

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
 Data File : VD068916.D
 Acq On : 20 Apr 2021 11:43
 Operator : VA/SY
 Sample : M2077-05
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20-14.5-15.0-DUP

Quant Time: Apr 21 08:06:32 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)

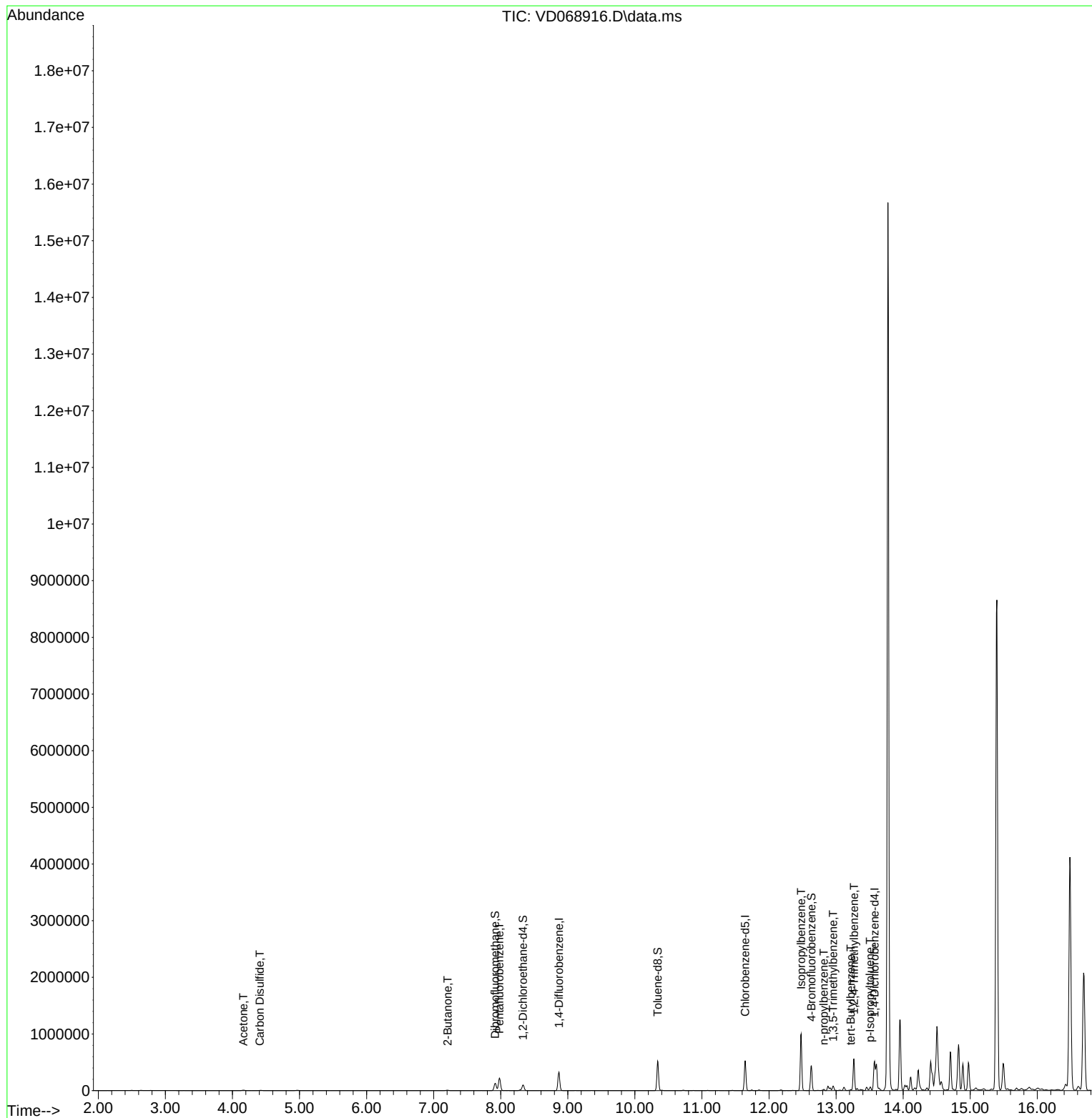
Internal Standards						
1) Pentafluorobenzene	7.979	168	166259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	297798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	316998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	139585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	76977	43.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.62%		
35) Dibromofluoromethane	7.914	113	94743	48.91	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.82%		
50) Toluene-d8	10.338	98	367685	50.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.64%		
62) 4-Bromofluorobenzene	12.632	95	144909	59.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	119.42%		
Target Compounds					Qvalue	
16) Acetone	4.162	43	14157	58.18	ug/l	96
17) Carbon Disulfide	4.409	76	7699	1.43	ug/l #	92
25) 2-Butanone	7.208	43	4561	13.25	ug/l	89
73) Isopropylbenzene	12.479	105	659332	64.69	ug/l	99
78) n-propylbenzene	12.814	91	17630	1.42	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	41755	4.90	ug/l	97
83) tert-Butylbenzene	13.220	119	8133	1.12	ug/l	94
84) 1,2,4-Trimethylbenzene	13.267	105	315386	36.65	ug/l	95
86) p-Isopropyltoluene	13.508	119	28372	3.04	ug/l #	79

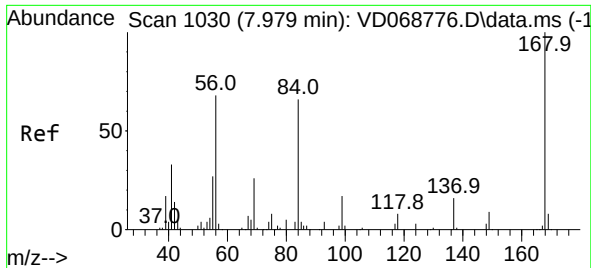
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
Data File : VD068916.D
Acq On : 20 Apr 2021 11:43
Operator : VA/SY
Sample : M2077-05
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

Quant Time: Apr 21 08:06:32 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

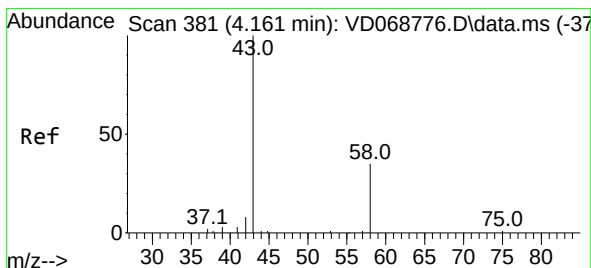
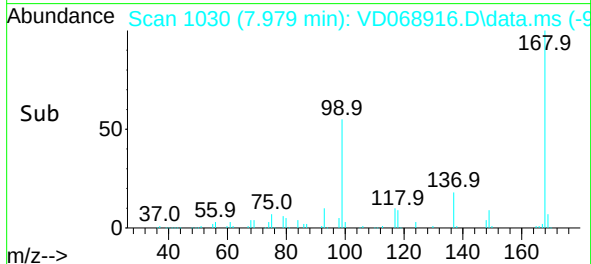
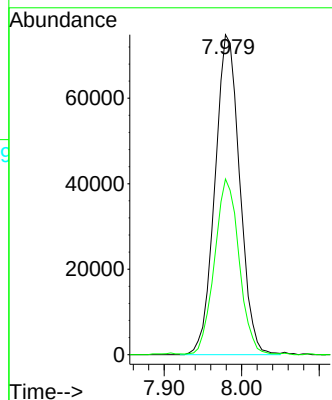
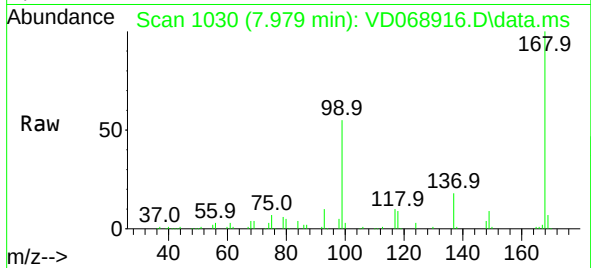




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

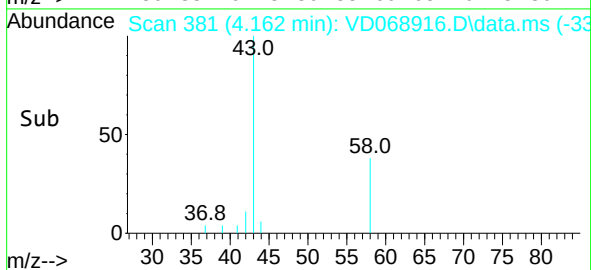
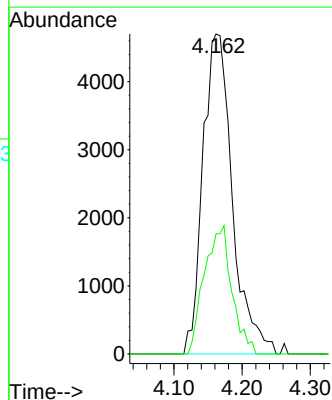
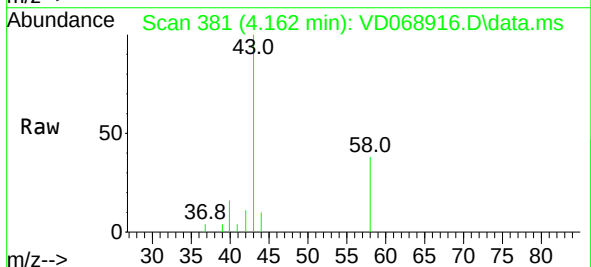
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

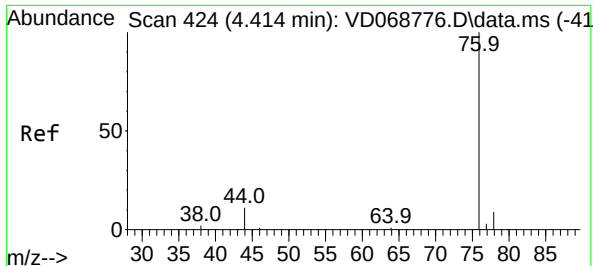
Tgt Ion:168 Resp: 166259
Ion Ratio Lower Upper
168 100
99 54.7 46.2 69.2



#16
Acetone
Concen: 58.18 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

Tgt Ion: 43 Resp: 14157
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0

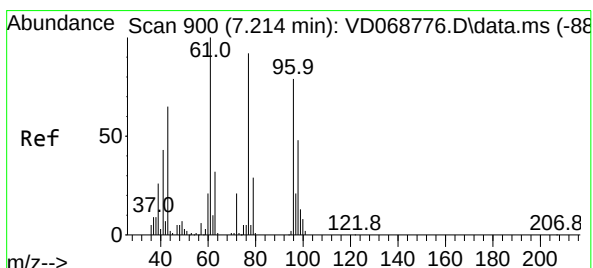
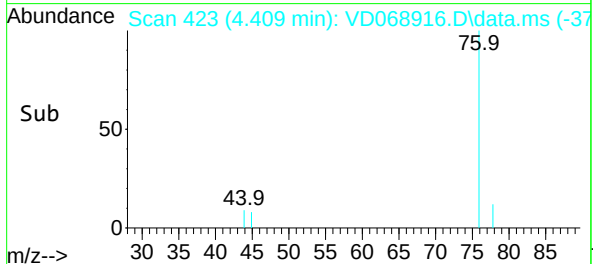
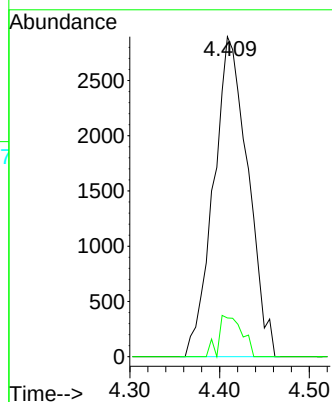
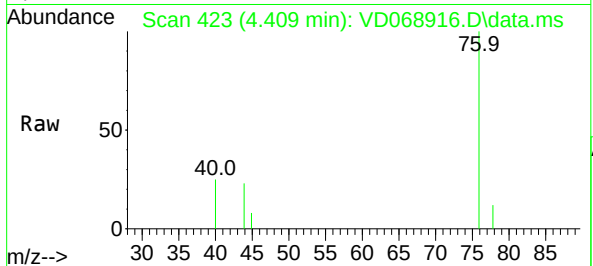




#17
Carbon Disulfide
Concen: 1.43 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

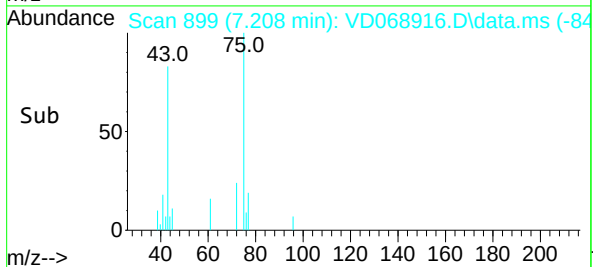
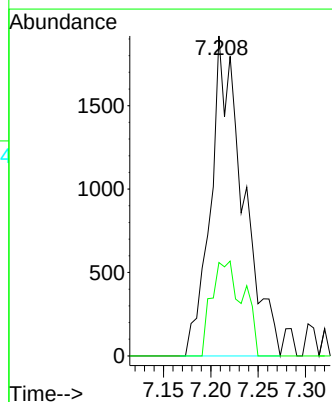
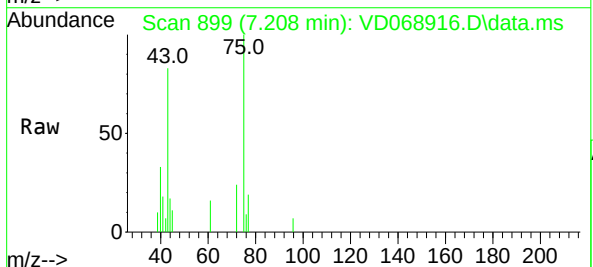
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

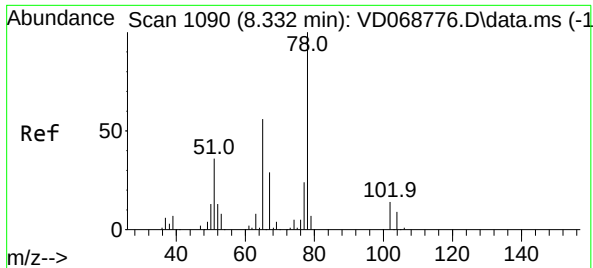
Tgt Ion: 76 Resp: 7699
Ion Ratio Lower Upper
76 100
78 12.1 7.3 10.9#



#25
2-Butanone
Concen: 13.25 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

Tgt Ion: 43 Resp: 4561
Ion Ratio Lower Upper
43 100
72 29.2 28.6 43.0

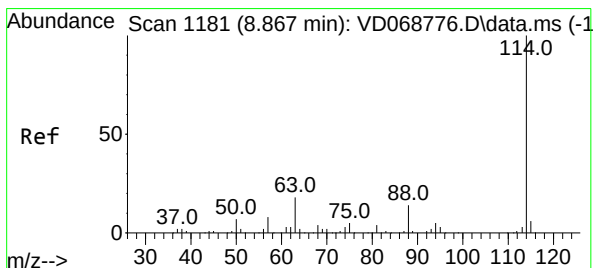
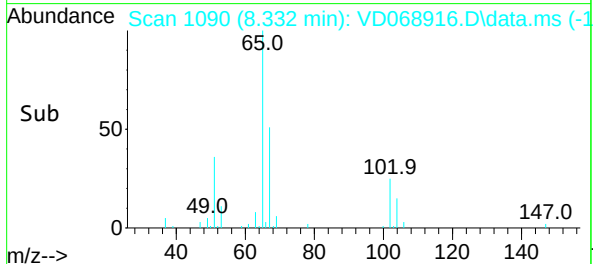
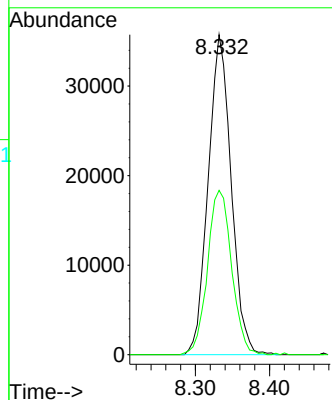
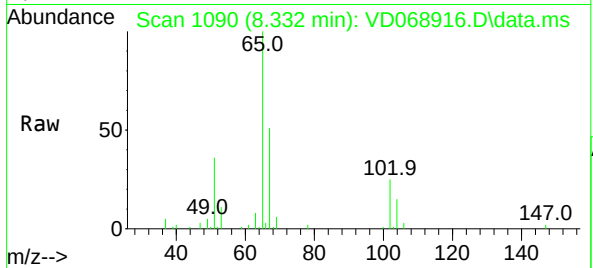




#33
1,2-Dichloroethane-d4
Concen: 43.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

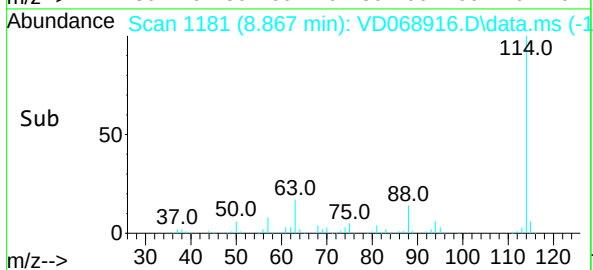
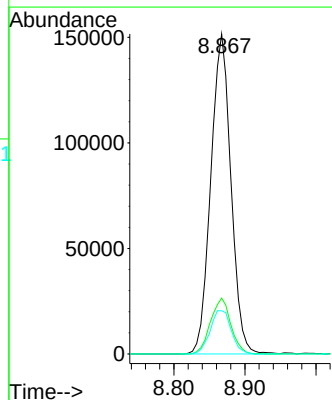
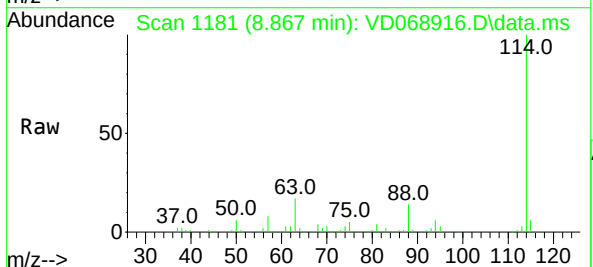
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

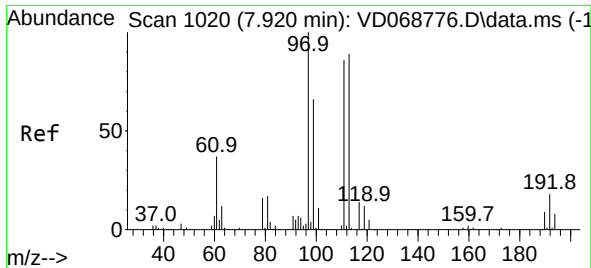
Tgt Ion: 65 Resp: 76977
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

Tgt Ion: 114 Resp: 297798
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.5 0.0 29.4

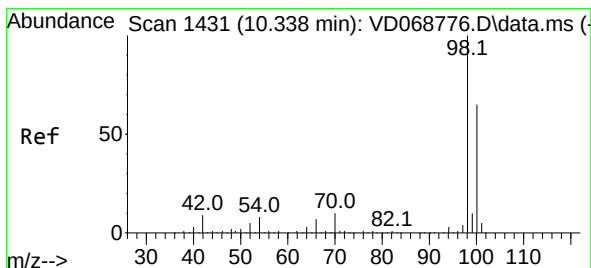
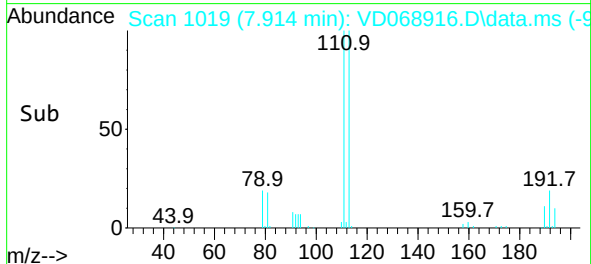
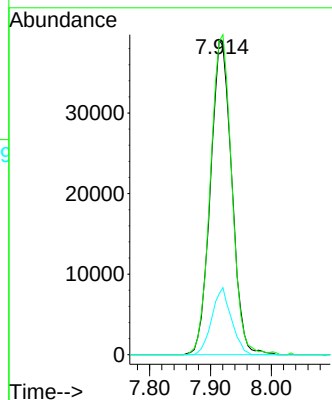
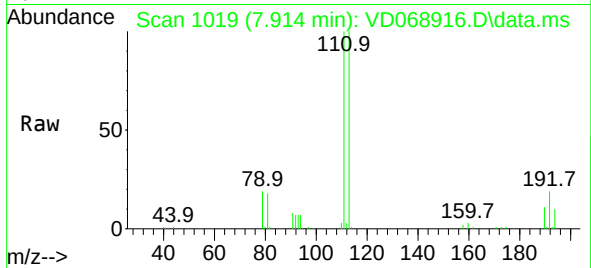




#35
Dibromofluoromethane
Concen: 48.91 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

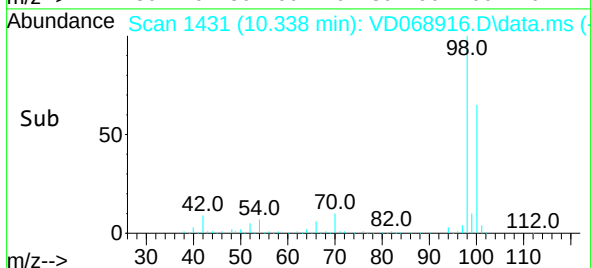
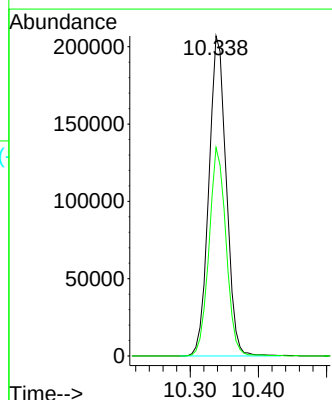
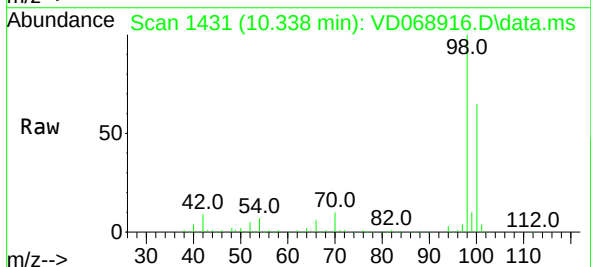
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

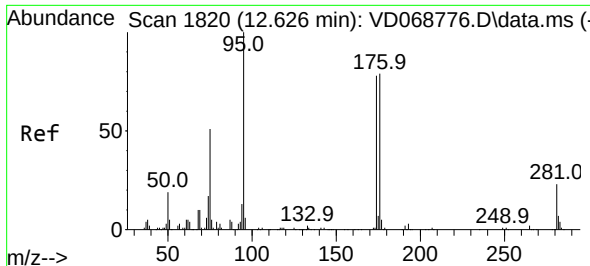
Tgt Ion:113 Resp: 94743
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 19.5 15.1 22.7



#50
Toluene-d8
Concen: 50.32 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

Tgt Ion: 98 Resp: 367685
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

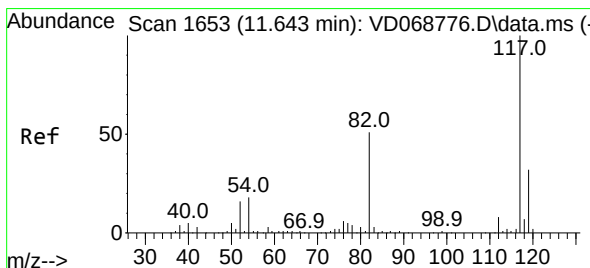
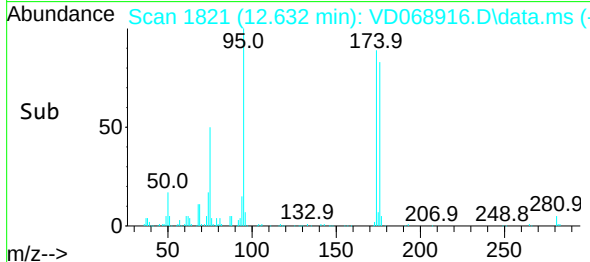
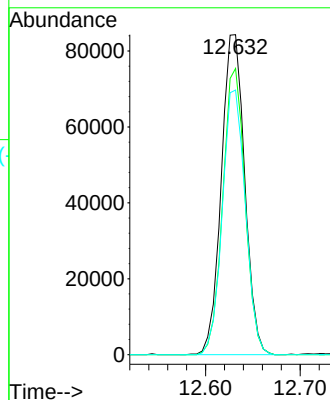
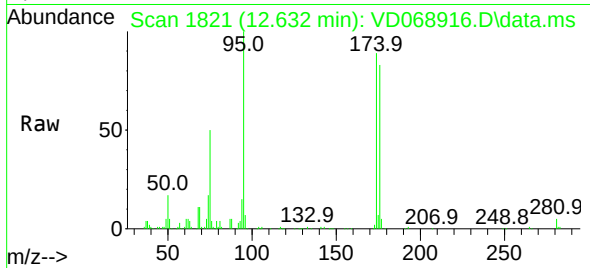




#62
4-Bromofluorobenzene
Concen: 59.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

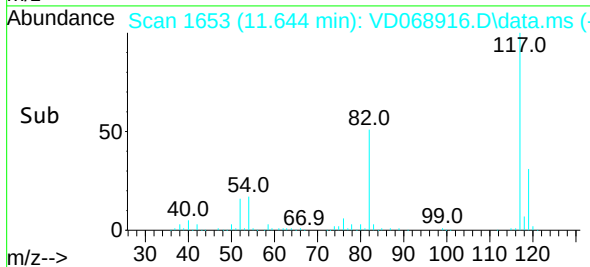
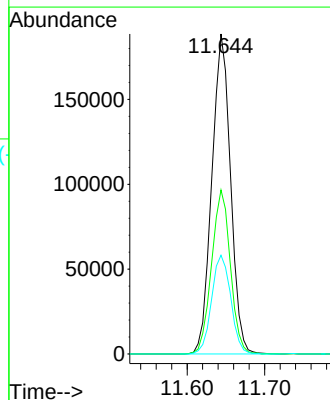
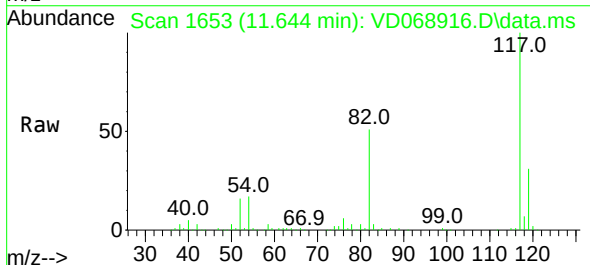
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

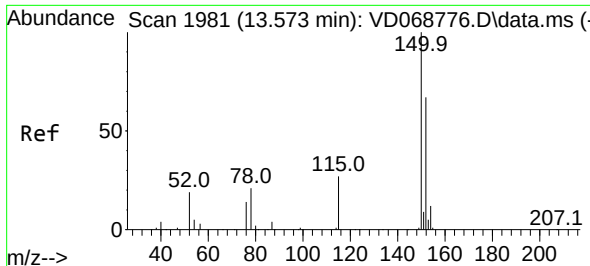
Tgt Ion: 95 Resp: 144909
Ion Ratio Lower Upper
95 100
174 85.3 0.0 168.0
176 81.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

Tgt Ion: 117 Resp: 316998
Ion Ratio Lower Upper
117 100
82 51.2 43.5 65.3
119 30.9 26.7 40.1

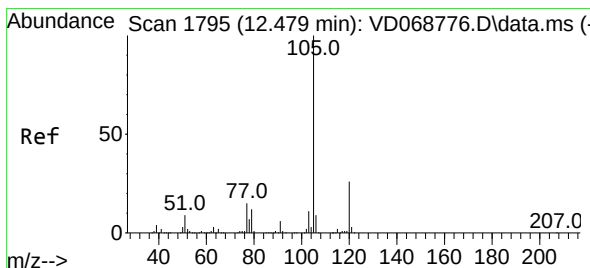
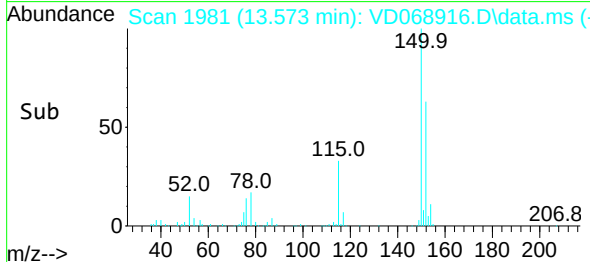
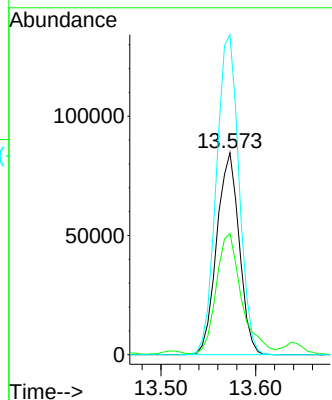
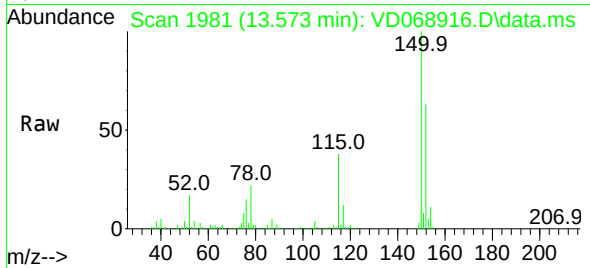




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

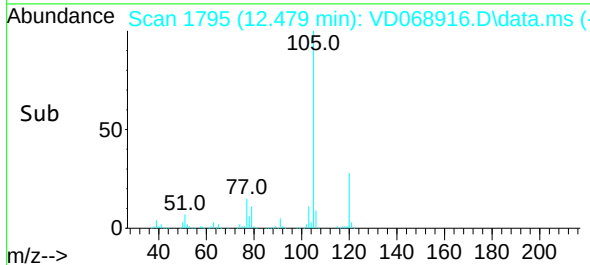
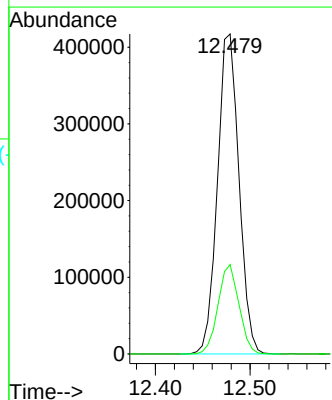
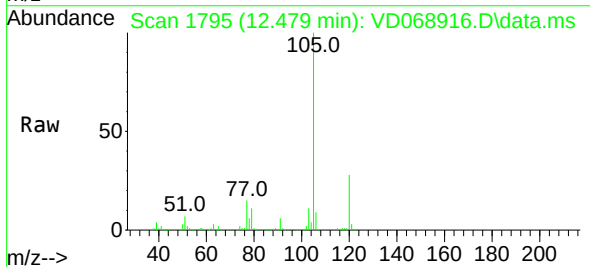
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

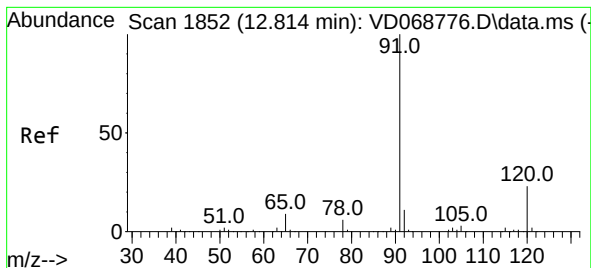
Tgt Ion:152 Resp: 139585
Ion Ratio Lower Upper
152 100
115 67.0 29.3 87.8
150 159.7 0.0 347.6



#73
Isopropylbenzene
Concen: 64.69 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

Tgt Ion:105 Resp: 659332
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

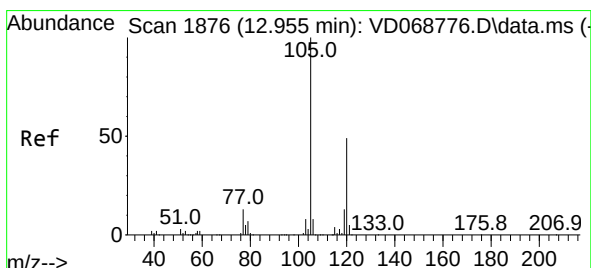
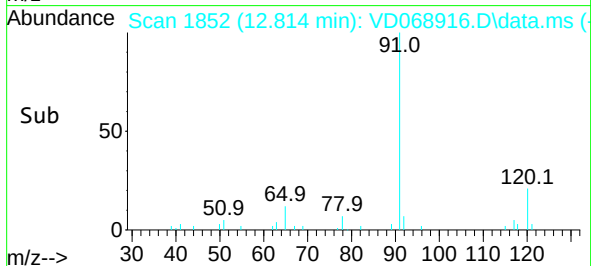
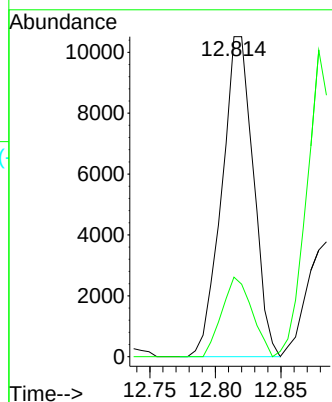
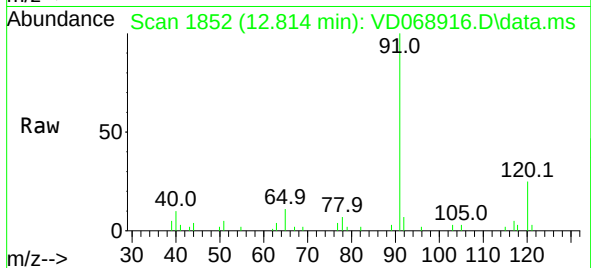




#78
n-propylbenzene
Concen: 1.42 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

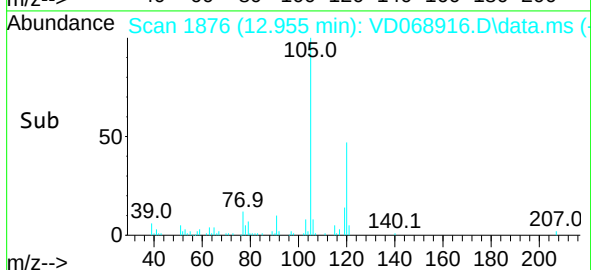
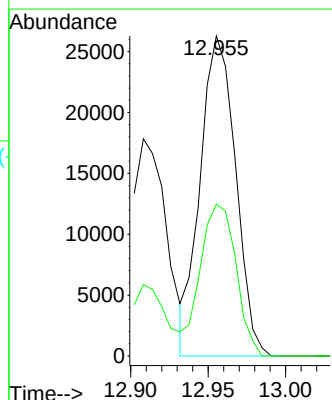
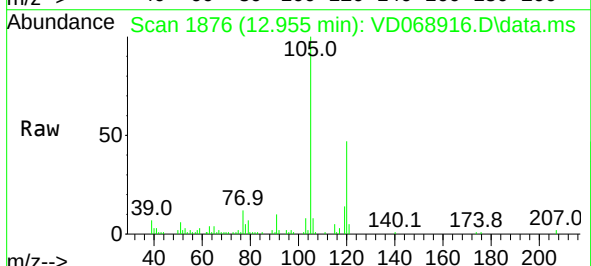
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

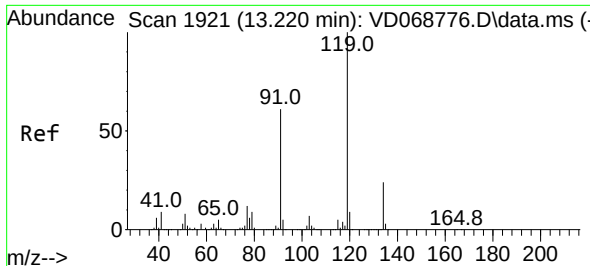
Tgt Ion: 91 Resp: 17630
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2



#80
1,3,5-Trimethylbenzene
Concen: 4.90 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

Tgt Ion: 105 Resp: 41755
Ion Ratio Lower Upper
105 100
120 47.9 24.9 74.7

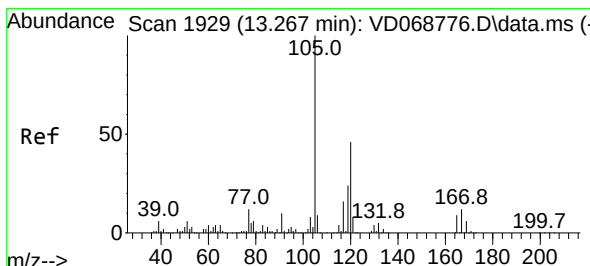
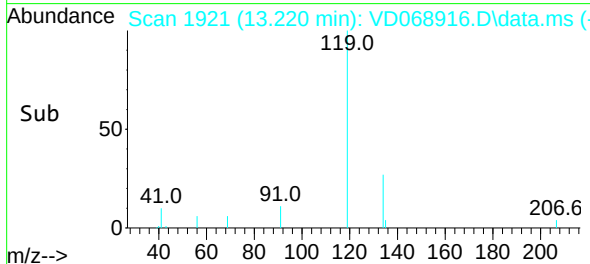
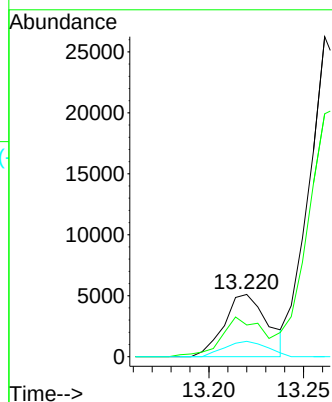
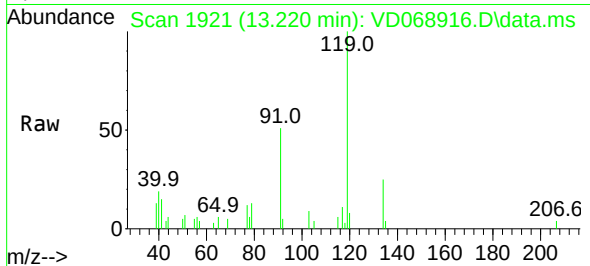




#83
tert-Butylbenzene
Concen: 1.12 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

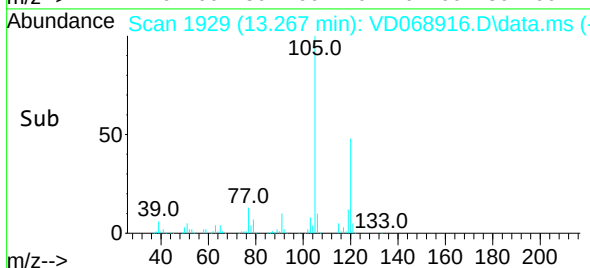
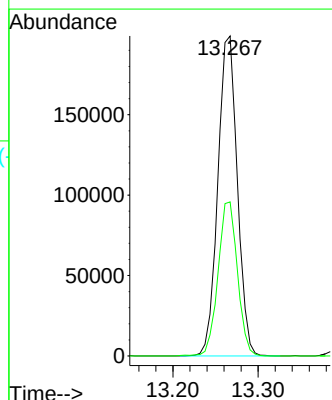
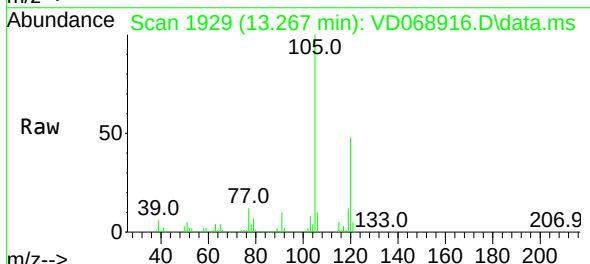
Instrument :
MSVOA_D
ClientSampleId :
SB-20-14.5-15.0-DUP

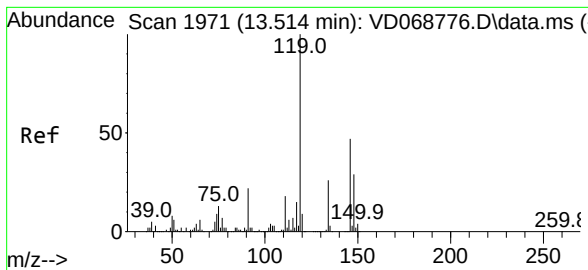
Tgt Ion:	119	Resp:	8133
Ion	Ratio	Lower	Upper
119	100		
91	58.7	31.6	95.0
134	24.1	13.4	40.2



#84
1,2,4-Trimethylbenzene
Concen: 36.65 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068916.D
Acq: 20 Apr 2021 11:43

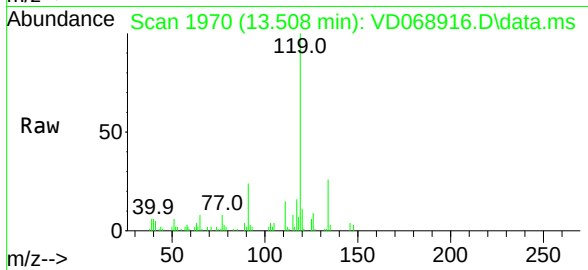
Tgt Ion:	105	Resp:	315386
Ion	Ratio	Lower	Upper
105	100		
120	48.1	22.6	67.7





#86
 p-Isopropyltoluene
 Concen: 3.04 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: VD068916.D
 Acq: 20 Apr 2021 11:43

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20-14.5-15.0-DUP



Tgt Ion:	119	Resp:	28372
Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.3	39.9
91	0.0	11.1	33.1#

