

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068884.D
 Acq On : 16 Apr 2021 19:12
 Operator : VA/SY
 Sample : M2070-03
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JGD-3150-D3550-A

Quant Time: Apr 16 23:52:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

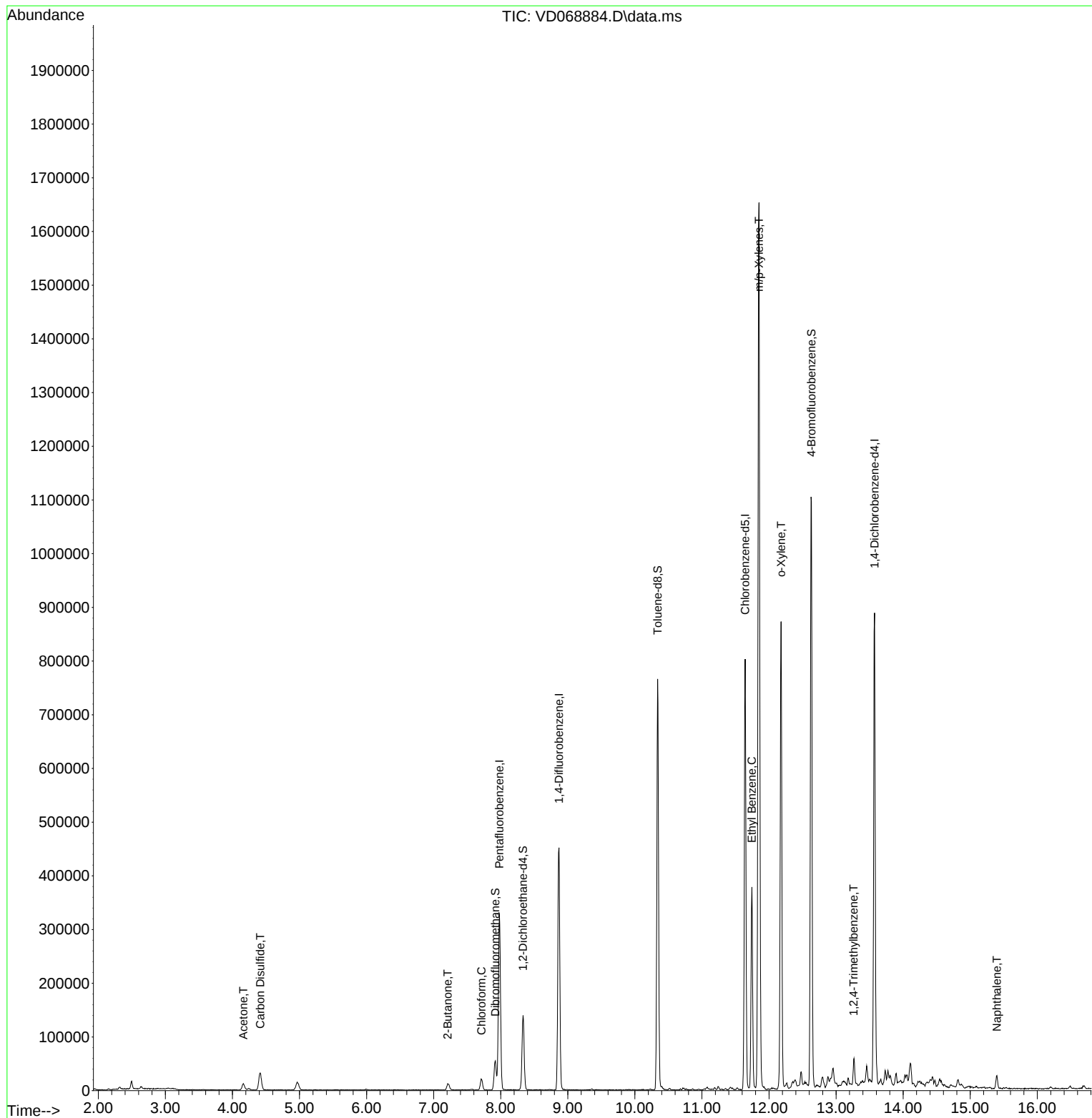
Internal Standards						
1) Pentafluorobenzene	7.979	168	249811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	428577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	477142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	249374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	111145	42.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.20%
35) Dibromofluoromethane	7.920	113	40623	14.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	29.14%#
50) Toluene-d8	10.338	98	538766	51.23	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.46%
62) 4-Bromofluorobenzene	12.632	95	225206	64.48	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.96%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	19305	52.80	ug/l	93
17) Carbon Disulfide	4.415	76	70943	8.77	ug/l	97
25) 2-Butanone	7.209	43	18120	35.02	ug/l	99
30) Chloroform	7.714	83	20321	3.61	ug/l	96
67) Ethyl Benzene	11.744	91	275070	15.38	ug/l	99
68) m/p-Xylenes	11.849	106	550740	79.80	ug/l	98
69) o-Xylene	12.179	106	248296	39.56	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	28870	1.88	ug/l	100
95) Naphthalene	15.396	128	22565	2.79	ug/l	99

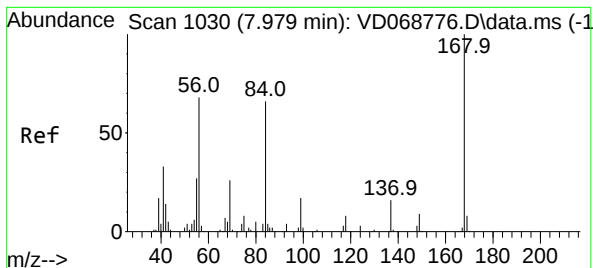
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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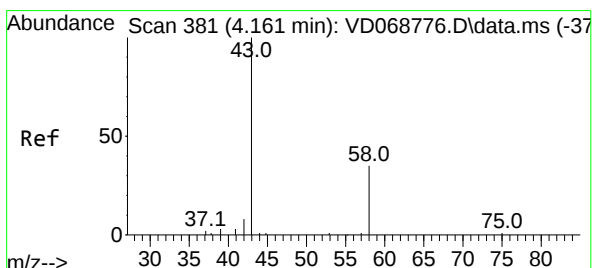
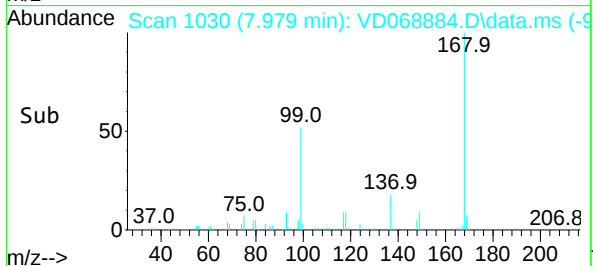
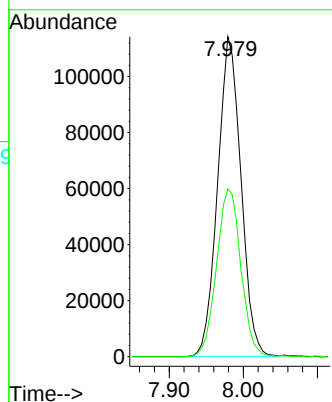
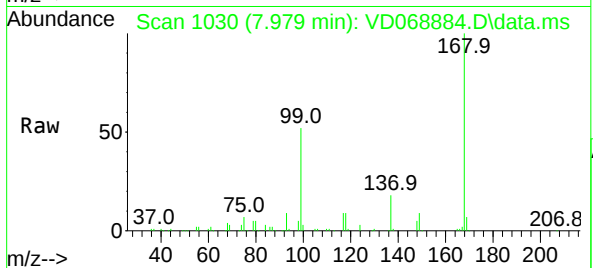




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

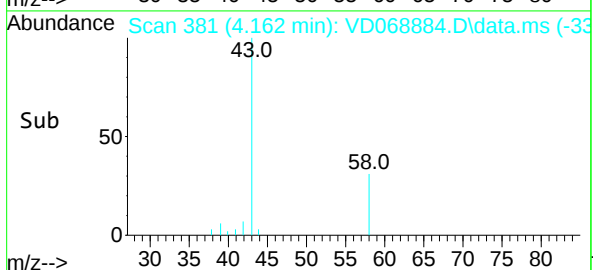
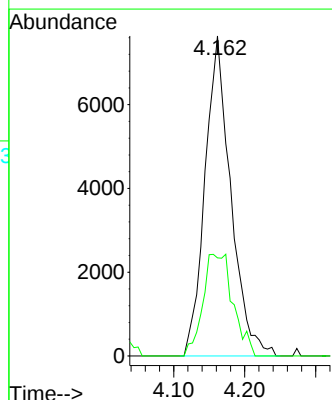
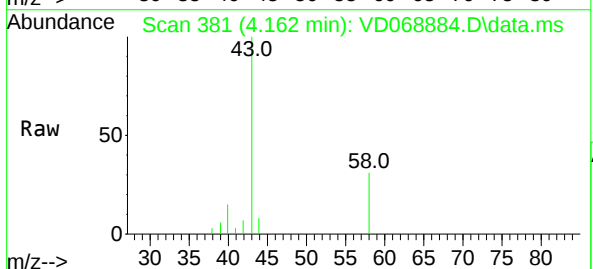
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-A

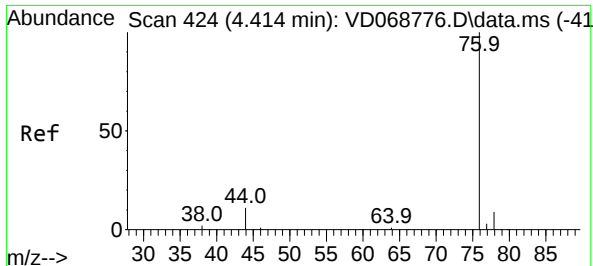
Tgt Ion:168 Resp: 249811
Ion Ratio Lower Upper
168 100
99 52.4 46.2 69.2



#16
Acetone
Concen: 52.80 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

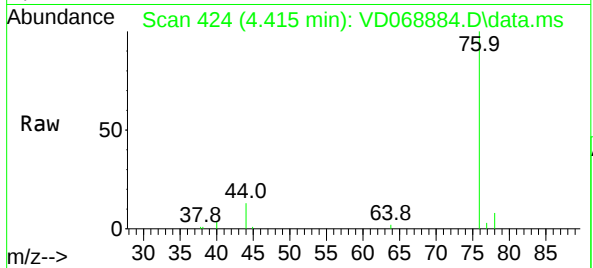
Tgt Ion: 43 Resp: 19305
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0



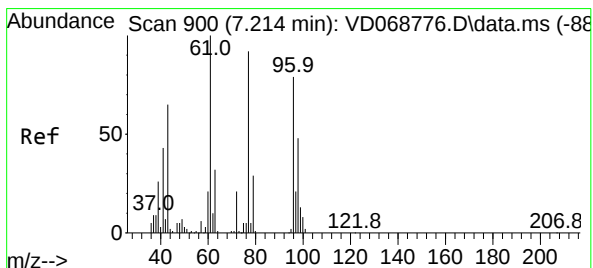
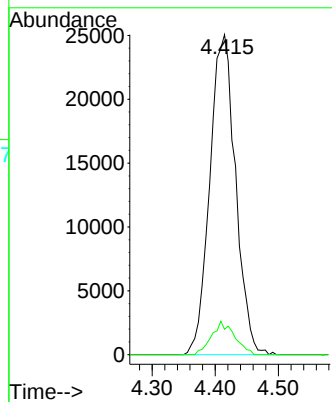
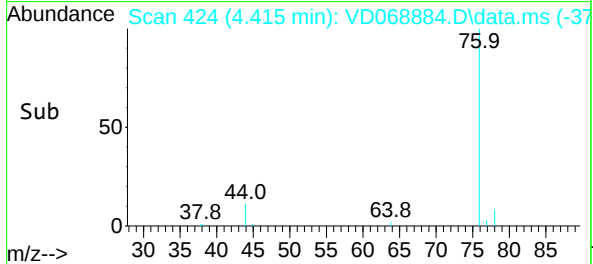


#17
Carbon Disulfide
Concen: 8.77 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

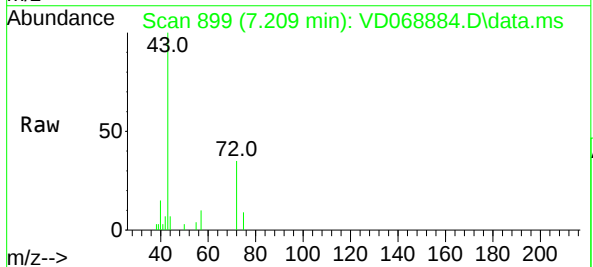
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-A



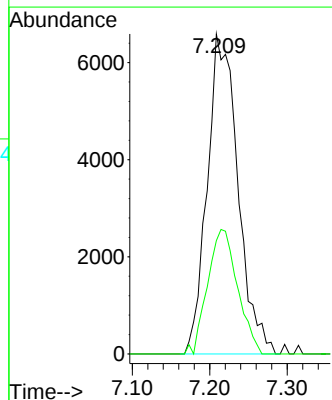
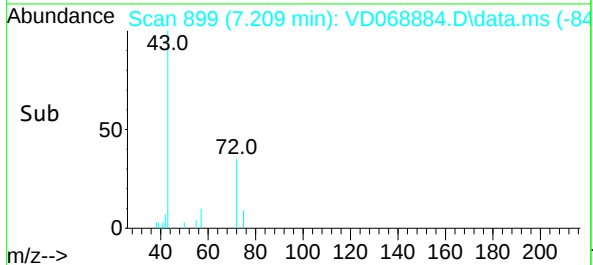
Tgt Ion: 76 Resp: 70943
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9

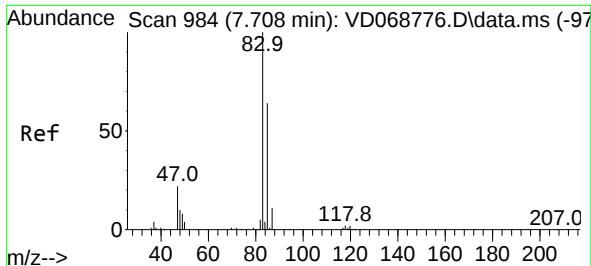


#25
2-Butanone
Concen: 35.02 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12



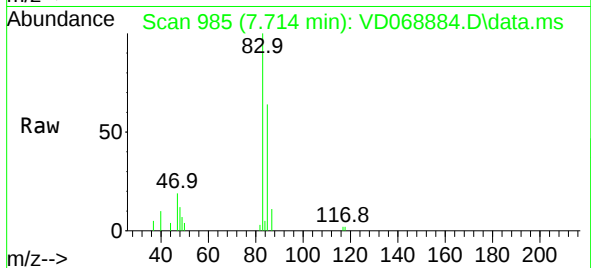
Tgt Ion: 43 Resp: 18120
Ion Ratio Lower Upper
43 100
72 35.4 28.6 43.0



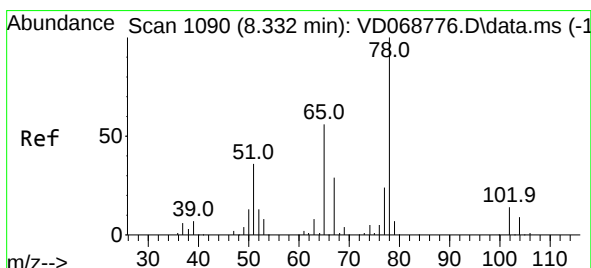
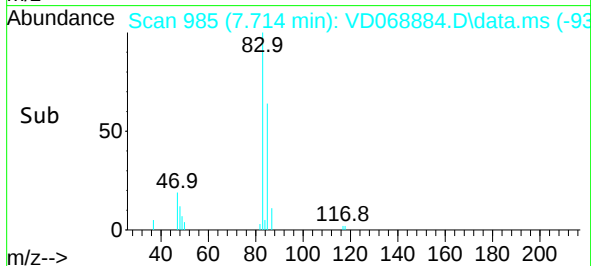
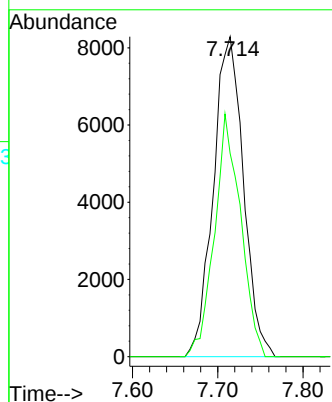


#30
Chloroform
Concen: 3.61 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.006 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-A

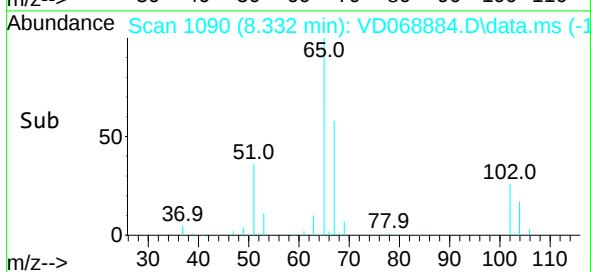
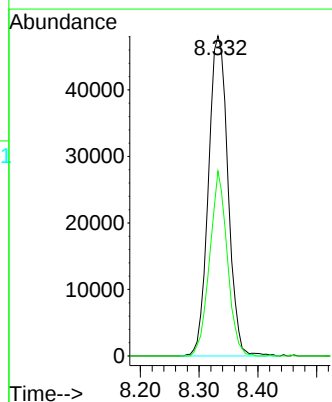
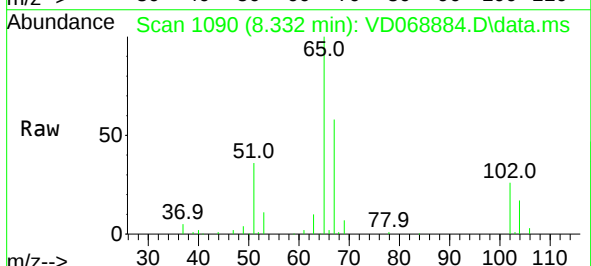


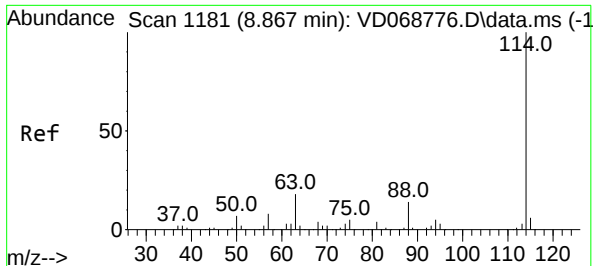
Tgt Ion: 83 Resp: 20321
Ion Ratio Lower Upper
83 100
85 63.5 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 42.10 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

Tgt Ion: 65 Resp: 111145
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0

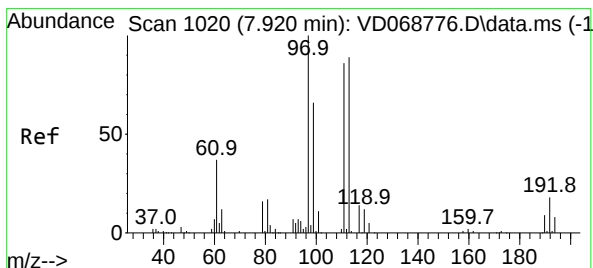
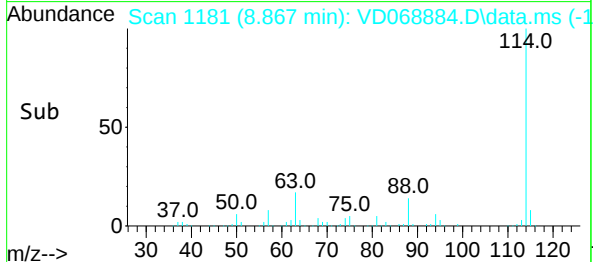
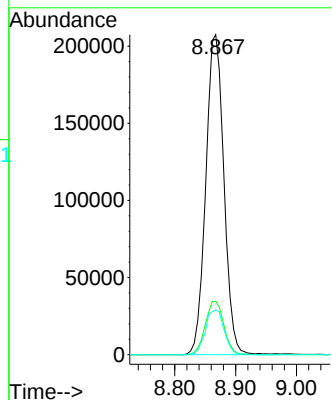
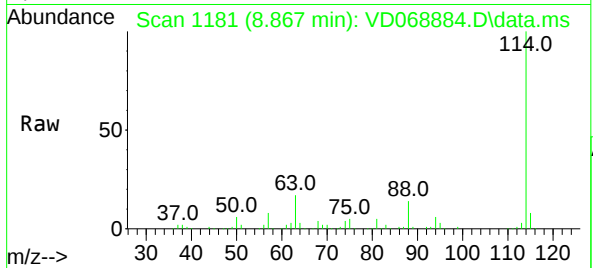




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

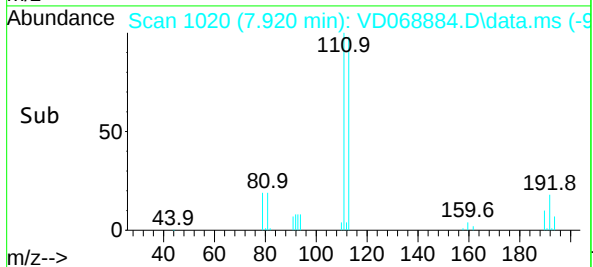
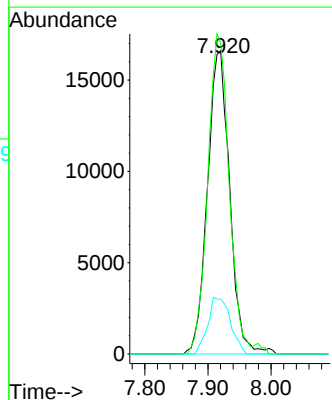
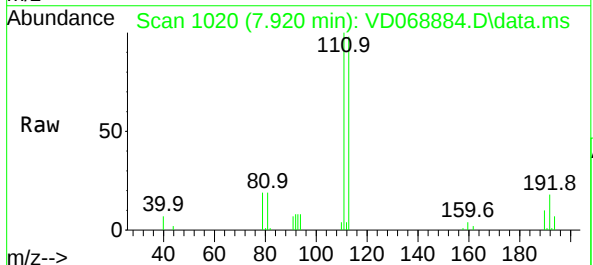
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-A

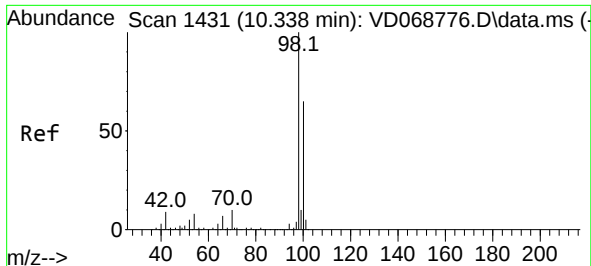
Tgt Ion:114 Resp: 428577
Ion Ratio Lower Upper
114 100
63 16.7 0.0 38.2
88 14.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 14.57 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

Tgt Ion:113 Resp: 40623
Ion Ratio Lower Upper
113 100
111 101.7 82.5 123.7
192 18.9 15.1 22.7

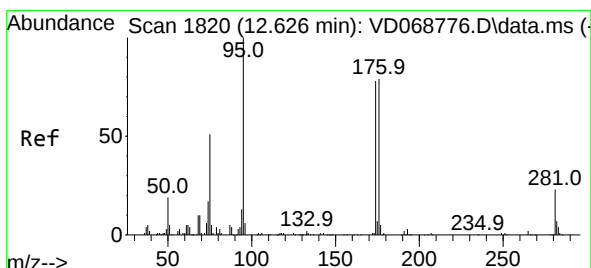
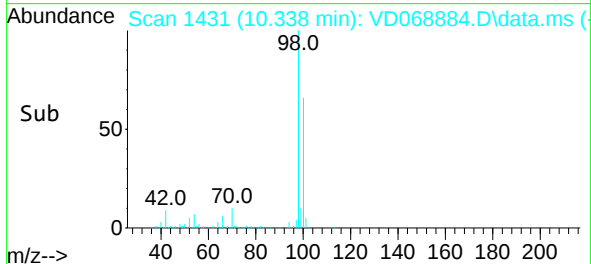
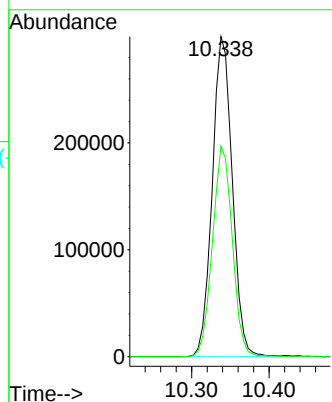
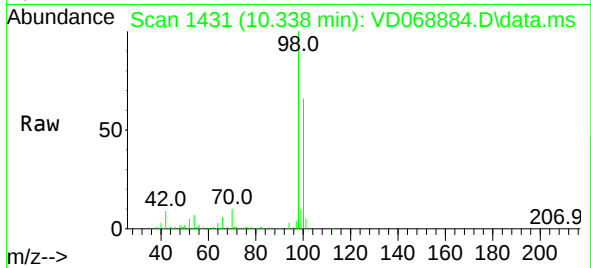




#50
Toluene-d8
Concen: 51.23 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

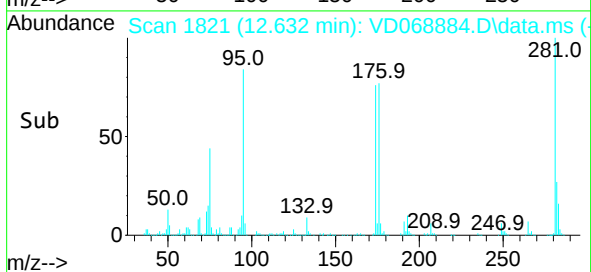
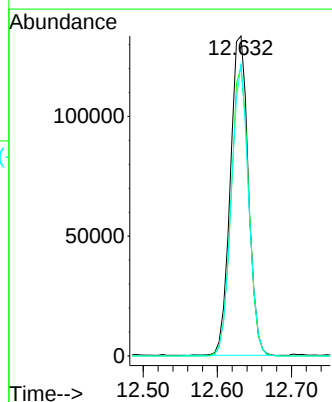
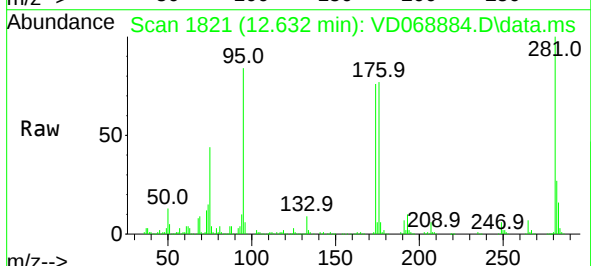
Instrument :
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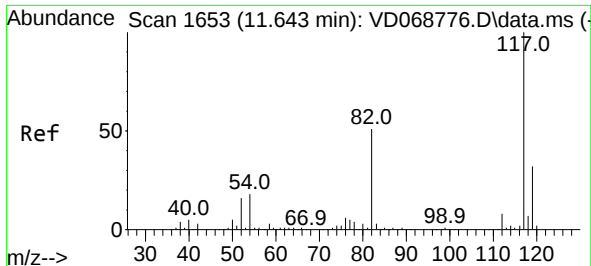
Tgt Ion: 98 Resp: 538766
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

Tgt Ion: 95 Resp: 225206
Ion Ratio Lower Upper
95 100
174 88.6 0.0 168.0
176 87.1 0.0 160.2

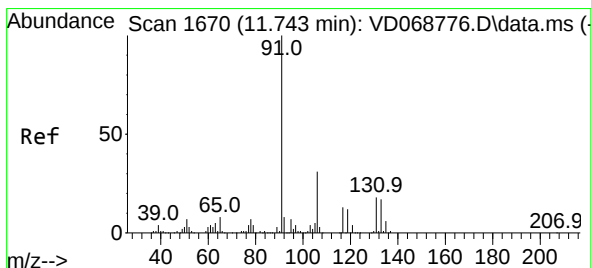
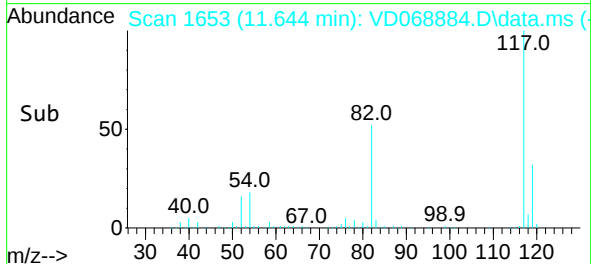
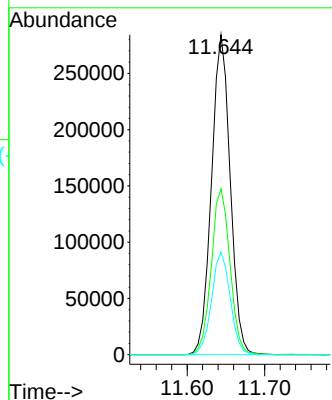
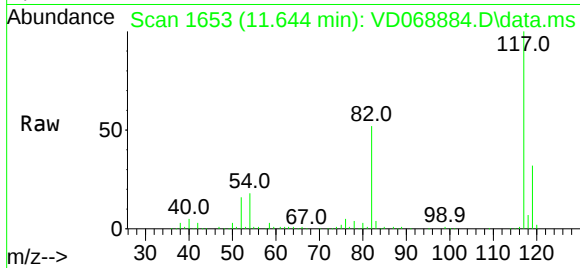




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

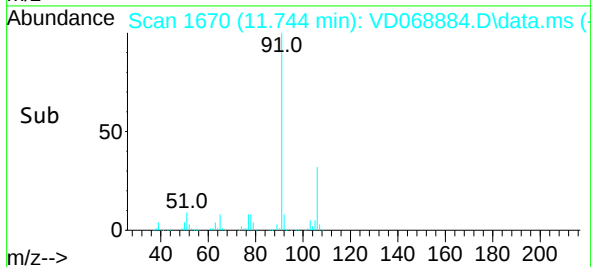
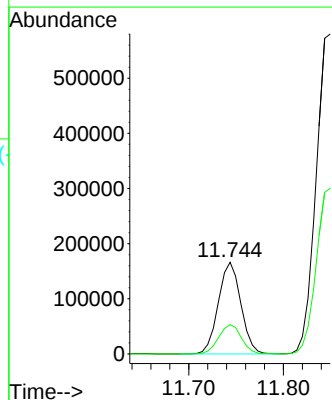
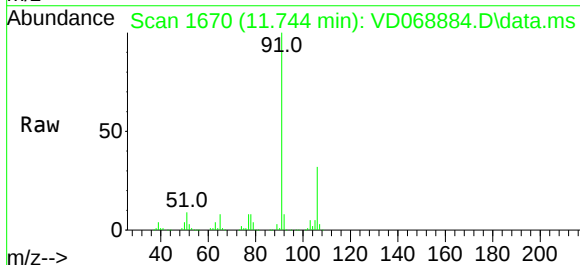
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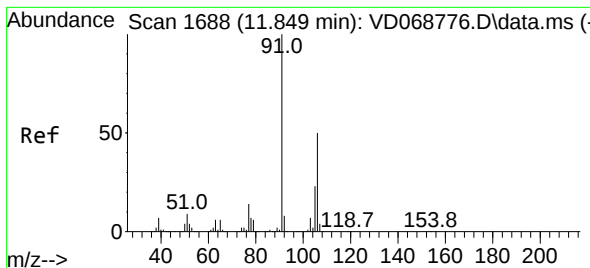
Tgt Ion:117 Resp: 477142
Ion Ratio Lower Upper
117 100
82 51.8 43.5 65.3
119 32.0 26.7 40.1



#67
Ethyl Benzene
Concen: 15.38 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

Tgt Ion: 91 Resp: 275070
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7

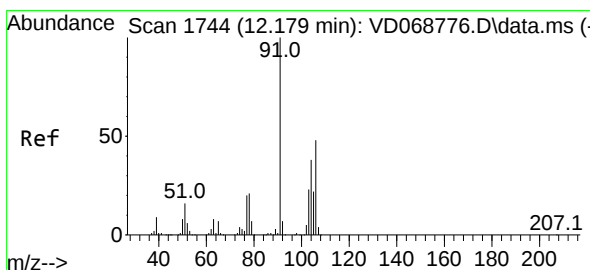
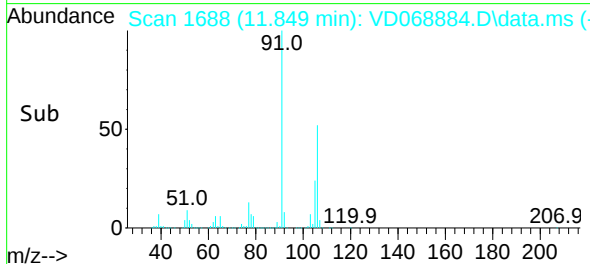
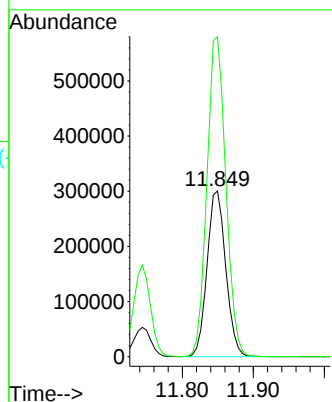
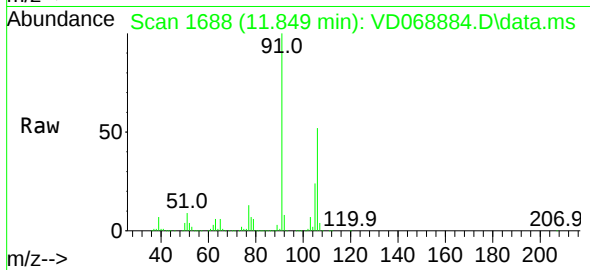




#68
m/p-Xylenes
Concen: 79.80 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

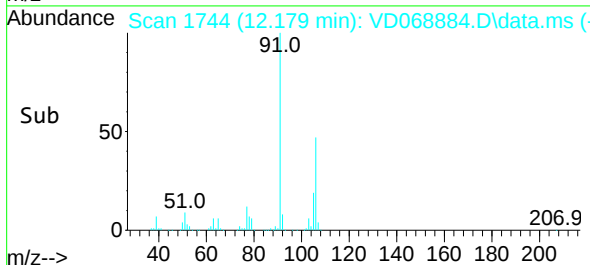
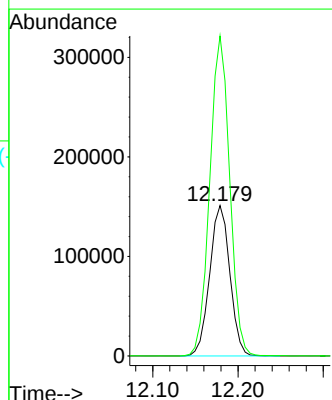
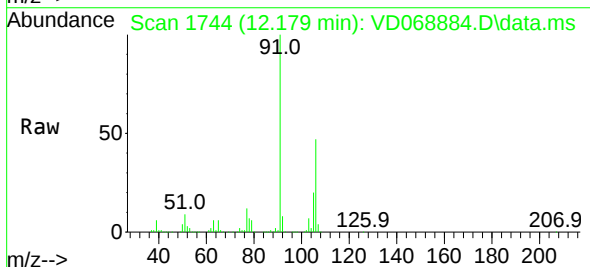
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-A

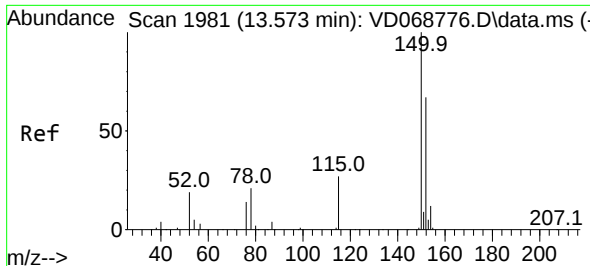
Tgt Ion:106 Resp: 550740
Ion Ratio Lower Upper
106 100
91 195.4 158.6 238.0



#69
o-Xylene
Concen: 39.56 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

Tgt Ion:106 Resp: 248296
Ion Ratio Lower Upper
106 100
91 210.3 105.0 315.0

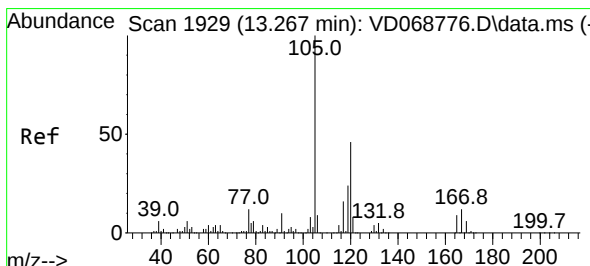
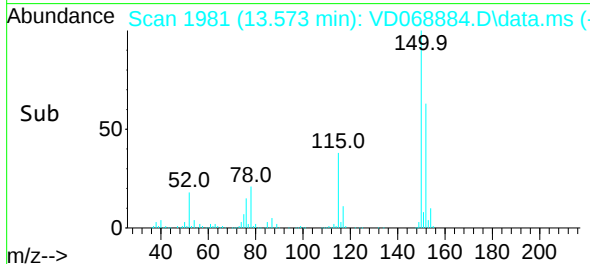
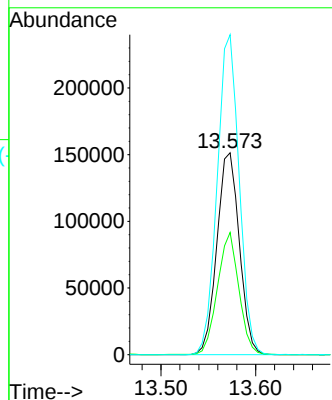
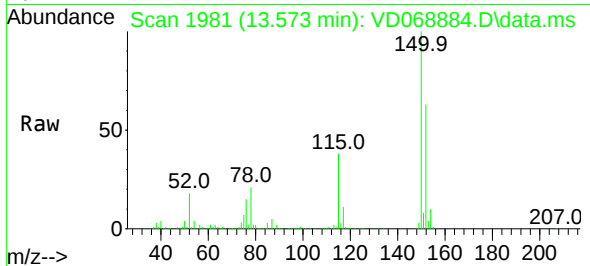




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

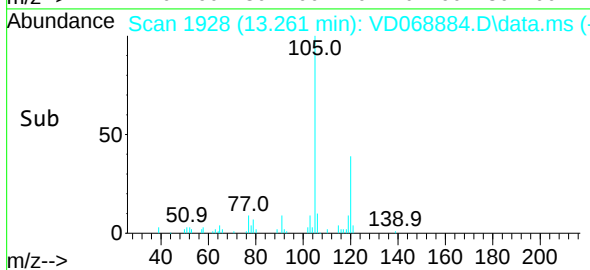
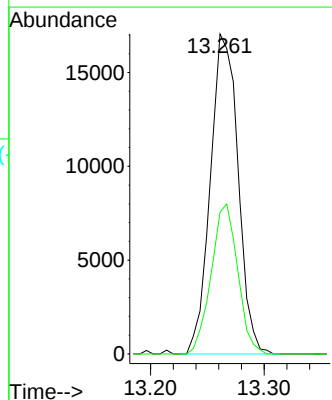
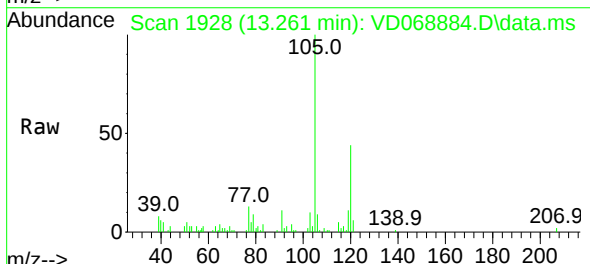
Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-A

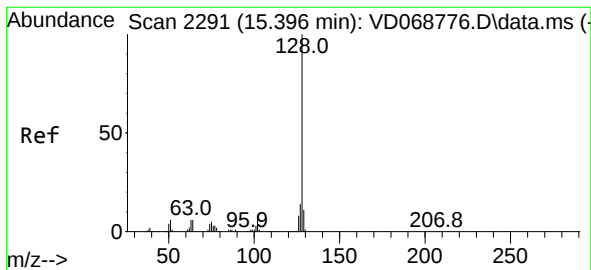
Tgt Ion:152 Resp: 249374
Ion Ratio Lower Upper
152 100
115 57.7 29.3 87.8
150 155.1 0.0 347.6



#84
1,2,4-Trimethylbenzene
Concen: 1.88 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

Tgt Ion:105 Resp: 28870
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.7





#95
Naphthalene
Concen: 2.79 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068884.D
Acq: 16 Apr 2021 19:12

Instrument :
MSVOA_D
ClientSampleId :
JGD-3150-D3550-A

Tgt Ion:128 Resp: 22565
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.9 8.9 13.3

