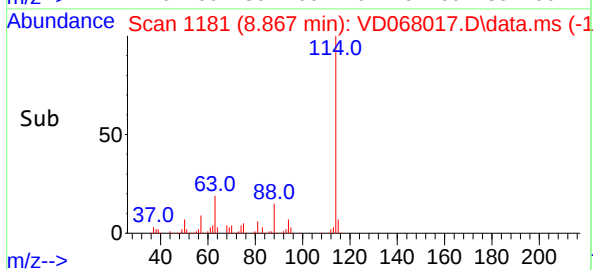
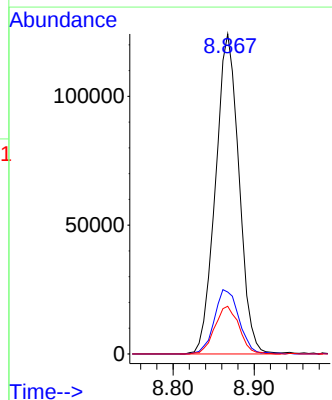
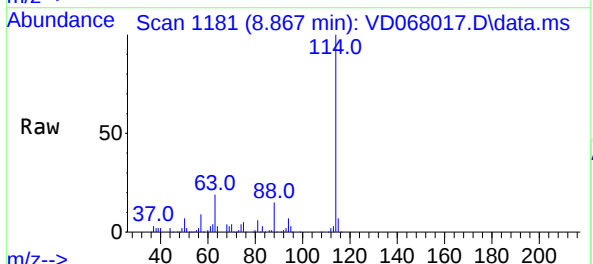
Instrument :
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ClientSampleId :
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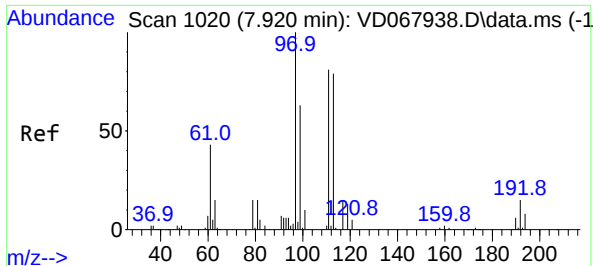
Tgt Ion: 65 Resp: 104896
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Tgt Ion: 114 Resp: 249375
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.4
88 14.9 0.0 33.2



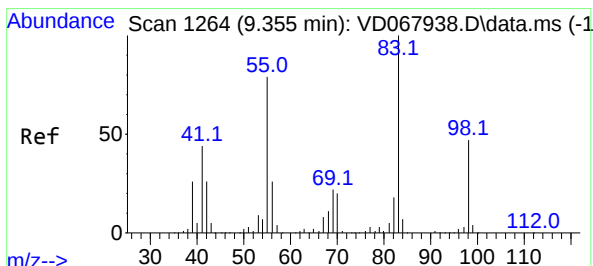
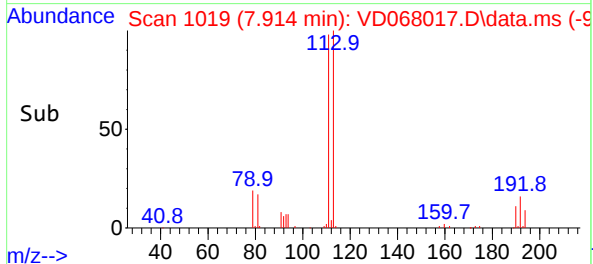
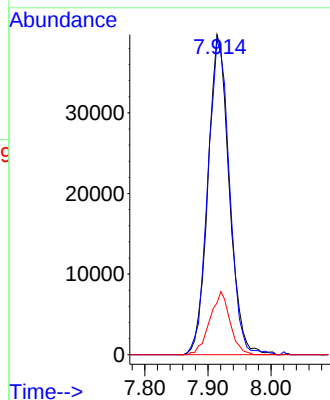
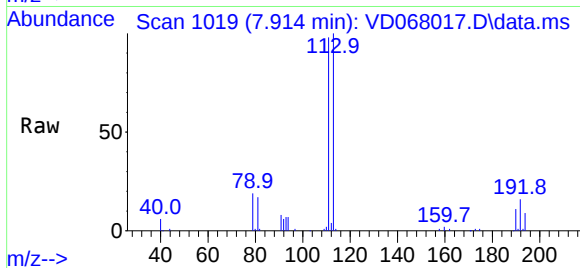


#35

Dibromofluoromethane
Concen: 59.10 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Instrument :
MSVOA_D
ClientSampleId :
SU-04-010621

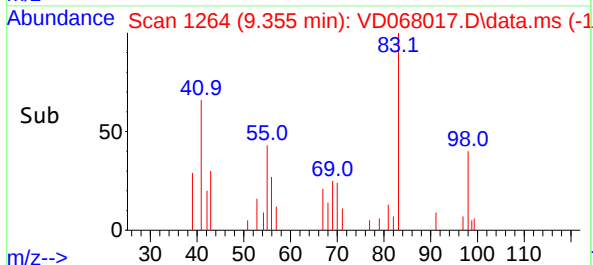
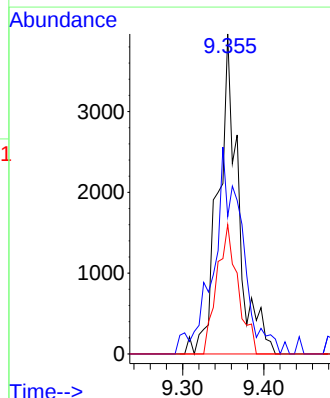
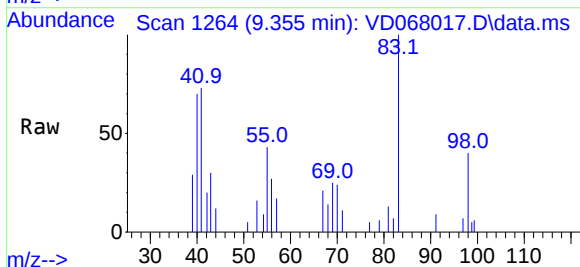
Tgt Ion:113 Resp: 92870
Ion Ratio Lower Upper
113 100
111 100.4 79.3 118.9
192 18.7 14.5 21.7

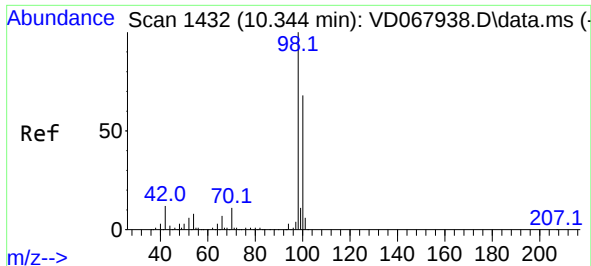


#39

Methylcyclohexane
Concen: 2.26 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Tgt Ion: 83 Resp: 6871
Ion Ratio Lower Upper
83 100
55 43.0 63.5 95.3#
98 40.4 37.3 55.9

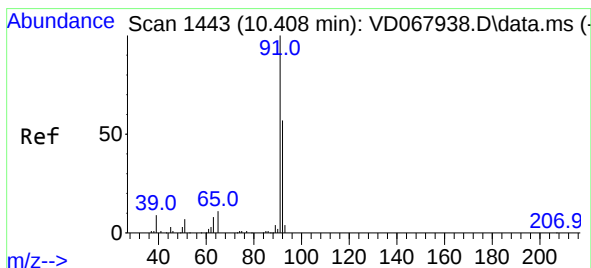
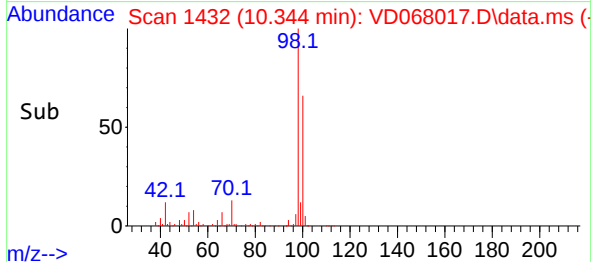
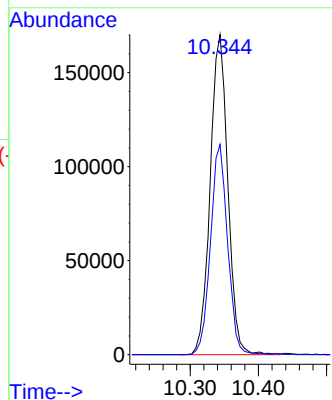
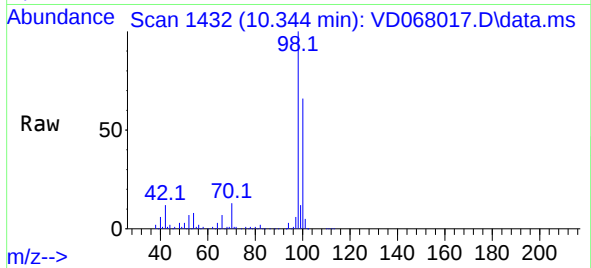




#50
Toluene-d8
Concen: 51.86 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

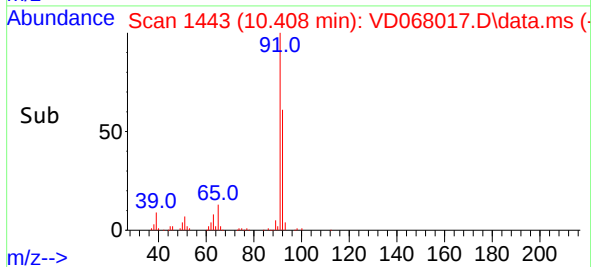
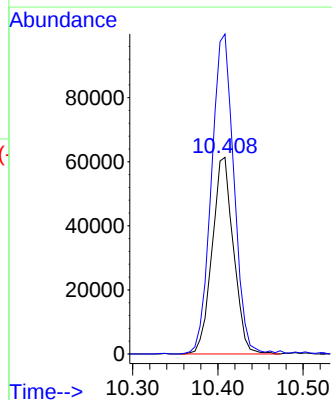
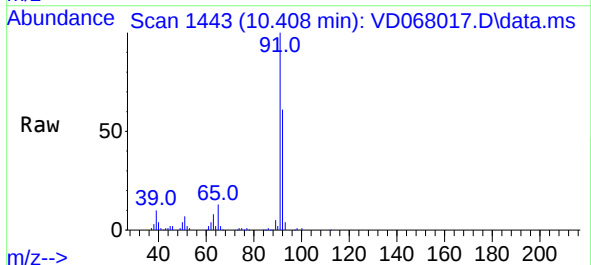
Instrument :
MSVOA_D
ClientSampleId :
SU-04-010621

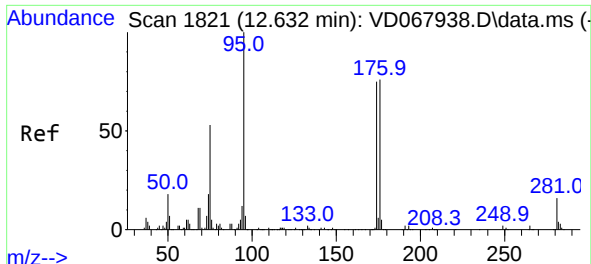
Tgt Ion: 98 Resp: 306305
Ion Ratio Lower Upper
98 100
100 63.7 52.5 78.7



#52
Toluene
Concen: 22.53 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Tgt Ion: 92 Resp: 106927
Ion Ratio Lower Upper
92 100
91 171.3 138.5 207.7

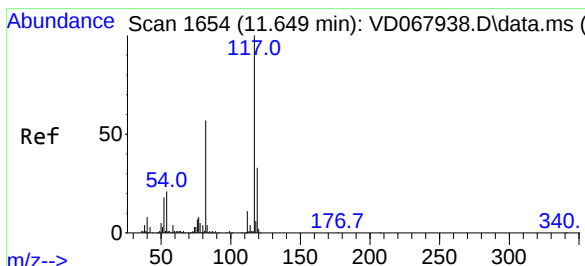
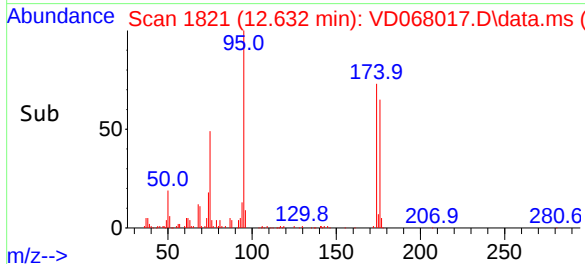
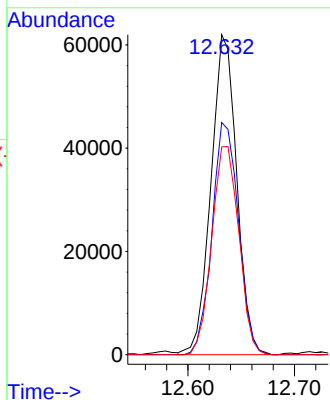
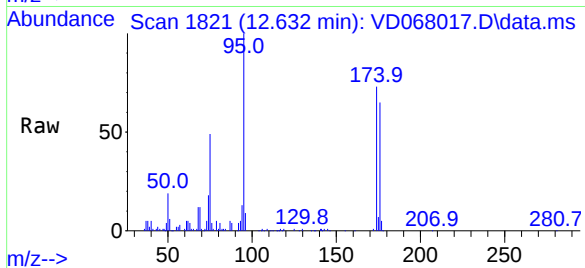




#62
4-Bromofluorobenzene
Concen: 51.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

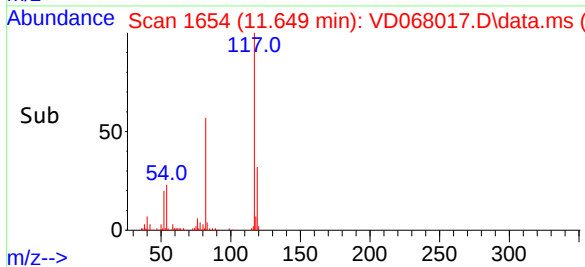
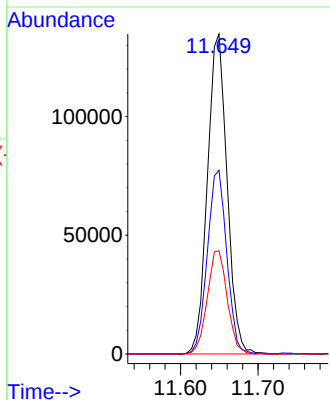
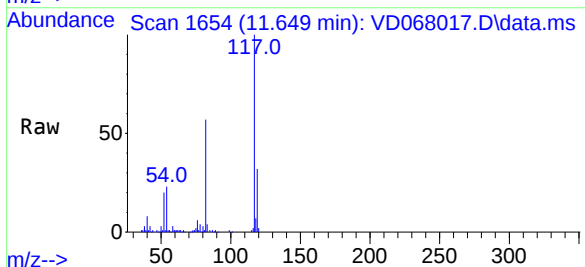
Instrument :
MSVOA_D
ClientSampleId :
SU-04-010621

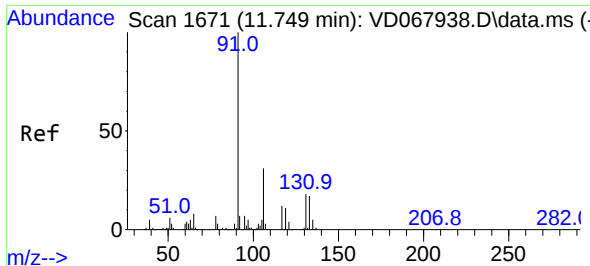
Tgt Ion: 95 Resp: 104087
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.6
176 68.4 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Tgt Ion: 117 Resp: 237066
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.0
119 32.3 26.7 40.1

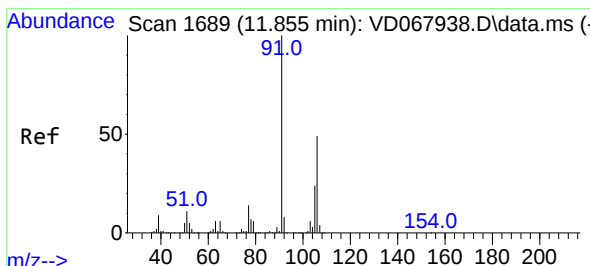
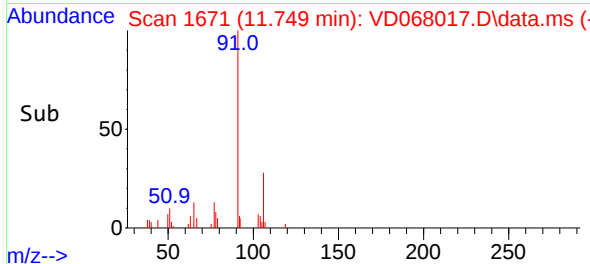
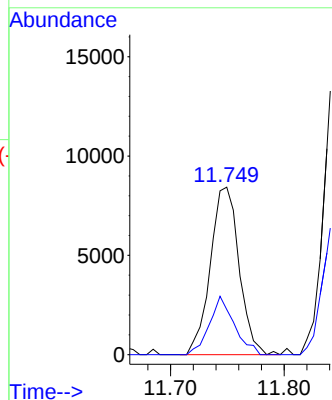
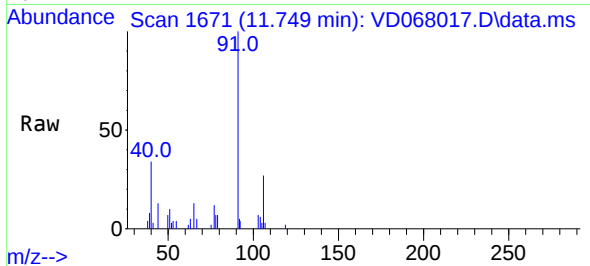




#67
Ethyl Benzene
Concen: 1.63 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

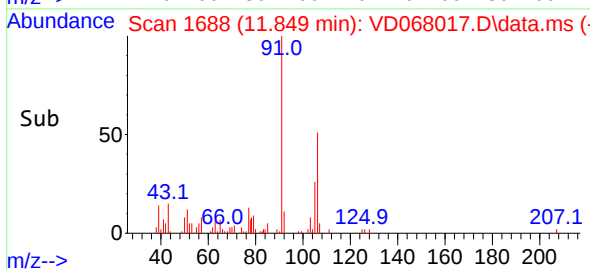
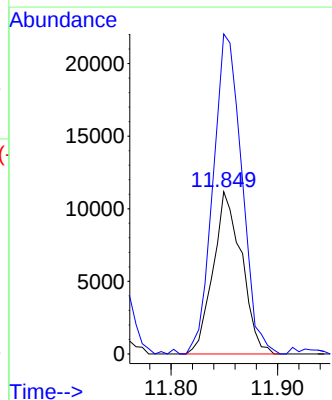
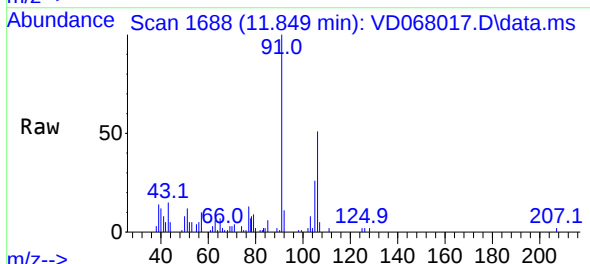
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MSVOA_D
ClientSampleId :
SU-04-010621

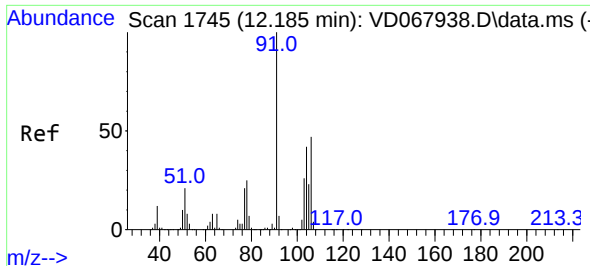
Tgt Ion: 91 Resp: 14831
Ion Ratio Lower Upper
91 100
106 27.0 24.6 37.0



#68
m/p-Xylenes
Concen: 5.97 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Tgt Ion: 106 Resp: 20746
Ion Ratio Lower Upper
106 100
91 199.7 159.9 239.9

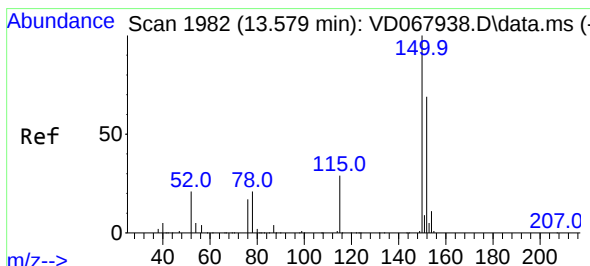
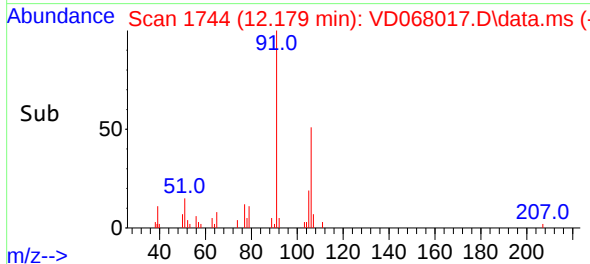
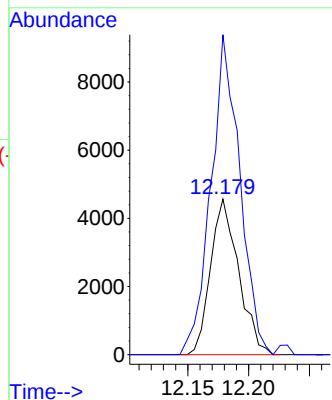
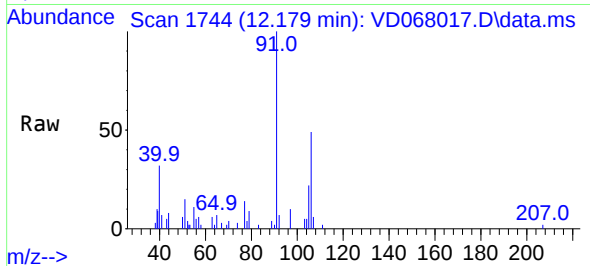




#69
o-Xylene
Concen: 2.35 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

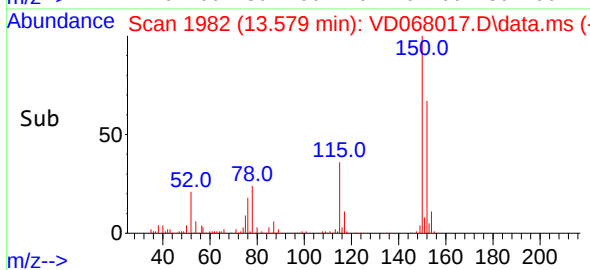
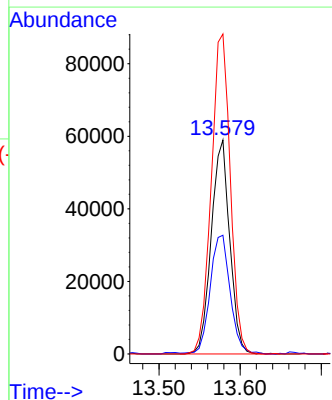
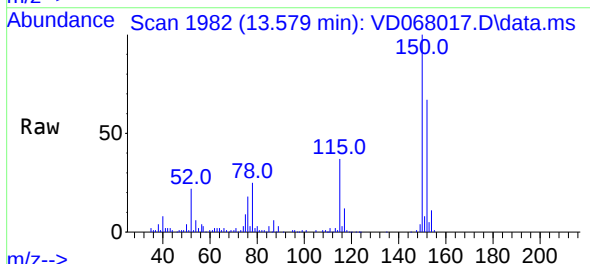
Instrument :
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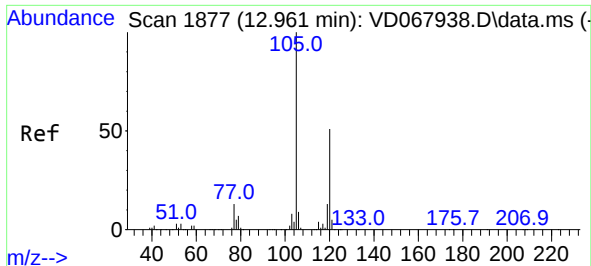
Tgt Ion:106 Resp: 7314
Ion Ratio Lower Upper
106 100
91 212.2 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Tgt Ion:152 Resp: 92884
Ion Ratio Lower Upper
152 100
115 60.4 29.3 88.0
150 154.3 0.0 340.0

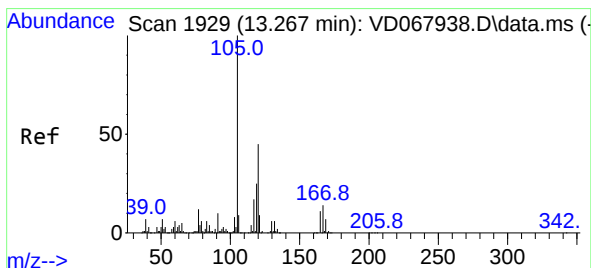
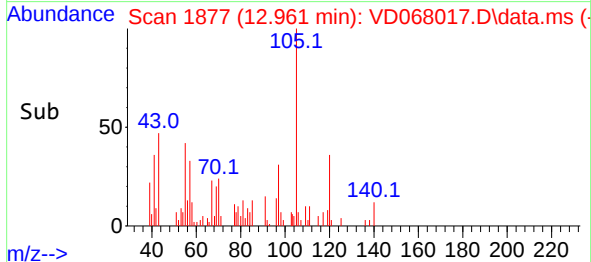
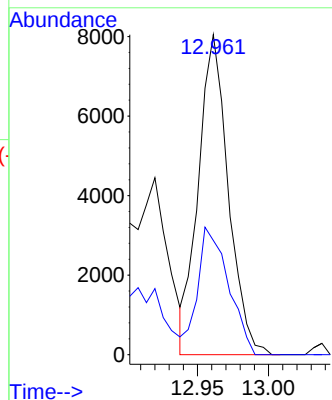
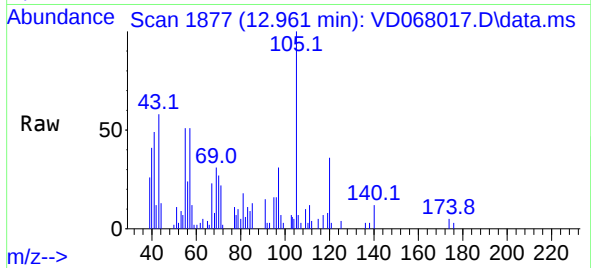




#80
1,3,5-Trimethylbenzene
Concen: 2.06 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

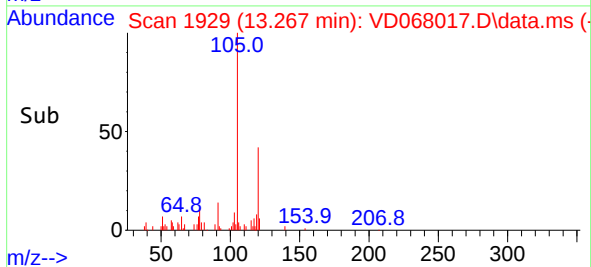
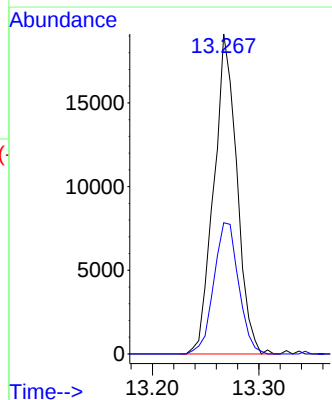
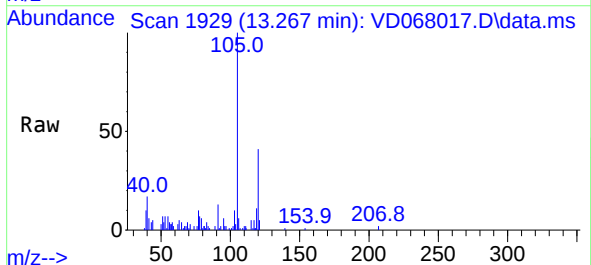
Instrument :
MSVOA_D
ClientSampleId :
SU-04-010621

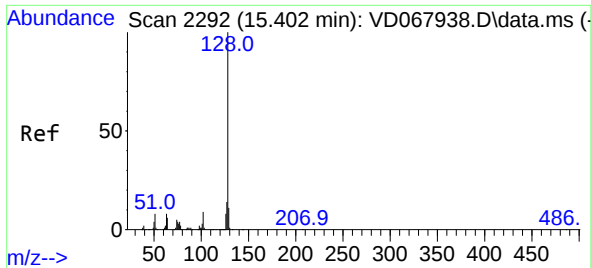
Tgt Ion:105 Resp: 11767
Ion Ratio Lower Upper
105 100
120 41.2 24.9 74.6



#84
1,2,4-Trimethylbenzene
Concen: 4.99 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Tgt Ion:105 Resp: 28673
Ion Ratio Lower Upper
105 100
120 44.3 22.7 68.0





#95
Naphthalene
Concen: 2.59 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068017.D
Acq: 06 Jan 2021 16:49

Instrument :
MSVOA_D
ClientSampleId :
SU-04-010621

Tgt Ion:128 Resp: 7180
Ion Ratio Lower Upper
128 100
127 20.9 11.2 16.8#
129 25.4 8.6 12.8#

