

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111120\
 Data File : VD067598.D
 Acq On : 11 Nov 2020 13:19
 Operator : VA/SY
 Sample : L4702-03
 Misc : 5.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-6(0-10)

Quant Time: Nov 12 00:38:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	300057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	504928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	536895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	154197	58.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.54%	
35) Dibromofluoromethane	7.92	113	161318	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	10.34	98	609136	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
62) 4-Bromofluorobenzene	12.64	95	241826	65.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.04%	

Target Compounds

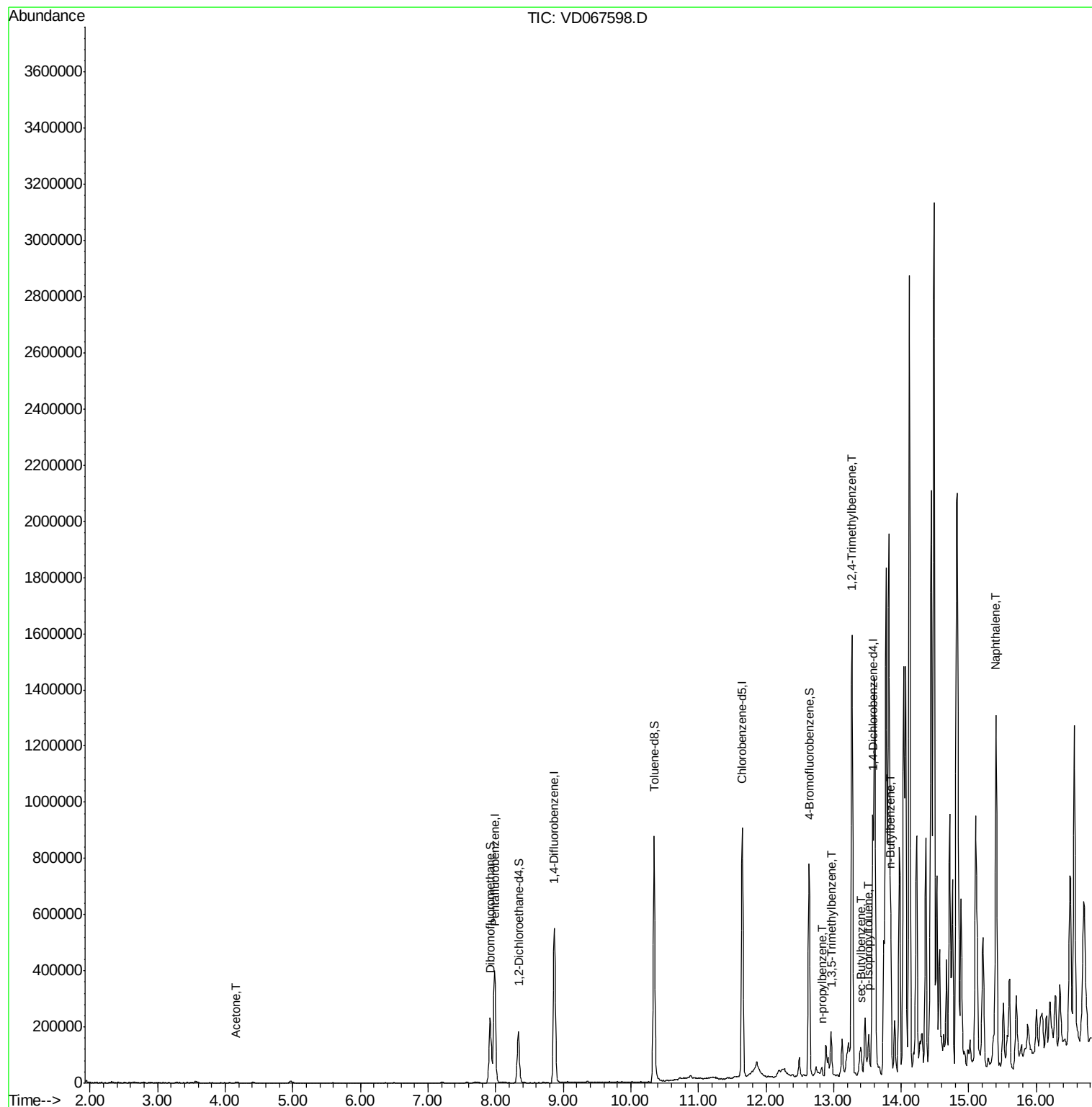
						Qvalue
16) Acetone	4.16	43	4429	11.281	ug/l #	78
78) n-propylbenzene	12.83	91	21055	1.159	ug/l	95
80) 1,3,5-Trimethylbenzene	12.97	105	72847	5.370	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	905735	67.075	ug/l	98
85) sec-Butylbenzene	13.40	105	57538	3.707	ug/l #	58
86) p-Isopropyltoluene	13.52	119	76845	5.127	ug/l	97
89) n-Butylbenzene	13.85	91	222946	17.222	ug/l #	67
95) Naphthalene	15.40	128	1130628	167.601	ug/l	99

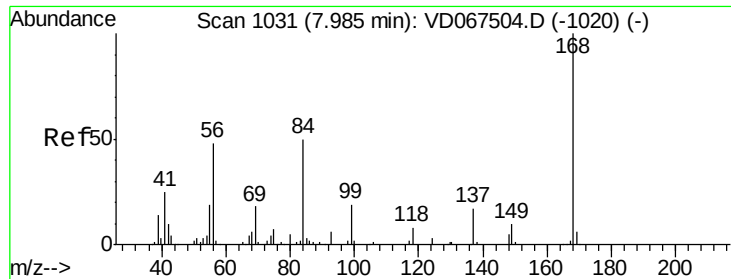
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111120\
Data File : VD067598.D
Acq On : 11 Nov 2020 13:19
Operator : VA/SY
Sample : L4702-03
Misc : 5.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
M-6(0-10)

Quant Time: Nov 12 00:38:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:56:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067598.D

Acq: 11 Nov 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

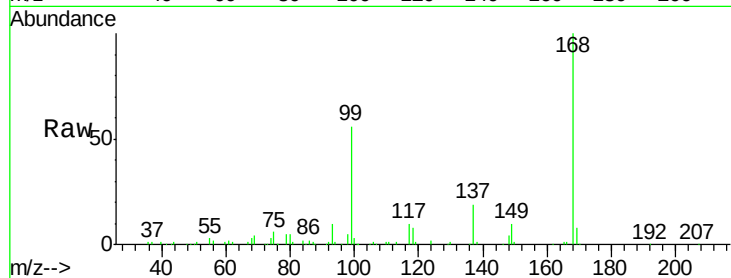
M-6(0-10)

Tot Ion:168 Resp: 300057

Ion Ratio Lower Upper

168 100

99 56.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

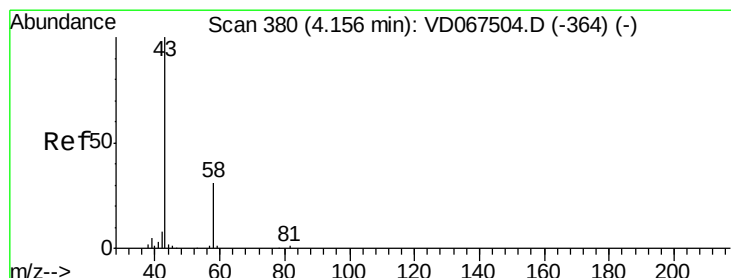
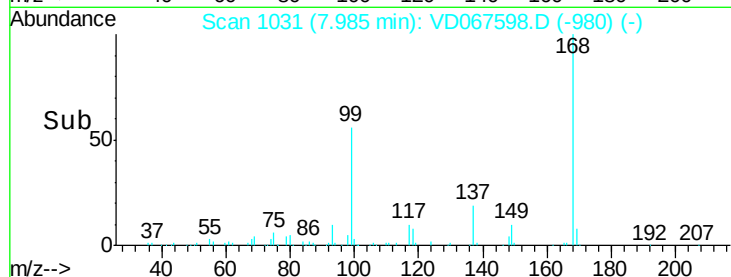
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.281 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067598.D

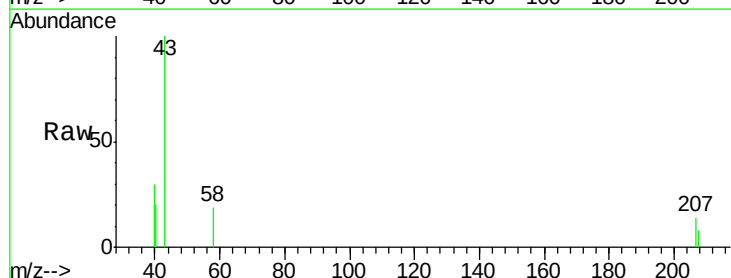
Acq: 11 Nov 2020 13:19

Tgt Ion: 43 Resp: 4429

Ion Ratio Lower Upper

43 100

58 19.2 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2000

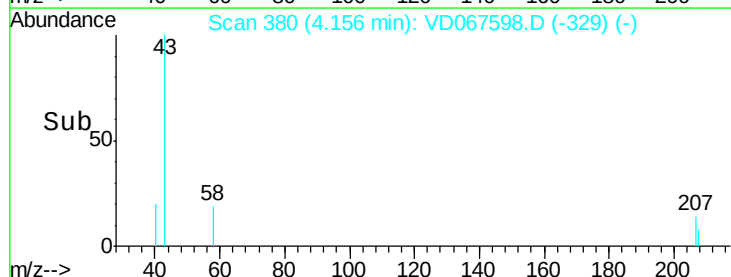
1500

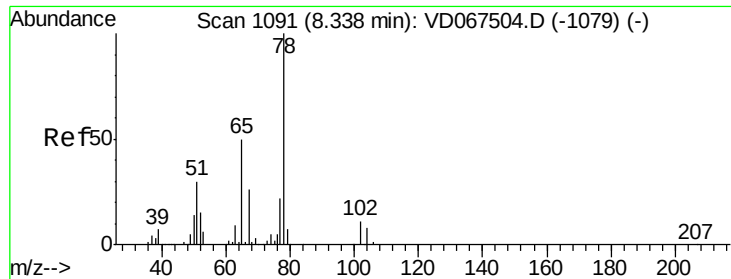
1000

500

0

Time-->

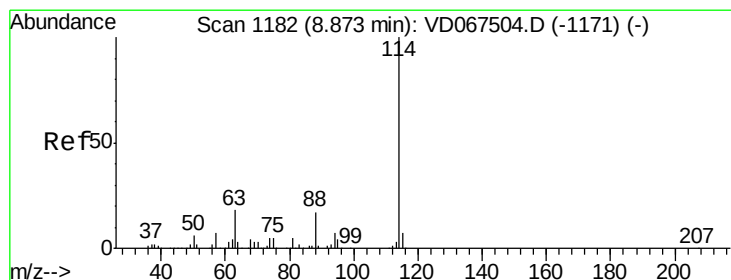
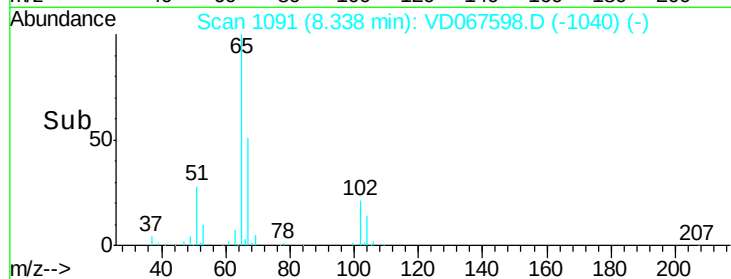
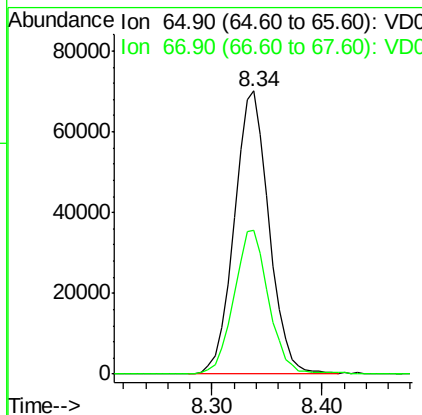
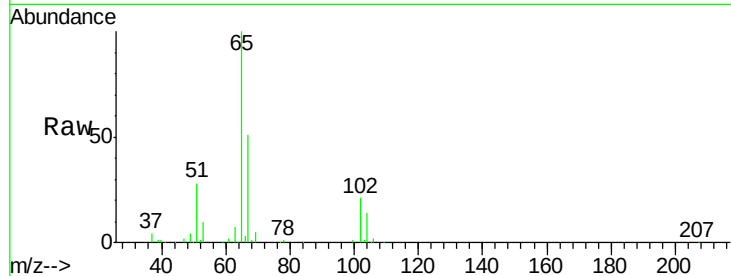




#33
 1,2-Dichloroethane-d4
 Concen: 58.772 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067598.D
 Acq: 11 Nov 2020 13:19

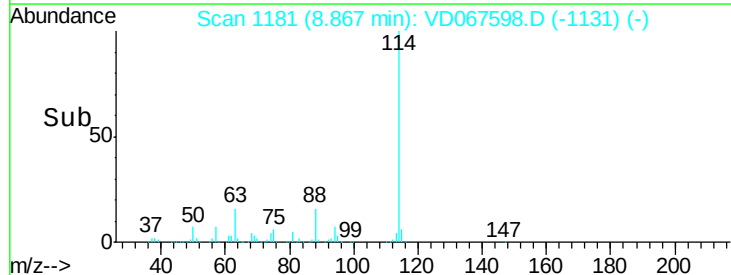
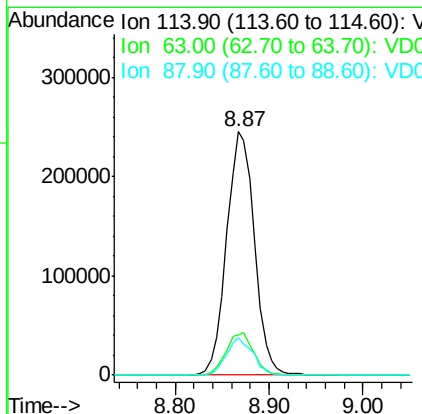
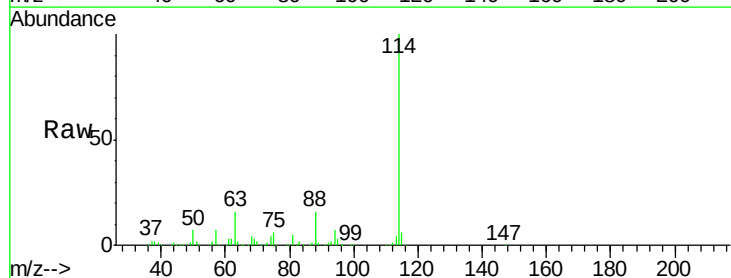
Instrument :
 MSVOA_D
 ClientSampleId :
 M-6(0-10)

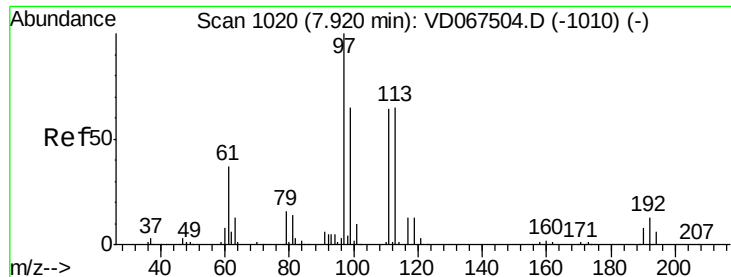
Tot Ion: 65 Resp: 154197
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067598.D
 Acq: 11 Nov 2020 13:19

Tgt Ion: 114 Resp: 504928
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 35.0
 88 15.5 0.0 33.0

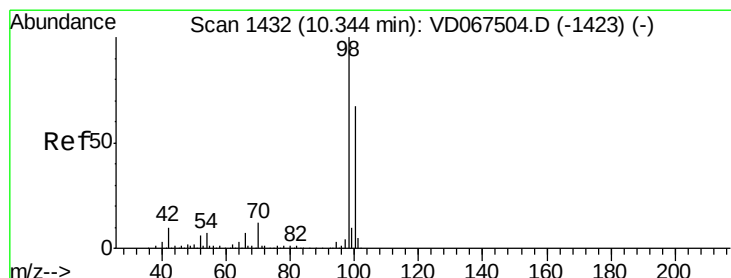
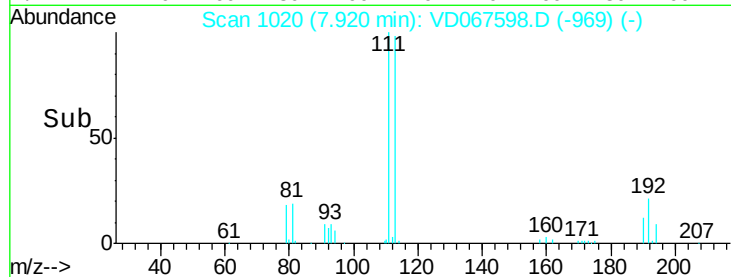
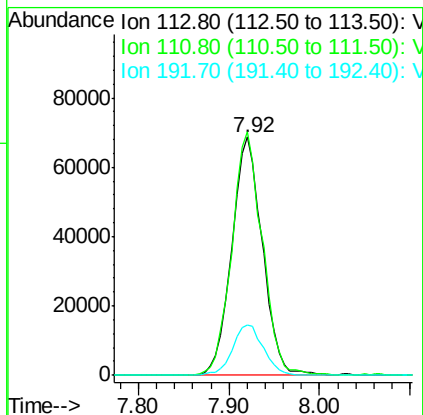
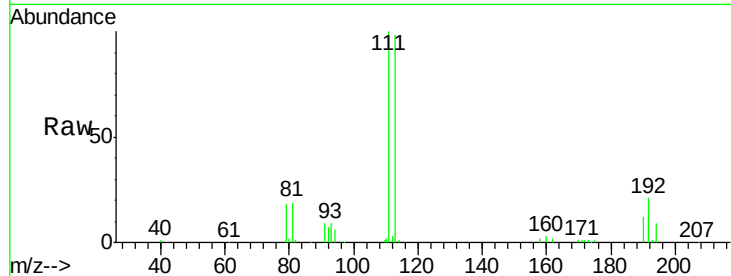




#35
 Dibromofluoromethane
 Concen: 53.027 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067598.D
 Acq: 11 Nov 2020 13:19

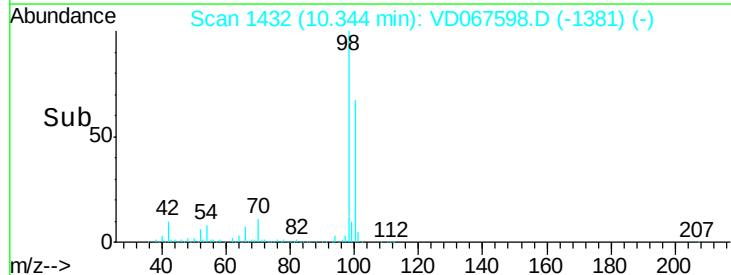
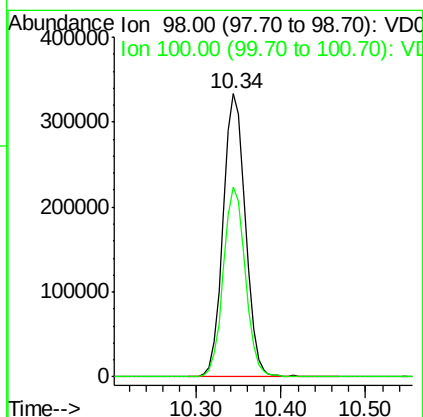
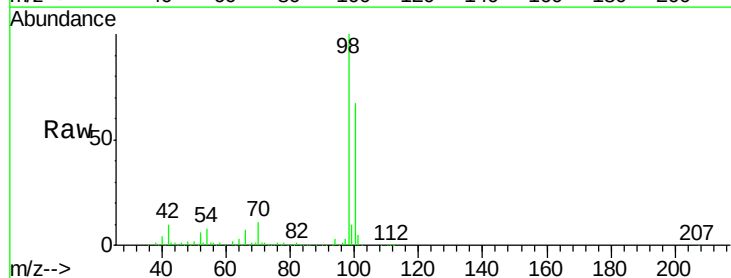
Instrument :
 MSVOA_D
 ClientSampleId :
 M-6(0-10)

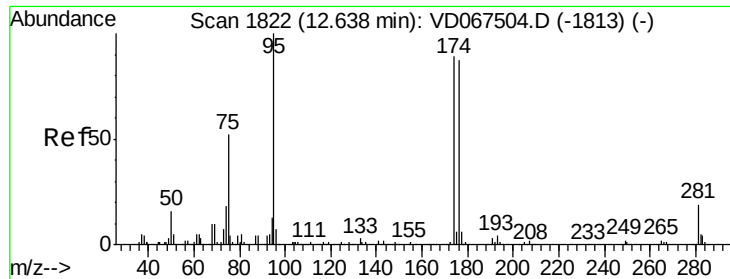
Tot Ion:113 Resp: 161318
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.0 120.0
 192 21.4 16.3 24.5



#50
 Toluene-d8
 Concen: 56.977 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067598.D
 Acq: 11 Nov 2020 13:19

Tgt Ion: 98 Resp: 609136
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.0 79.6

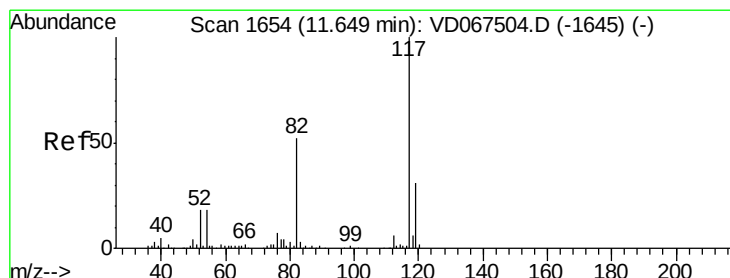
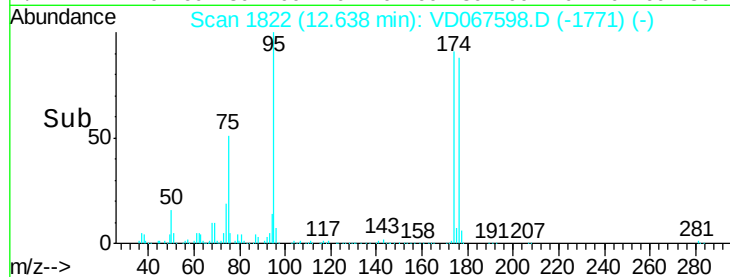
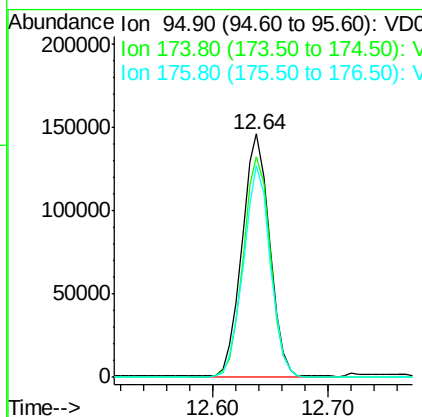
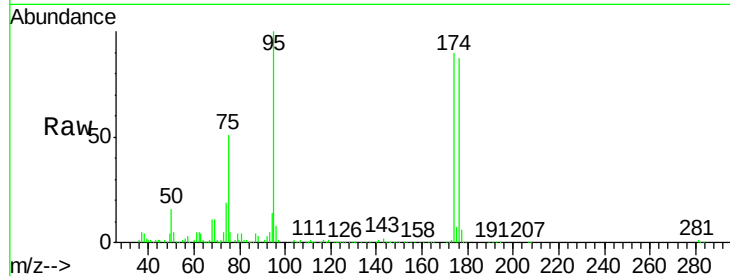




#62
4-Bromofluorobenzene
Concen: 65.518 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067598.D
Acq: 11 Nov 2020 13:19

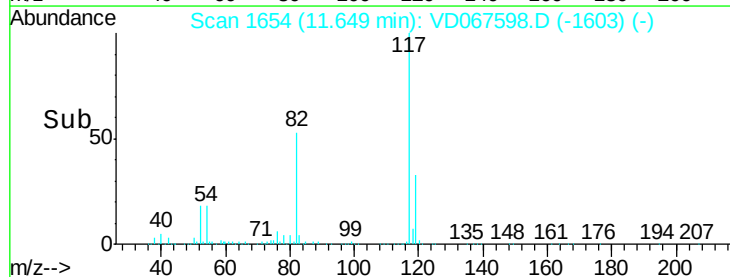
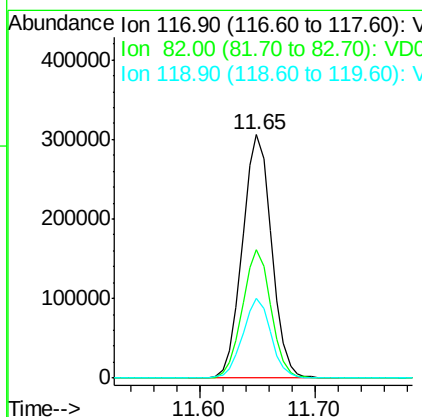
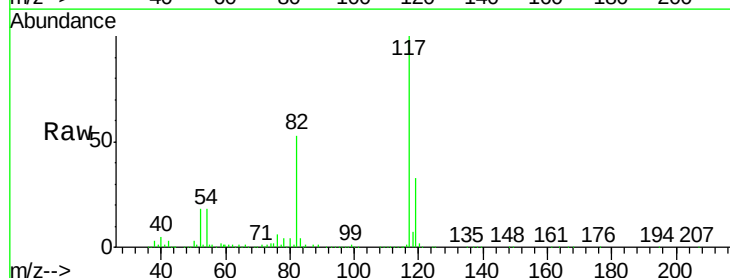
Instrument :
MSVOA_D
ClientSampleId :
M-6(0-10)

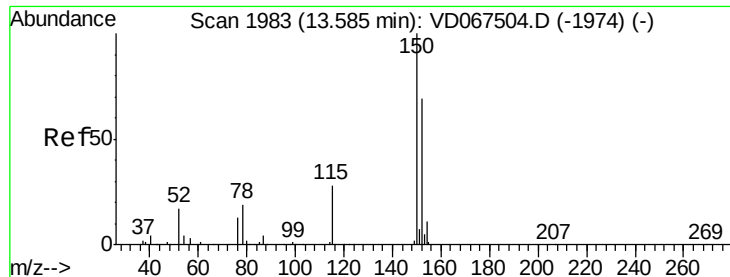
Tot Ion: 95 Resp: 241826
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.8
176 85.3 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067598.D
Acq: 11 Nov 2020 13:19

Tgt Ion: 117 Resp: 536895
Ion Ratio Lower Upper
117 100
82 52.9 41.6 62.4
119 32.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067598.D

Acq: 11 Nov 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

M-6(0-10)

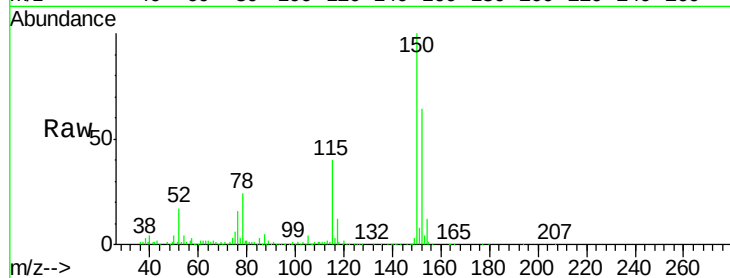
Tot Ion:152 Resp: 245714

Ion Ratio Lower Upper

152 100

115 73.8 29.3 88.0

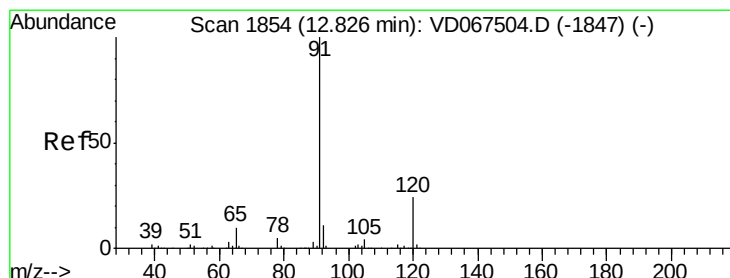
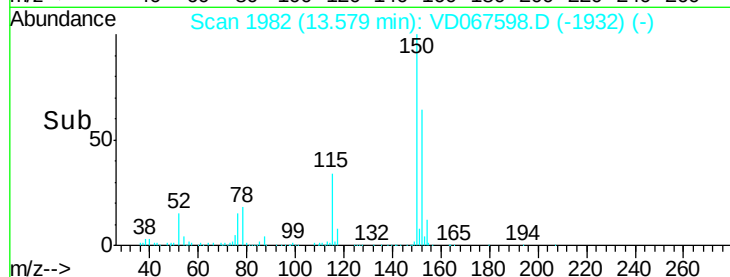
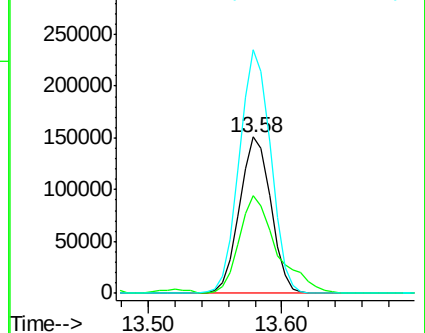
150 156.0 0.0 338.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 1.159 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067598.D

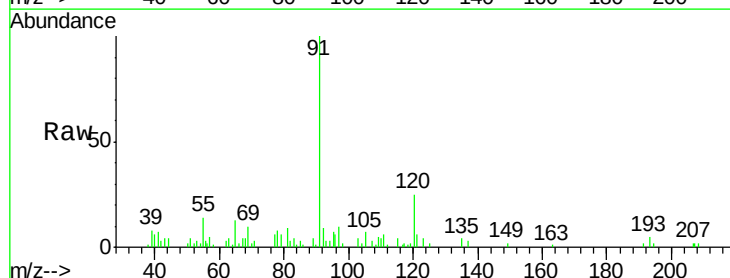
Acq: 11 Nov 2020 13:19

Tgt Ion: 91 Resp: 21055

Ion Ratio Lower Upper

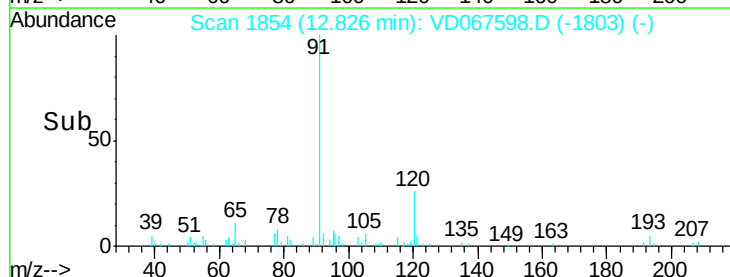
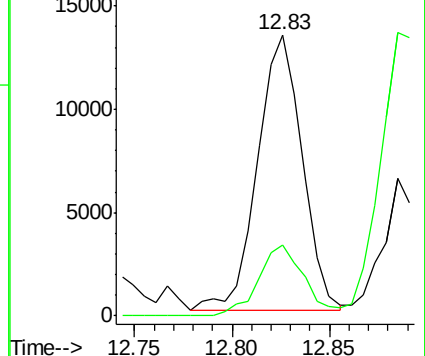
91 100

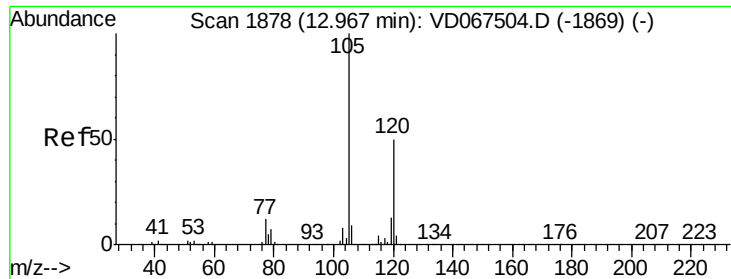
120 26.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 5.370 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067598.D

Acq: 11 Nov 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

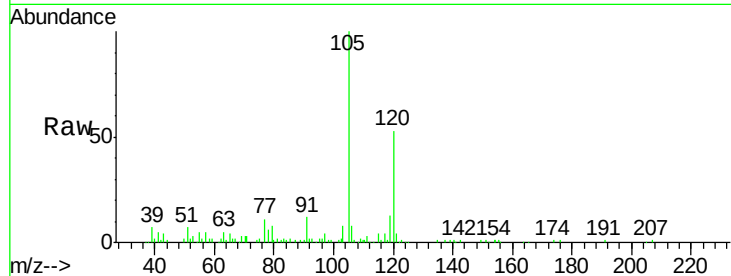
M-6(0-10)

Tot Ion:105 Resp: 72847

Ion Ratio Lower Upper

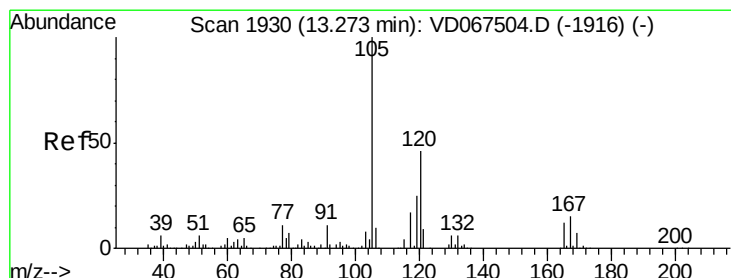
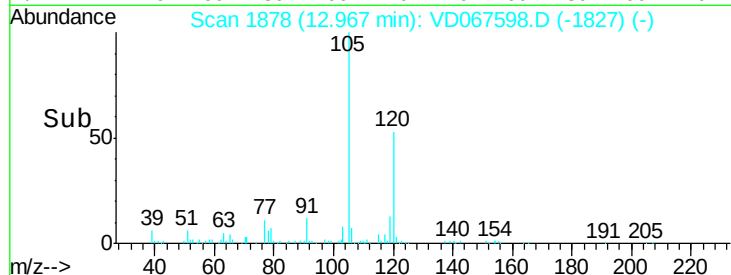
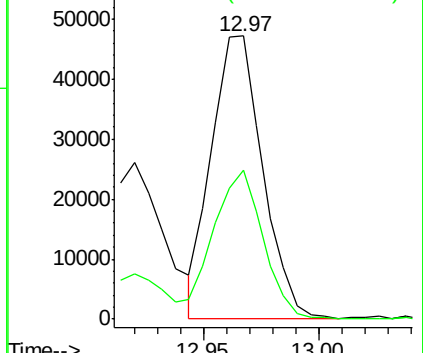
105 100

120 51.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 67.075 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067598.D

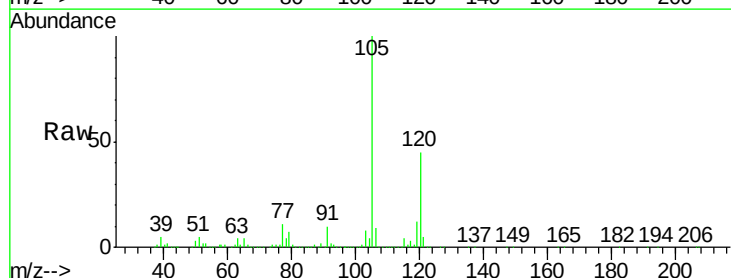
Acq: 11 Nov 2020 13:19

Tgt Ion:105 Resp: 905735

Ion Ratio Lower Upper

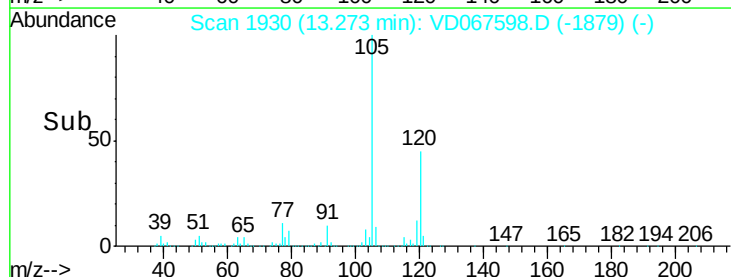
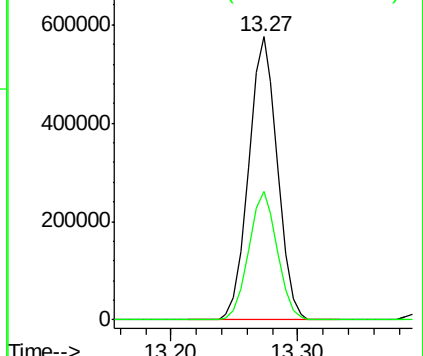
105 100

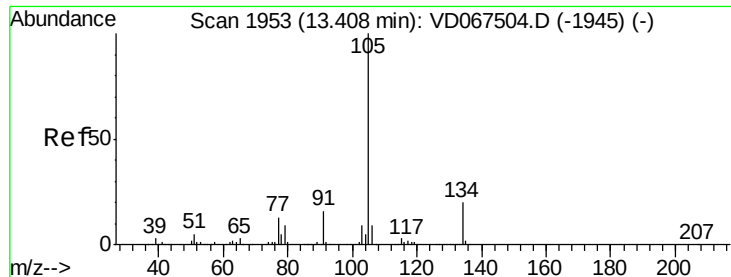
120 45.3 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.707 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067598.D

Acq: 11 Nov 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

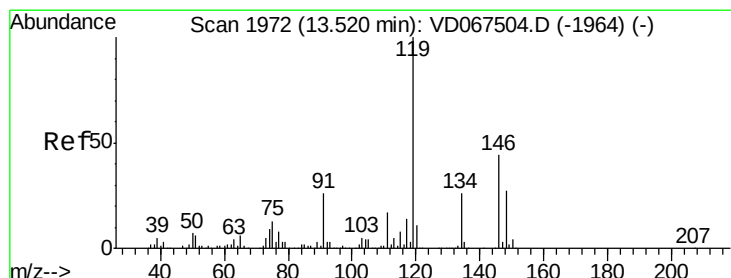
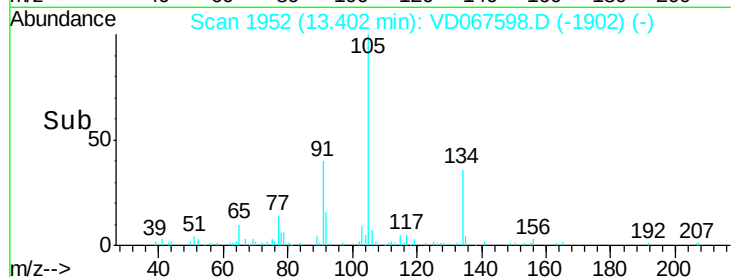
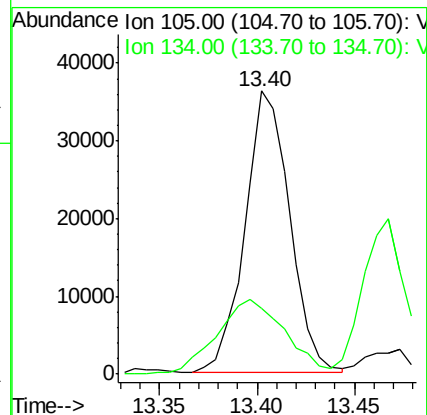
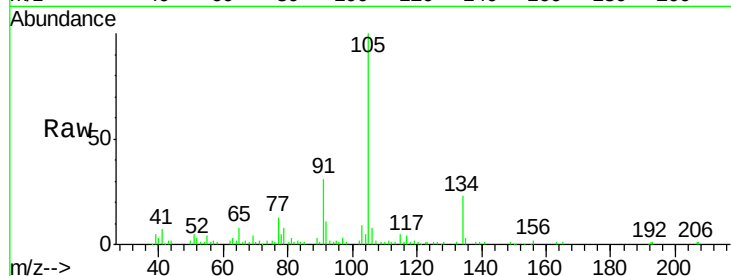
M-6(0-10)

Tot Ion:105 Resp: 57538

Ion Ratio Lower Upper

105 100

134 40.4 10.4 31.4#



#86

p-Isopropyltoluene

Concen: 5.127 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067598.D

Acq: 11 Nov 2020 13:19

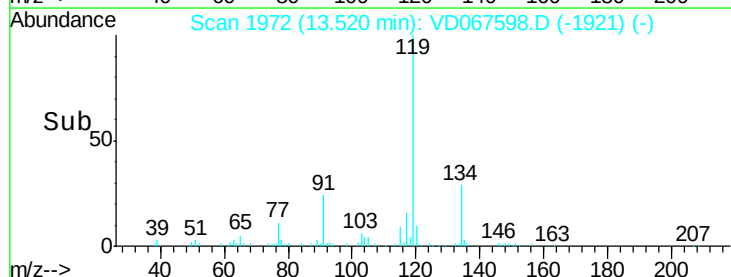
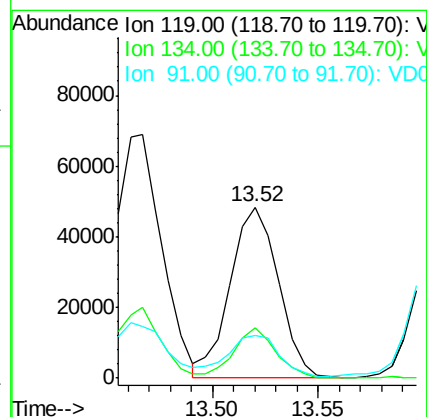
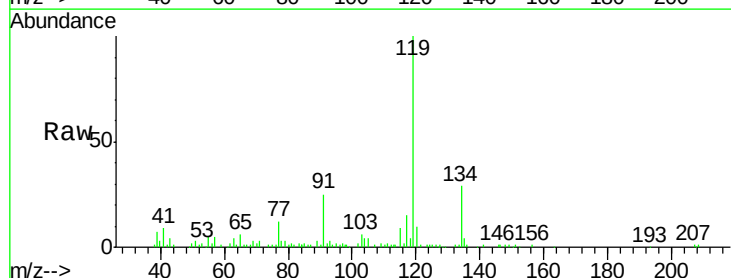
Tgt Ion:119 Resp: 76845

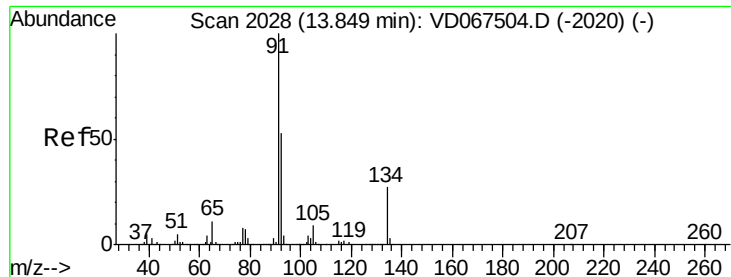
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 26.8 12.2 36.4

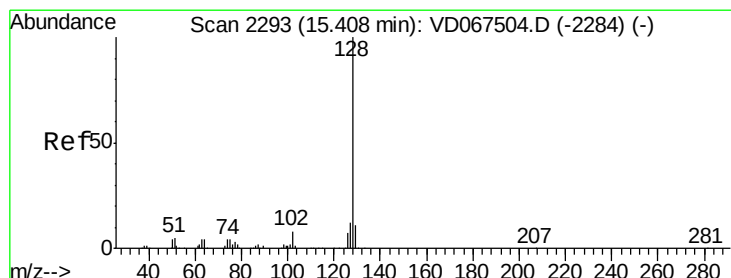
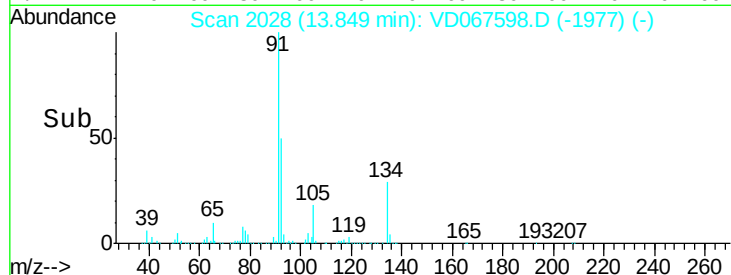
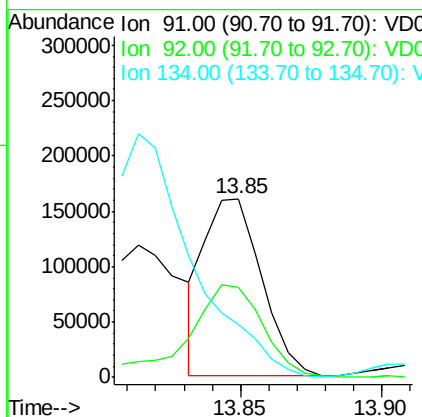
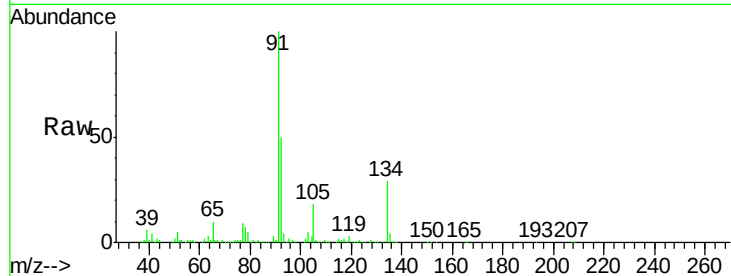




#89
n-Butylbenzene
Concen: 17.222 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067598.D
Acq: 11 Nov 2020 13:19

Instrument :
MSVOA_D
ClientSampled :
M-6(0-10)

Tot Ion: 91 Resp: 222946
Ion Ratio Lower Upper
91 100
92 69.2 26.6 79.8
134 0.0 14.1 42.2#



#95
Naphthalene
Concen: 167.601 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067598.D
Acq: 11 Nov 2020 13:19

Tgt Ion: 128 Resp: 1130628
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.9 13.3

