

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068591.D
 Acq On : 11 Mar 2021 18:02
 Operator : VA/SY
 Sample : M1642-02
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CSB-5-17-17.5

Quant Time: Mar 12 00:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

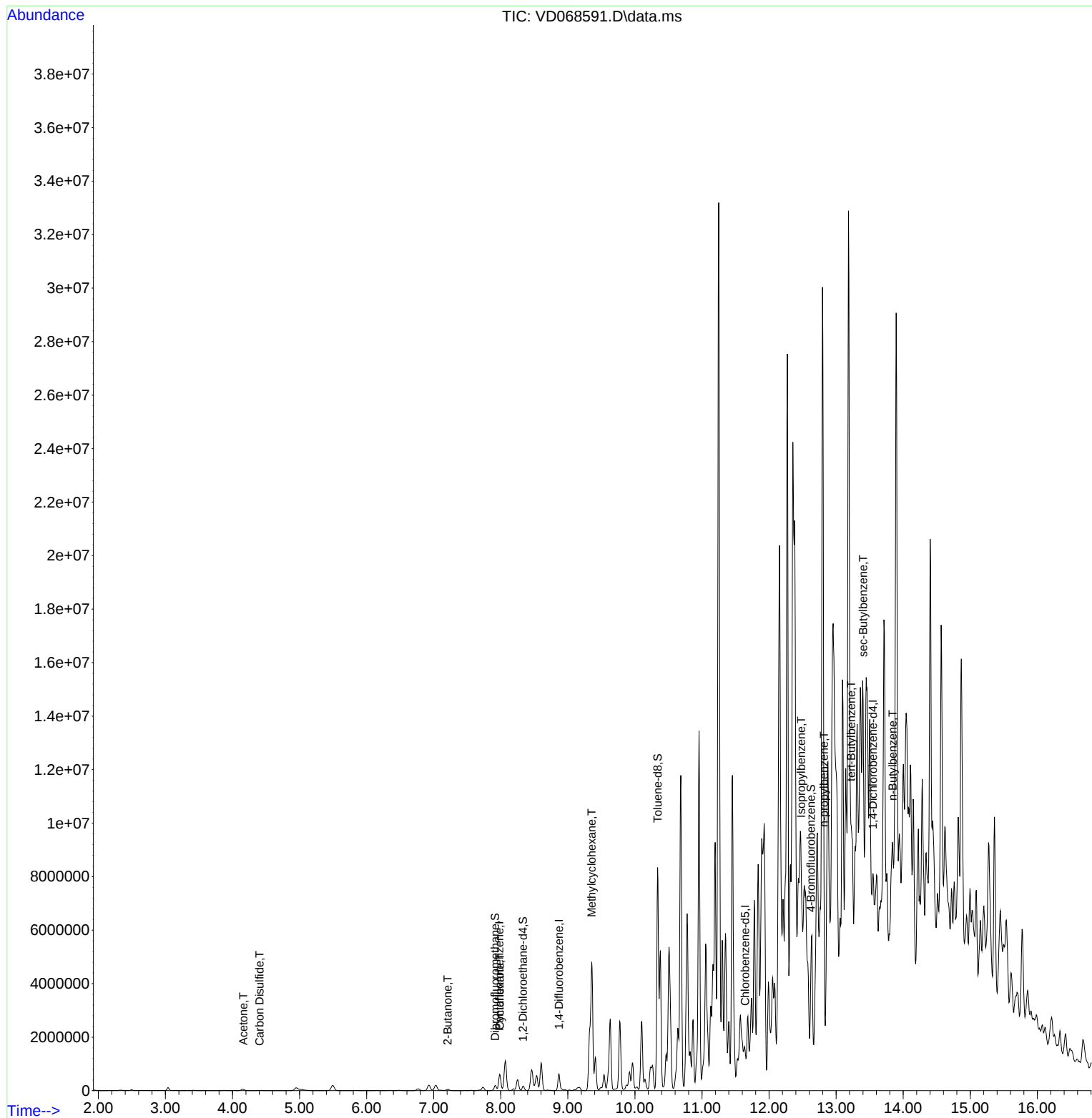
Internal Standards						
1) Pentafluorobenzene	7.979	168	227064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	426194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	233182	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	212466	50.00	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131092	57.78	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.56%			
35) Dibromofluoromethane	7.914	113	137656	53.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.24%			
50) Toluene-d8	10.338	98	906783	88.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 177.34%#			
62) 4-Bromofluorobenzene	12.626	95	540821	164.10	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 328.20%#			
Target Compounds						
						Qvalue
16) Acetone	4.162	43	58107	161.25	ug/l	98
17) Carbon Disulfide	4.403	76	12016	1.61	ug/l	99
25) 2-Butanone	7.208	43	31727	61.25	ug/l #	68
31) Cyclohexane	7.985	56	177451	43.01	ug/l	97
39) Methylcyclohexane	9.355	83	2171643	434.65	ug/l	97
73) Isopropylbenzene	12.479	105	824351	52.31	ug/l	99
78) n-propylbenzene	12.820	91	927514	49.26	ug/l	92
83) tert-Butylbenzene	13.226	119	186789	16.99	ug/l #	56
85) sec-Butylbenzene	13.402	105	3298905	212.37	ug/l	82
89) n-Butylbenzene	13.843	91	614618	45.19	ug/l #	70

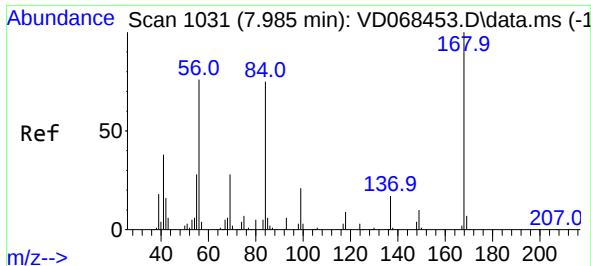
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

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MSVOA_D
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CSB-5-17-17.5

Quant Time: Mar 12 00:14:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
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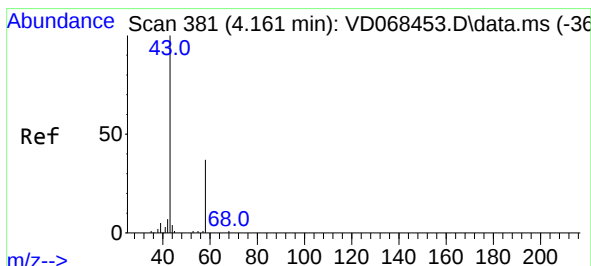
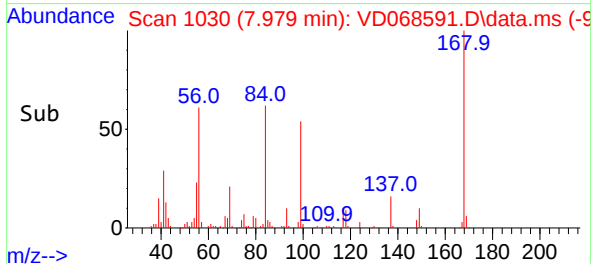
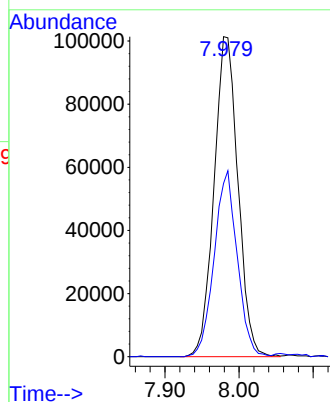
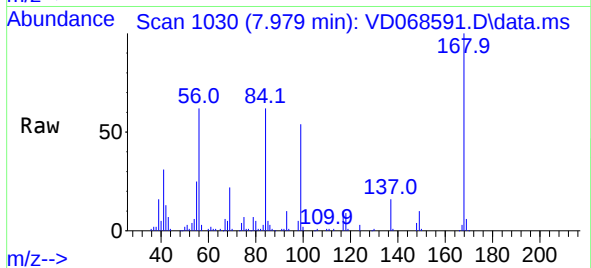




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

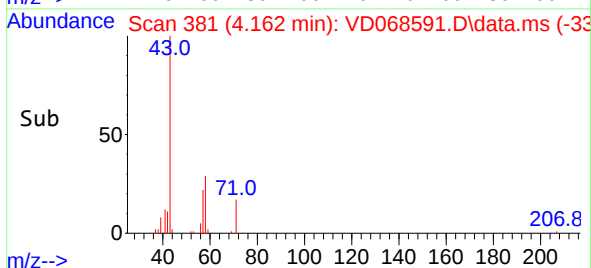
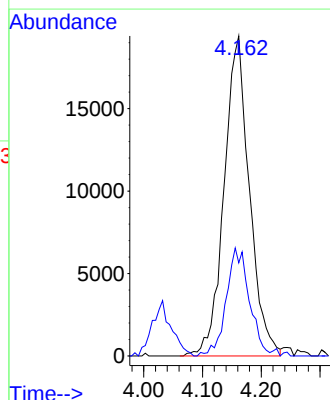
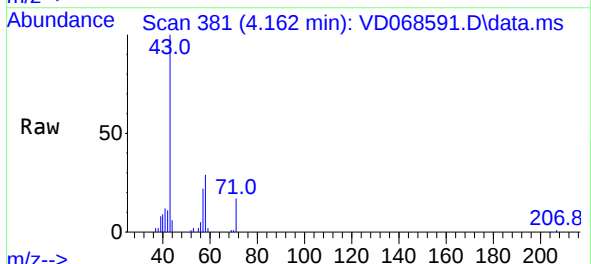
Instrument :
MSVOA_D
ClientSampleId :
CSB-5-17-17.5

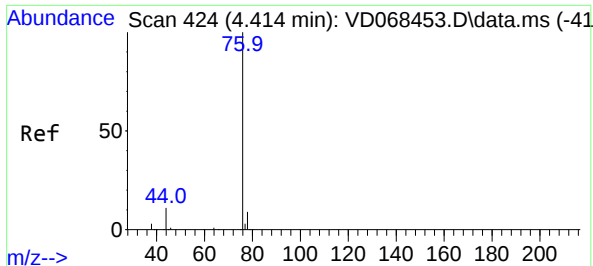
Tgt Ion:168 Resp: 227064
Ion Ratio Lower Upper
168 100
99 54.2 43.5 65.3



#16
Acetone
Concen: 161.25 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 43 Resp: 58107
Ion Ratio Lower Upper
43 100
58 29.1 24.2 36.4

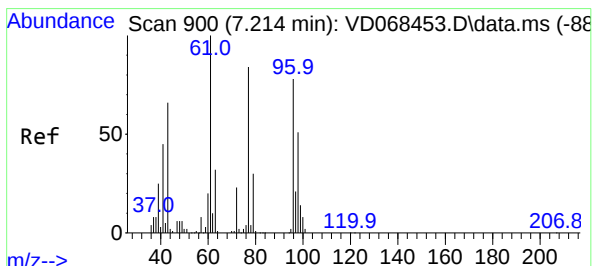
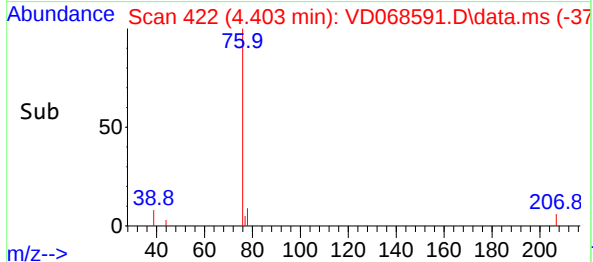
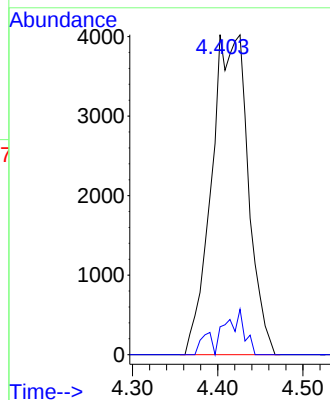
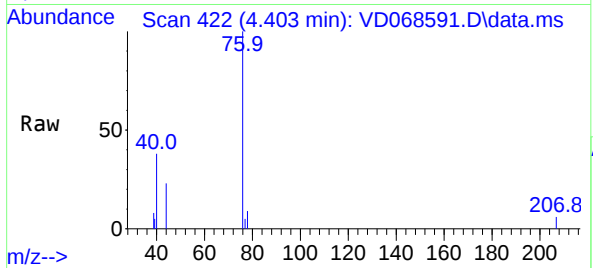




#17
Carbon Disulfide
Concen: 1.61 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.011 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

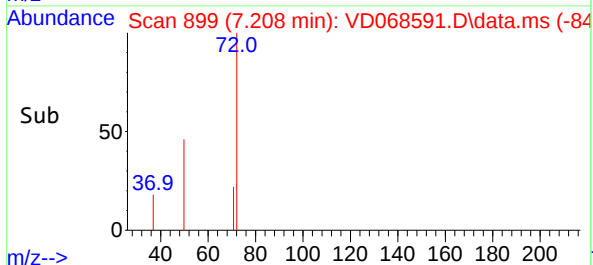
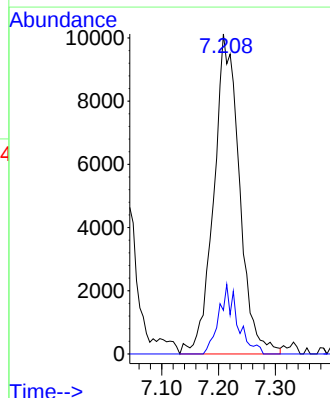
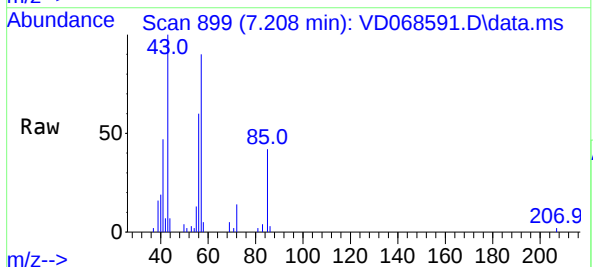
Instrument :
MSVOA_D
ClientSampleId :
CSB-5-17-17.5

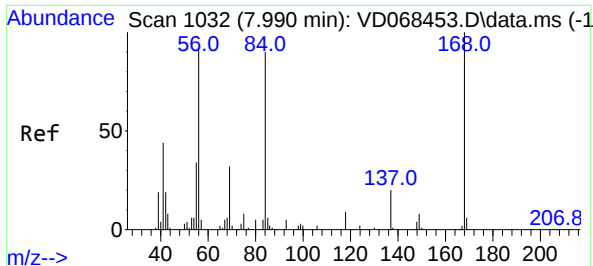
Tgt Ion: 76 Resp: 12016
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#25
2-Butanone
Concen: 61.25 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

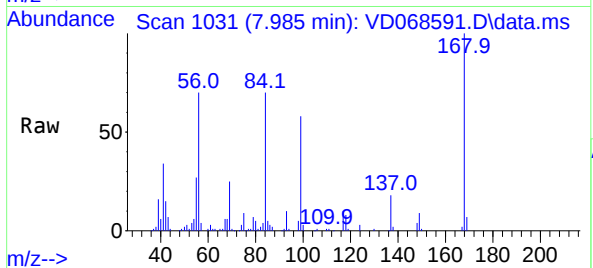
Tgt Ion: 43 Resp: 31727
Ion Ratio Lower Upper
43 100
72 13.7 25.1 37.7#



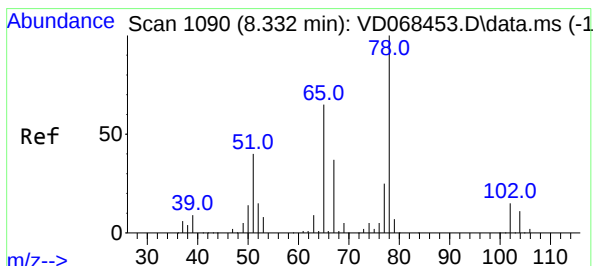
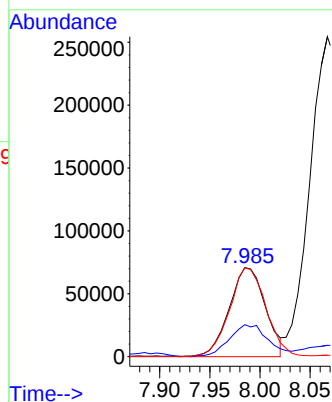
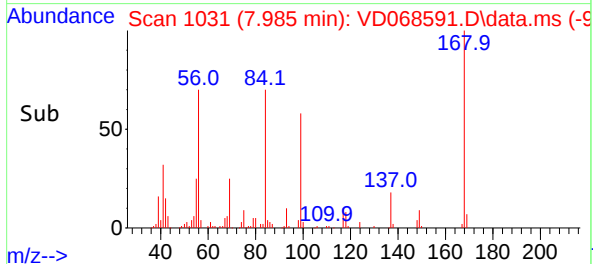


#31
Cyclohexane
Concen: 43.01 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

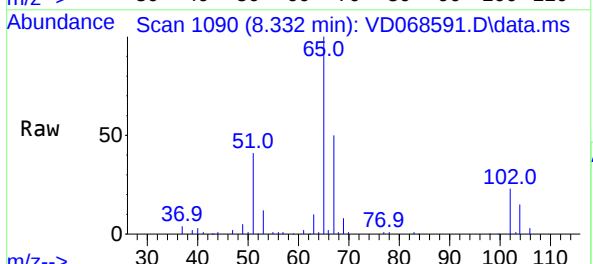
Instrument :
MSVOA_D
ClientSampleId :
CSB-5-17-17.5



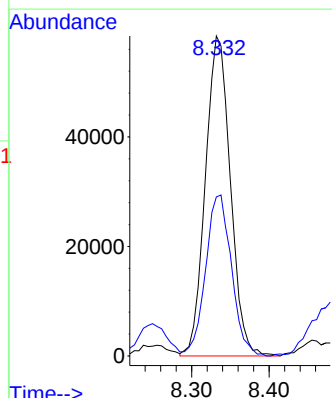
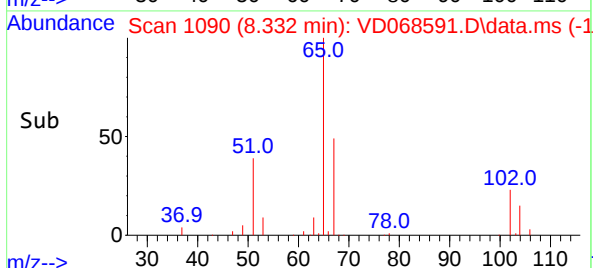
Tgt Ion: 56 Resp: 177451
Ion Ratio Lower Upper
56 100
69 35.4 30.1 45.1
84 99.6 82.1 123.1

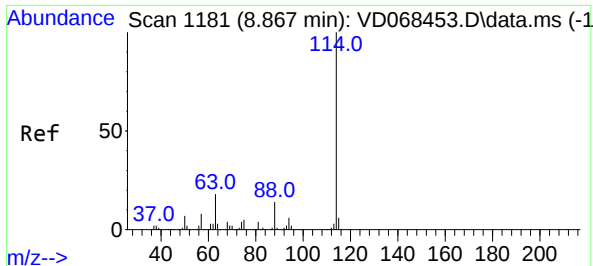


#33
1,2-Dichloroethane-d4
Concen: 57.78 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02



Tgt Ion: 65 Resp: 131092
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0

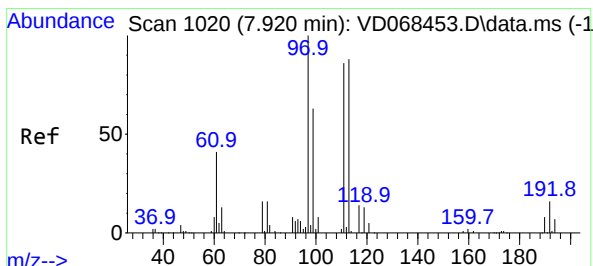
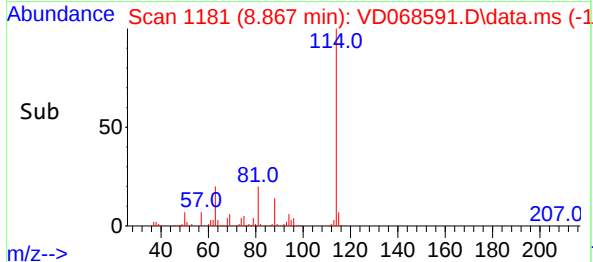
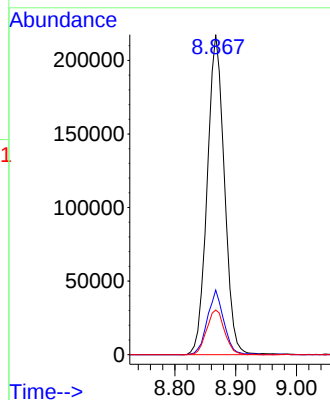
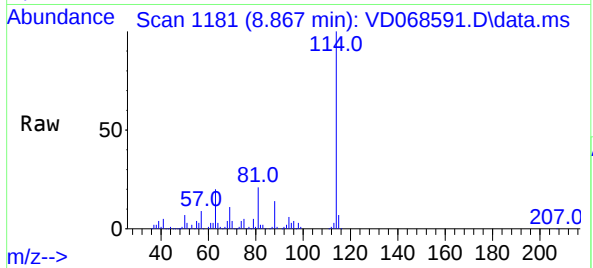




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

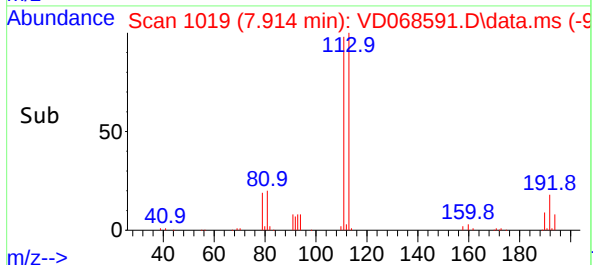
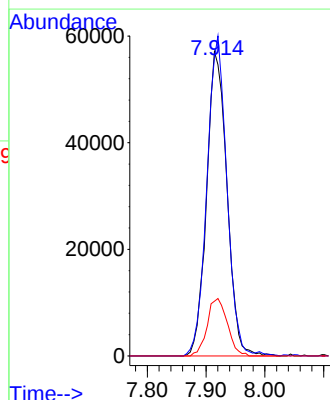
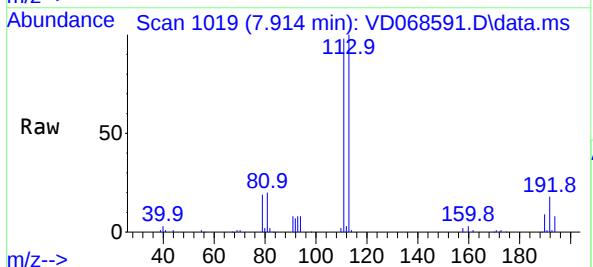
Instrument :
MSVOA_D
ClientSampleId :
CSB-5-17-17.5

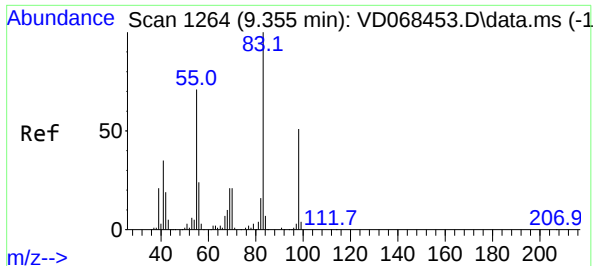
Tgt Ion:	114	Resp:	426194
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	34.8
88	14.0	0.0	31.6



#35
Dibromofluoromethane
Concen: 53.62 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion:	113	Resp:	137656
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.4	122.0
192	18.7	16.1	24.1

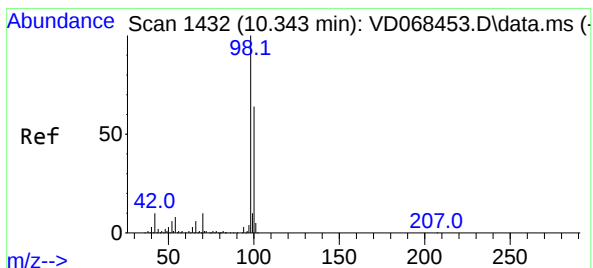
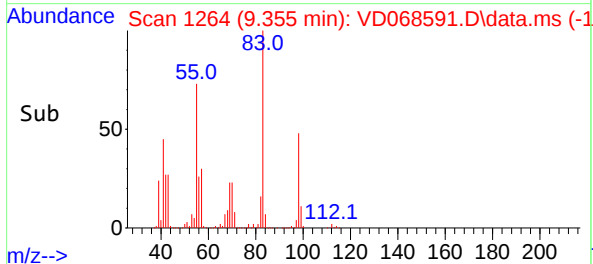
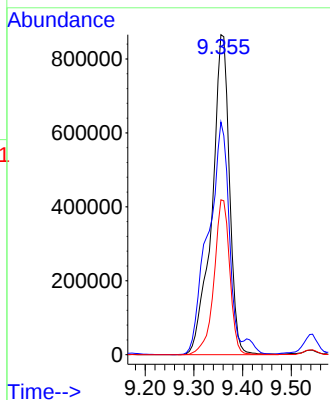
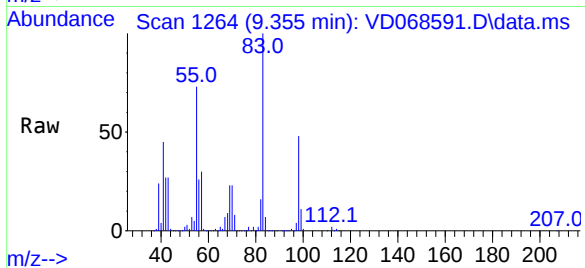




#39
Methylcyclohexane
Concen: 434.65 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

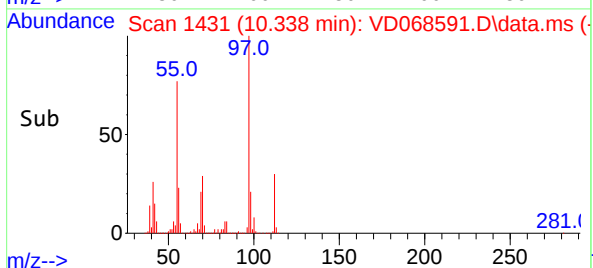
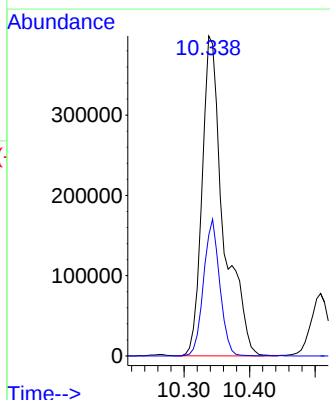
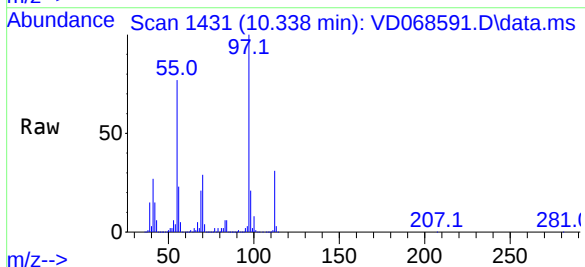
Instrument :
MSVOA_D
ClientSampleId :
CSB-5-17-17.5

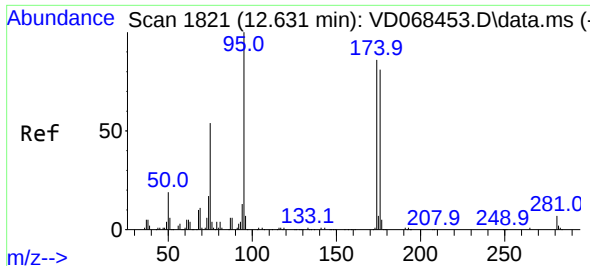
Tgt Ion: 83 Resp: 2171643
Ion Ratio Lower Upper
83 100
55 72.7 55.2 82.8
98 48.4 39.1 58.7



#50
Toluene-d8
Concen: 88.67 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 98 Resp: 906783
Ion Ratio Lower Upper
98 100
100 32.2 53.0 79.4#

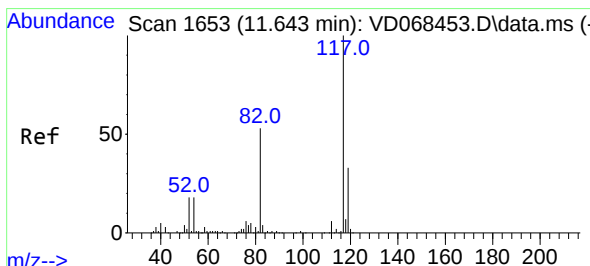
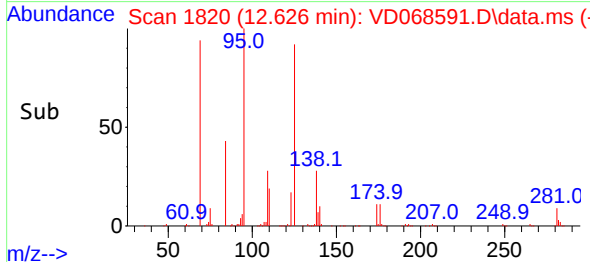
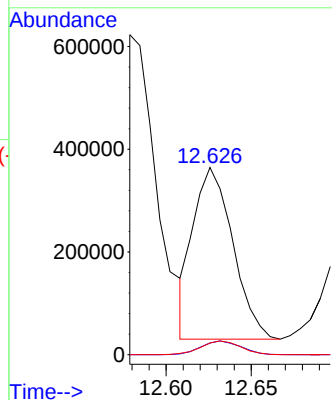
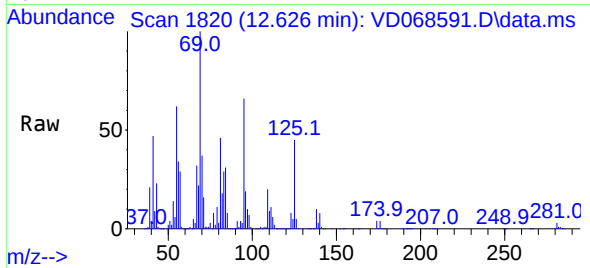




#62
4-Bromofluorobenzene
Concen: 164.10 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

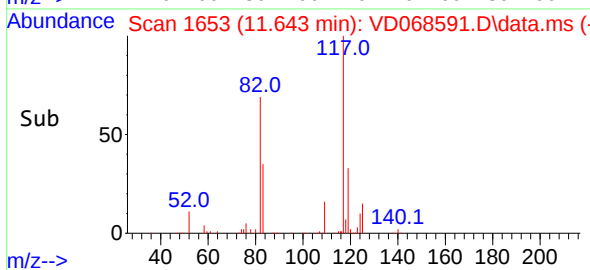
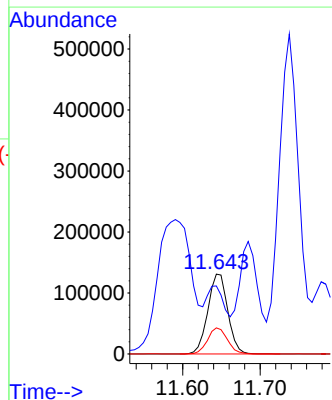
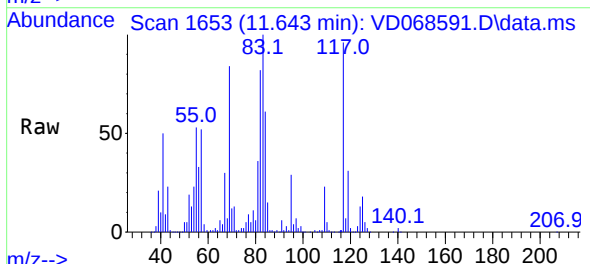
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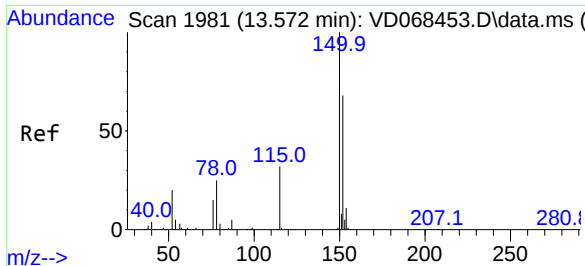
Tgt Ion: 95 Resp: 540821
Ion Ratio Lower Upper
95 100
174 8.0 0.0 172.4
176 8.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 117 Resp: 233182
Ion Ratio Lower Upper
117 100
82 0.0 41.4 62.0#
119 32.7 26.1 39.1

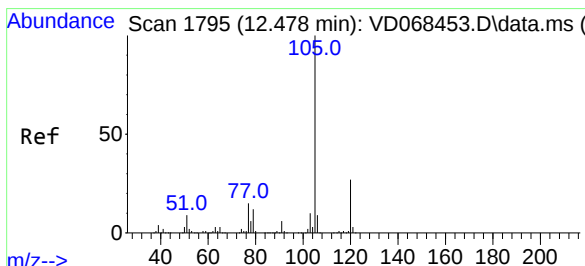
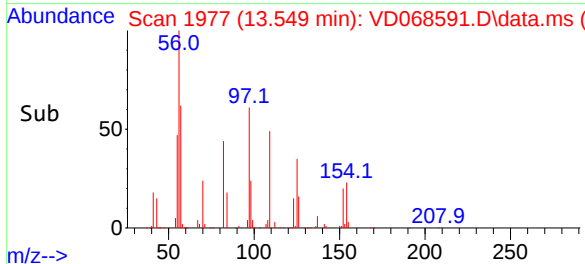
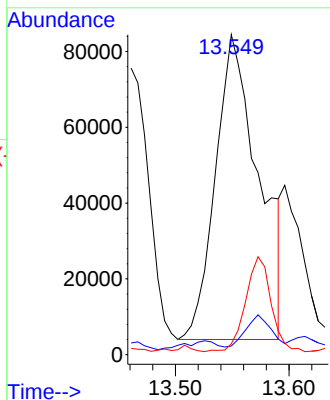
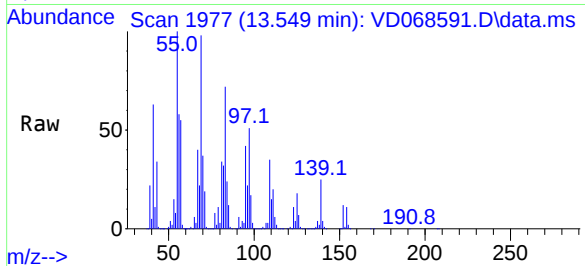




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.023 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

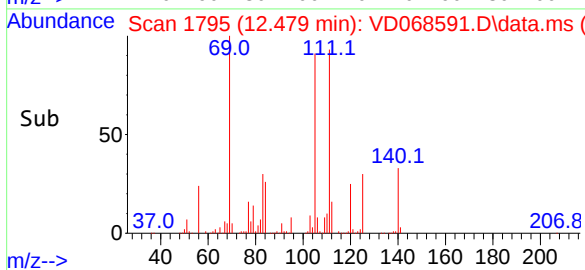
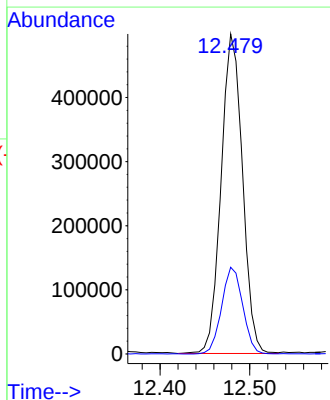
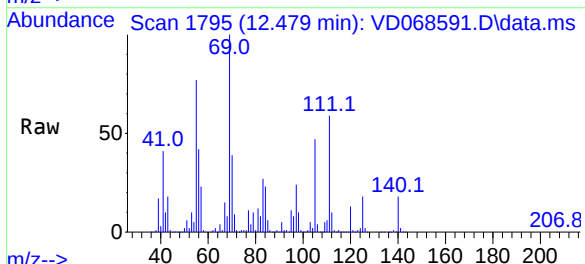
Instrument :
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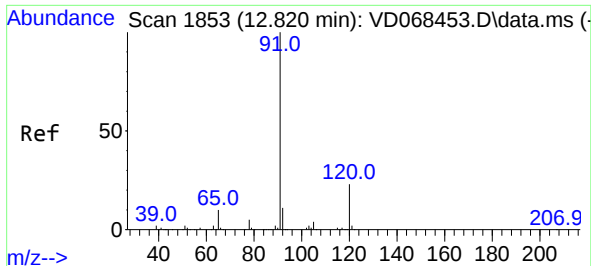
Tgt Ion:152 Resp: 212466
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.8#
150 0.0 0.0 344.4



#73
Isopropylbenzene
Concen: 52.31 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

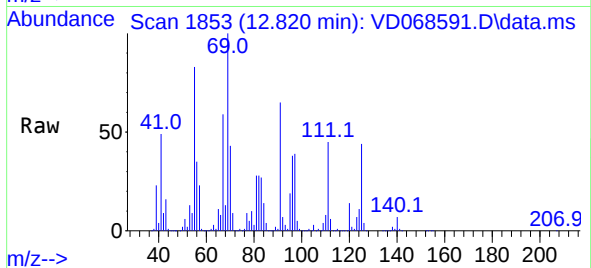
Tgt Ion:105 Resp: 824351
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



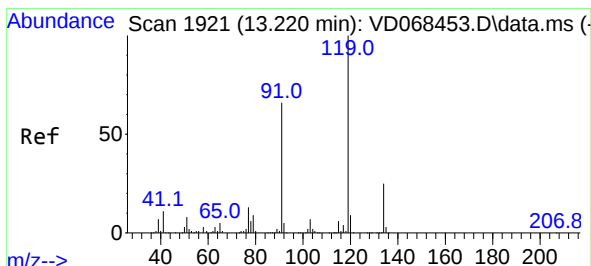
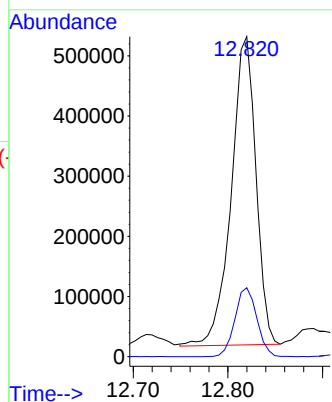
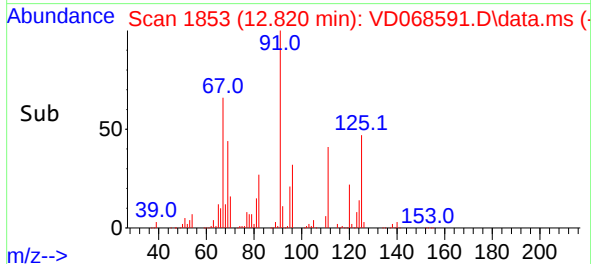


#78
n-propylbenzene
Concen: 49.26 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

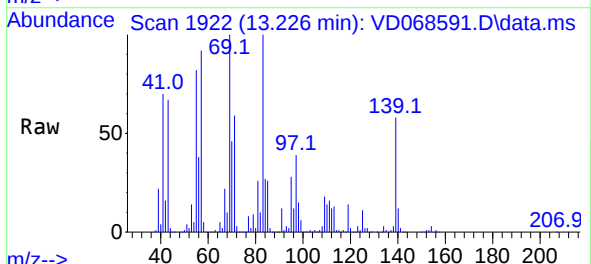
Instrument :
MSVOA_D
ClientSampleId :
CSB-5-17-17.5



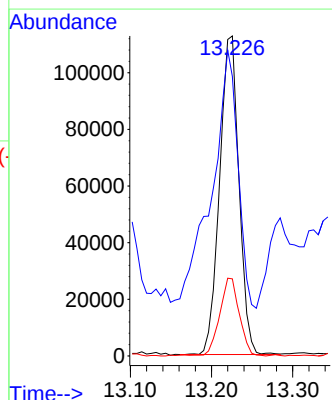
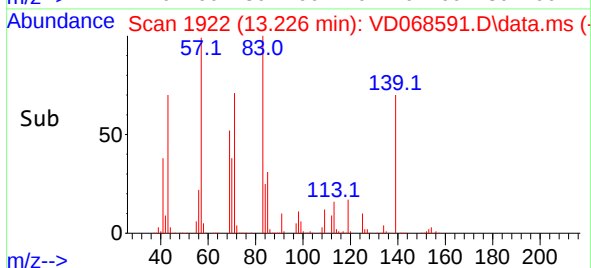
Tgt Ion: 91 Resp: 927514
Ion Ratio Lower Upper
91 100
120 19.9 12.0 36.0

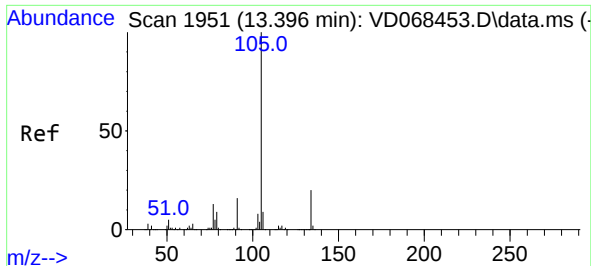


#83
tert-Butylbenzene
Concen: 16.99 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02



Tgt Ion: 119 Resp: 186789
Ion Ratio Lower Upper
119 100
91 110.0 31.1 93.5#
134 24.6 13.3 39.8

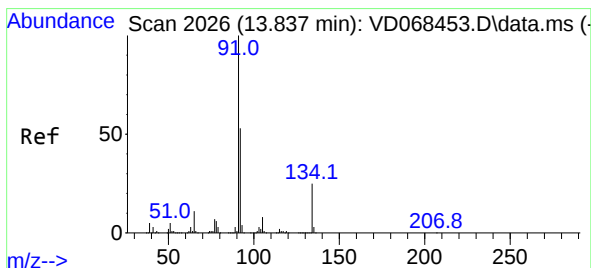
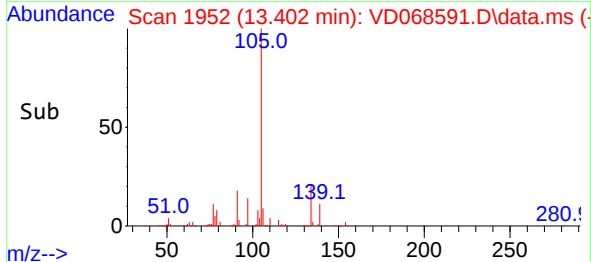
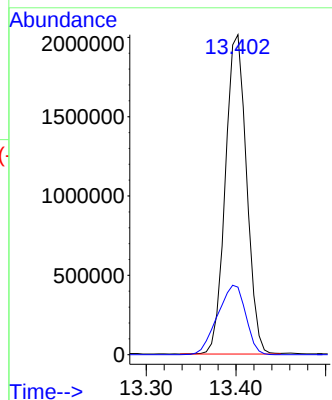
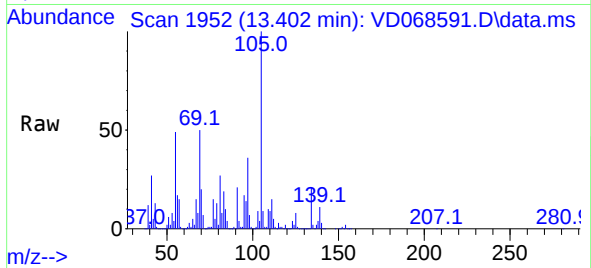




#85
sec-Butylbenzene
Concen: 212.37 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Instrument :
MSVOA_D
ClientSampleId :
CSB-5-17-17.5

Tgt Ion:105 Resp: 3298905
Ion Ratio Lower Upper
105 100
134 28.9 10.3 30.9



#89
n-Butylbenzene
Concen: 45.19 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068591.D
Acq: 11 Mar 2021 18:02

Tgt Ion: 91 Resp: 614618
Ion Ratio Lower Upper
91 100
92 41.7 27.2 81.6
134 0.0 13.9 41.7#

