

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067753.D
 Acq On : 23 Nov 2020 18:38
 Operator : VA/SY
 Sample : L4844-01
 Misc : 5.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-112020

Quant Time: Nov 24 01:19:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	185145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	284893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	342361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	188450	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.33	65	102632	57.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.02%	
35) Dibromofluoromethane		7.92	113	93297	51.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.92%	
50) Toluene-d8		10.34	98	350086	52.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.62%	
62) 4-Bromofluorobenzene		12.64	95	159368	70.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.68%	

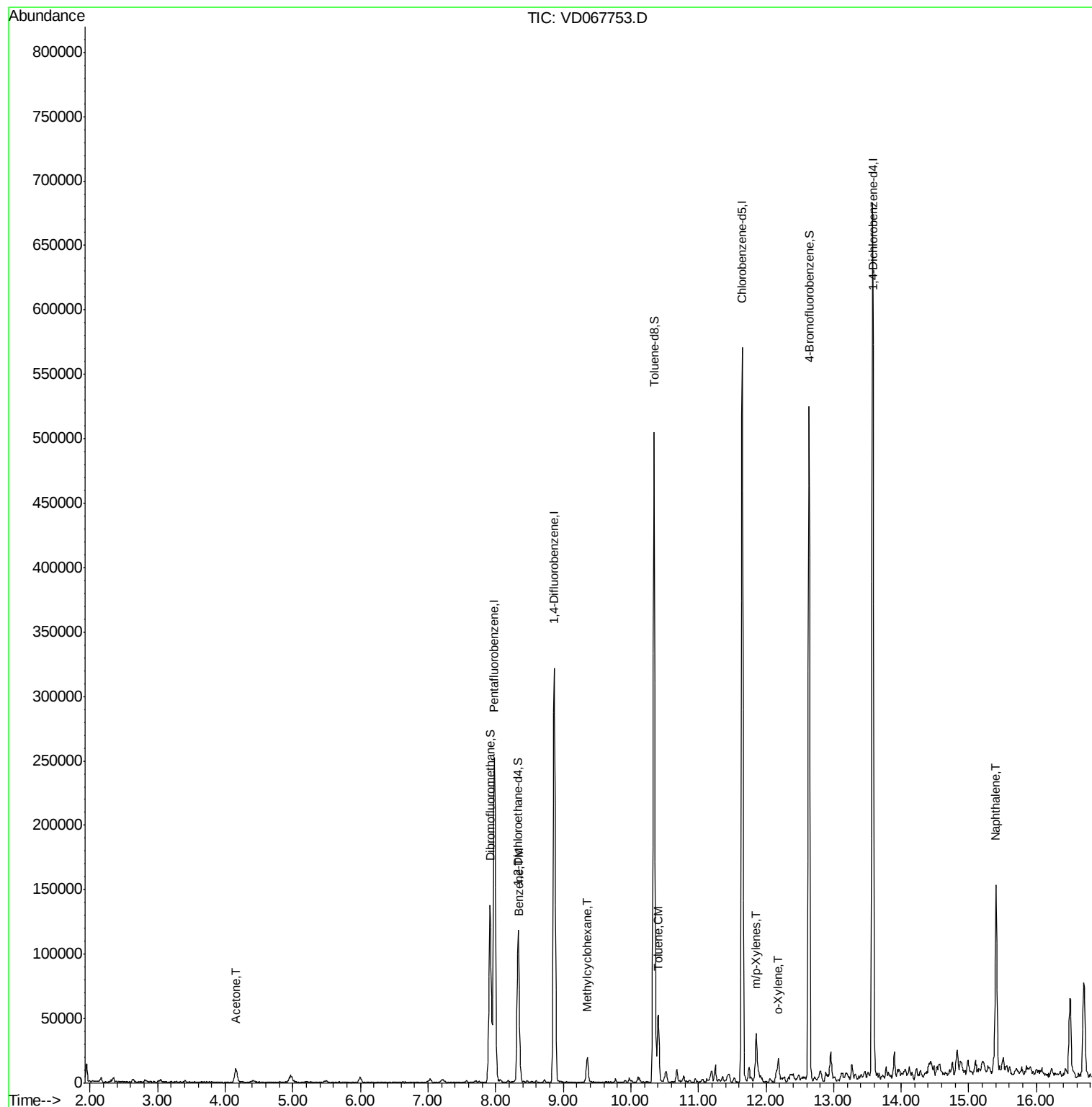
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	17984	77.330	ug/l #	73
39) Methylcyclohexane	9.36	83	8086	2.795	ug/l	94
40) Benzene	8.35	78	6988	1.041	ug/l	98
52) Toluene	10.40	92	22193	4.872	ug/l	95
68) m/p-Xylenes	11.85	106	10414	2.304	ug/l	93
69) o-Xylene	12.18	106	4731	1.149	ug/l	94
95) Naphthalene	15.40	128	138524	23.361	ug/l	99

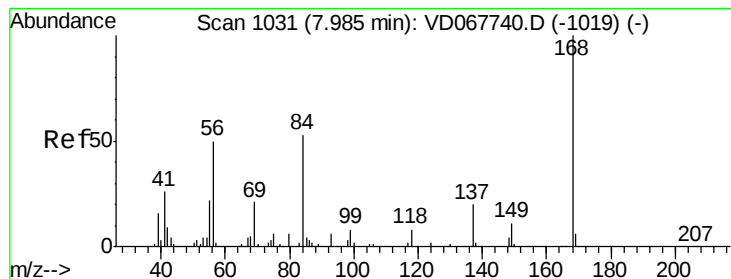
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067753.D

Acq: 23 Nov 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

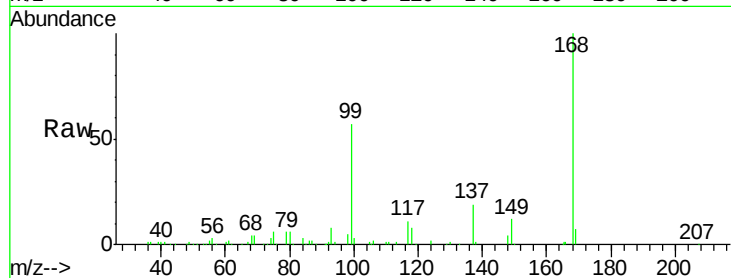
OR-02-112020

Tot Ion:168 Resp: 185145

Ion Ratio Lower Upper

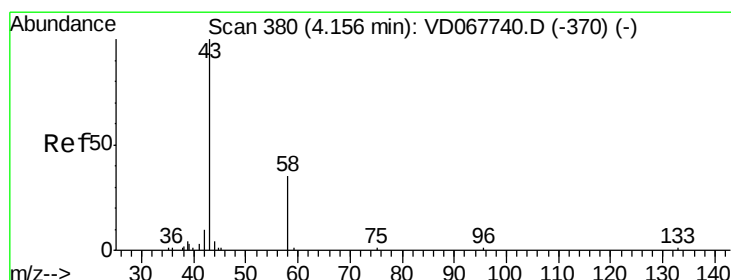
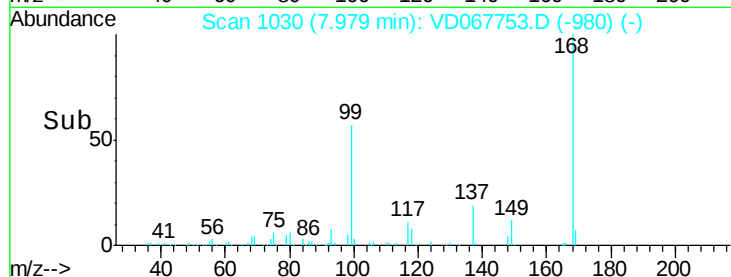
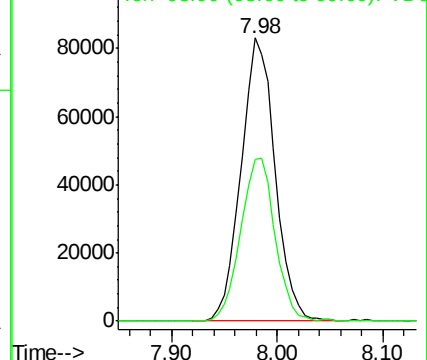
168 100

99 57.1 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 77.330 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067753.D

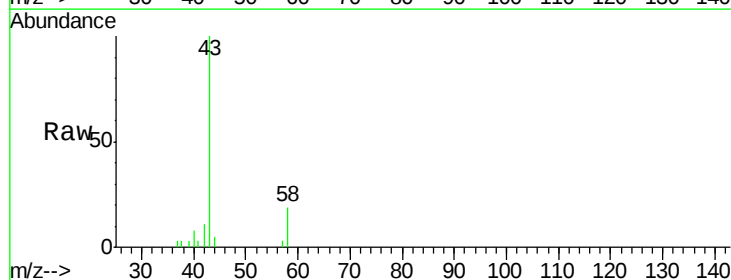
Acq: 23 Nov 2020 18:38

Tgt Ion: 43 Resp: 17984

Ion Ratio Lower Upper

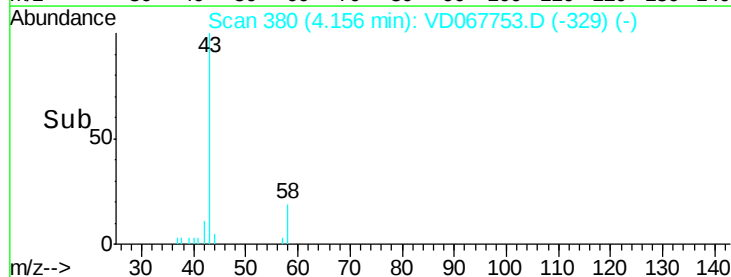
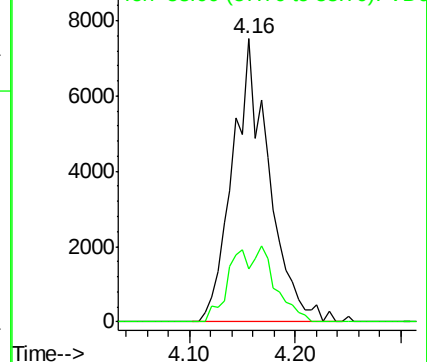
43 100

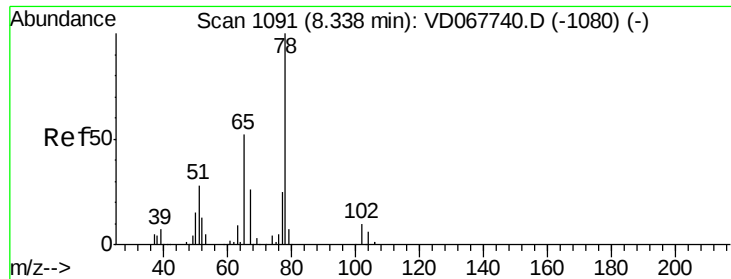
58 18.8 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

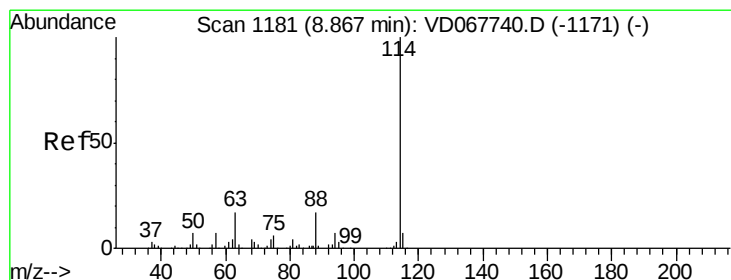
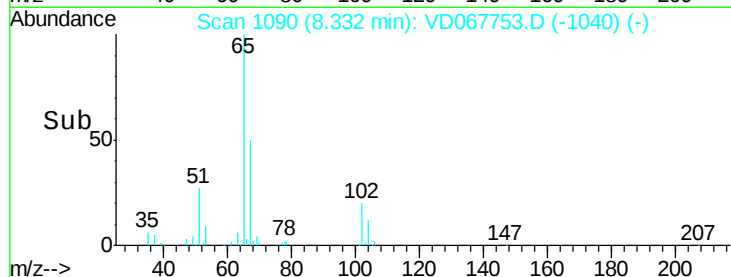
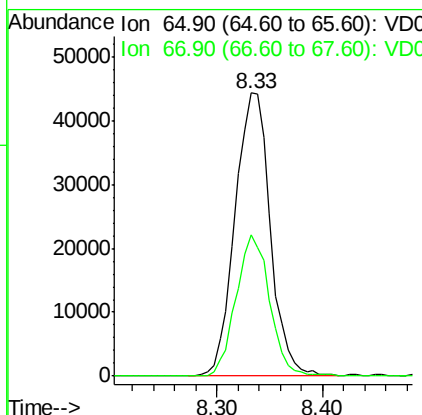
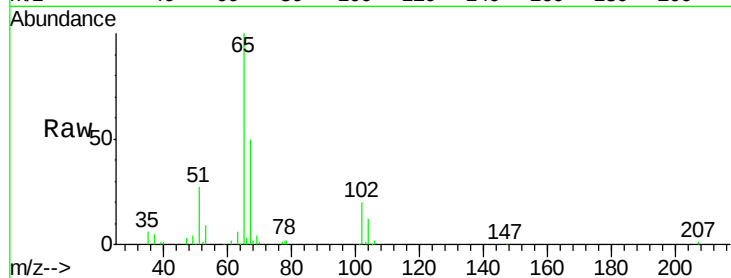




#33
 1,2-Dichloroethane-d4
 Concen: 57.012 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067753.D
 Acq: 23 Nov 2020 18:38

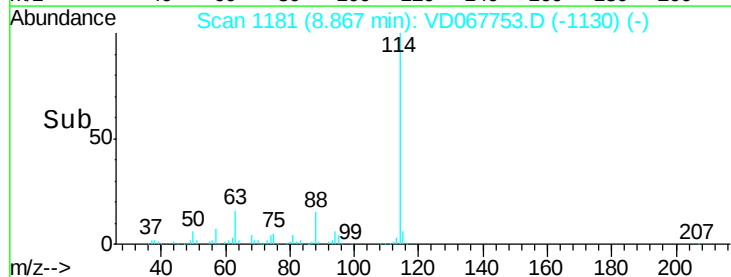
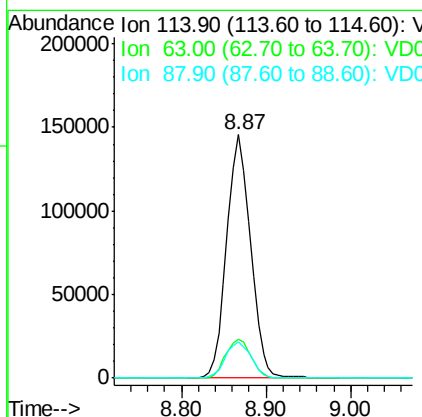
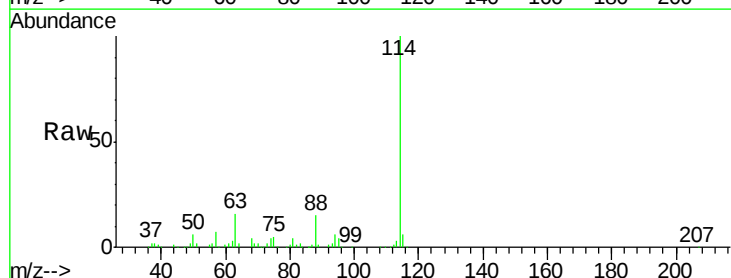
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-112020

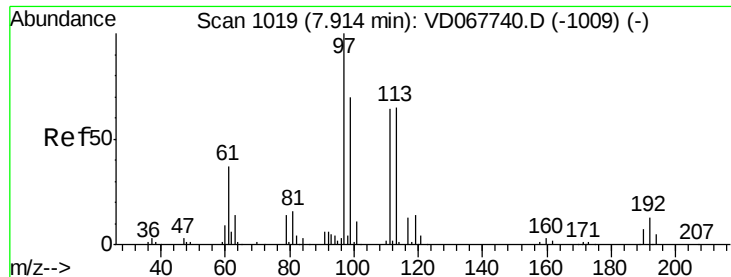
Tot Ion: 65 Resp: 102632
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067753.D
 Acq: 23 Nov 2020 18:38

Tgt Ion: 114 Resp: 284893
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 34.8
 88 14.9 0.0 34.4





#35

Dibromofluoromethane

Concen: 51.459 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067753.D

Acq: 23 Nov 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

OR-02-112020

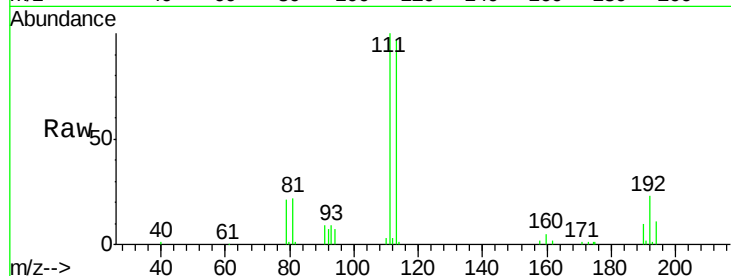
Tot Ion:113 Resp: 93297

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

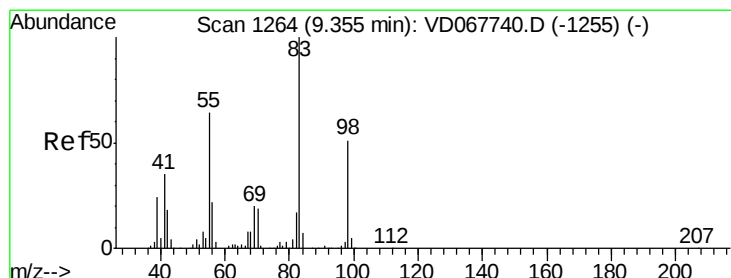
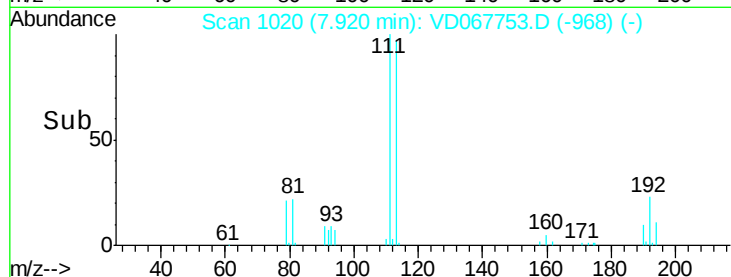
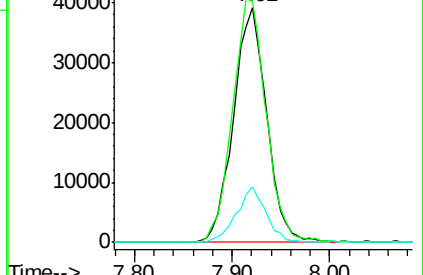
192 20.9 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39

Methylcyclohexane

Concen: 2.795 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VD067753.D

Acq: 23 Nov 2020 18:38

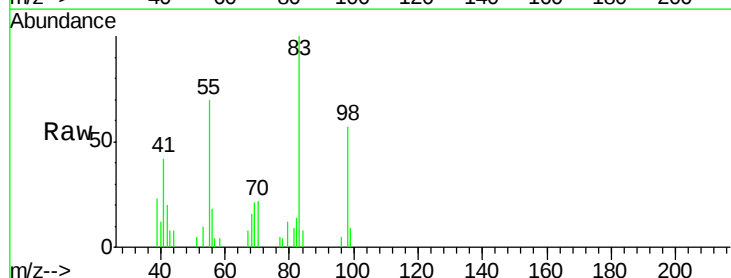
Tgt Ion: 83 Resp: 8086

Ion Ratio Lower Upper

83 100

55 62.0 51.0 76.4

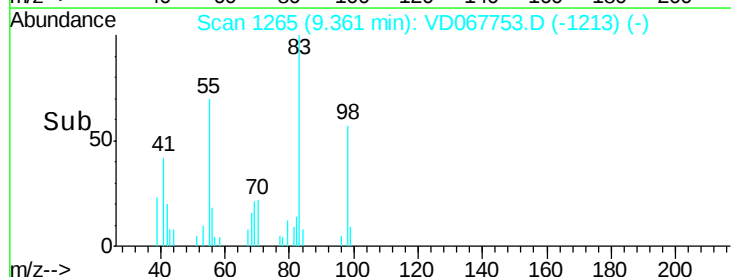
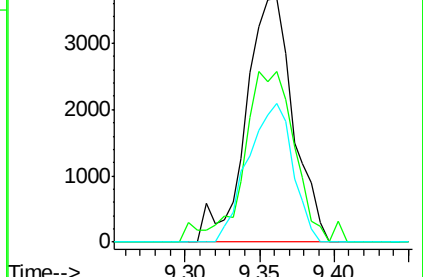
98 57.2 40.4 60.6

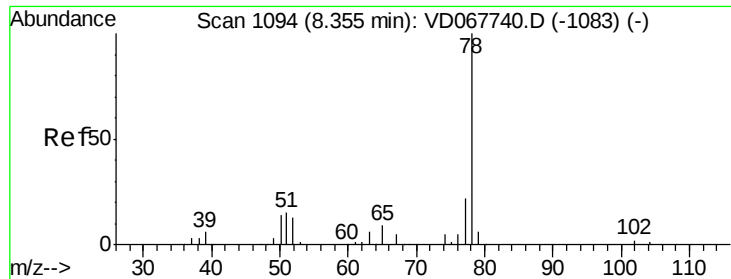


Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC

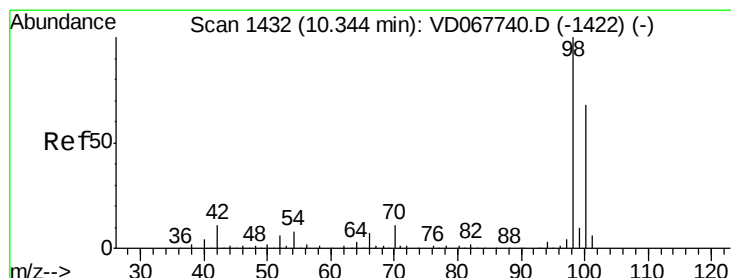
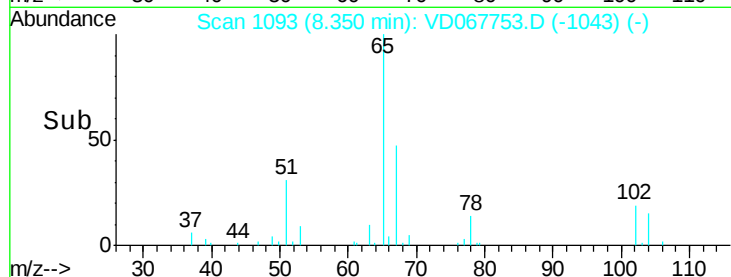
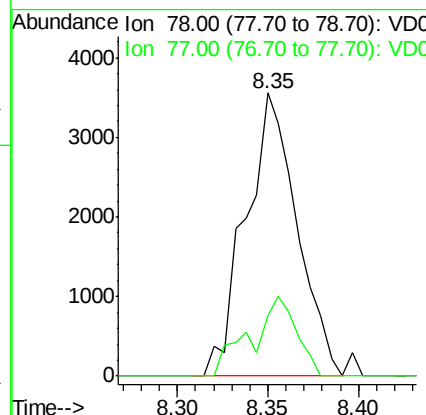
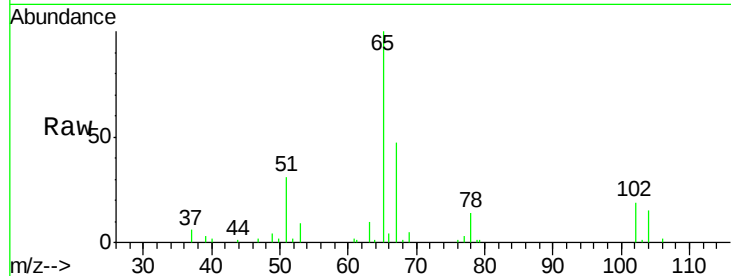




#40
Benzene
Concen: 1.041 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067753.D
Acq: 23 Nov 2020 18:38

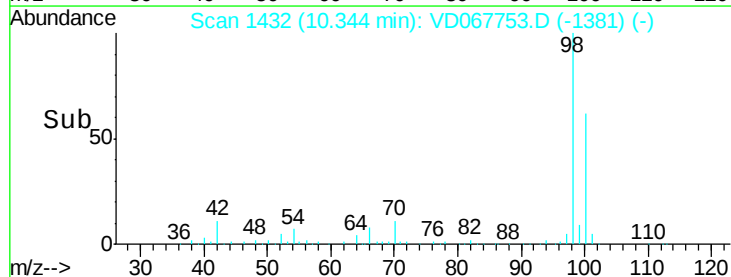
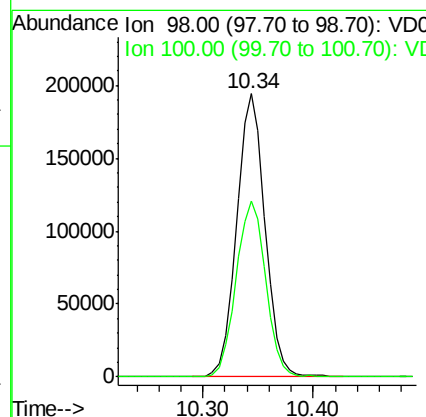
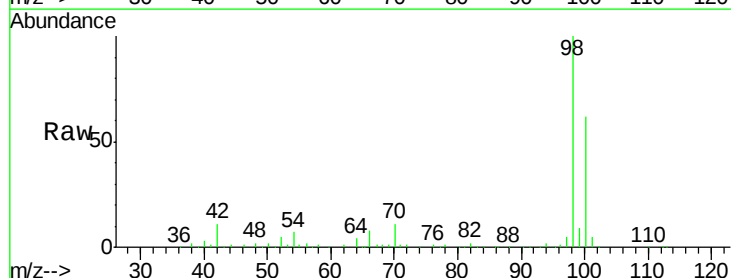
Instrument :
MSVOA_D
ClientSampleId :
OR-02-112020

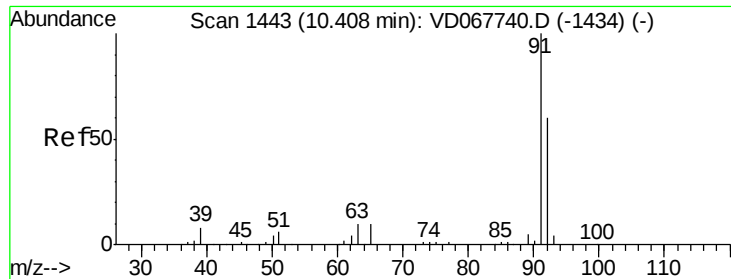
Tot Ion: 78 Resp: 6988
Ion Ratio Lower Upper
78 100
77 21.4 17.8 26.6



#50
Toluene-d8
Concen: 52.814 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067753.D
Acq: 23 Nov 2020 18:38

Tgt Ion: 98 Resp: 350086
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7





#52

Toluene

Concen: 4.872 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD067753.D

Acq: 23 Nov 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

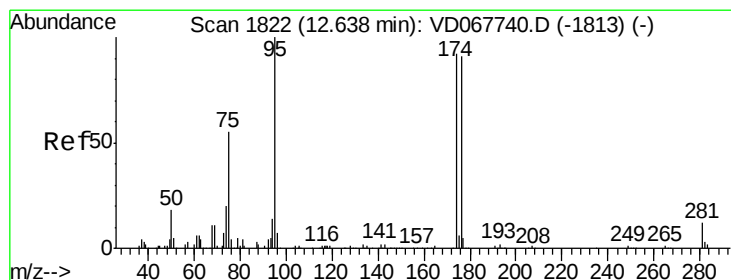
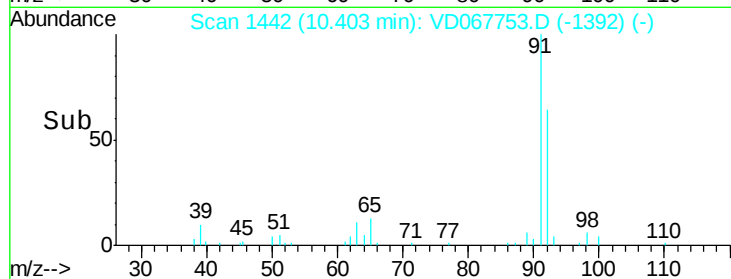
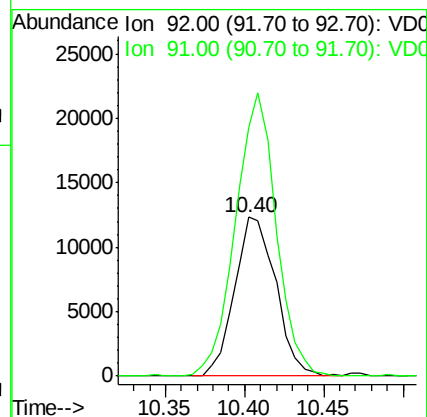
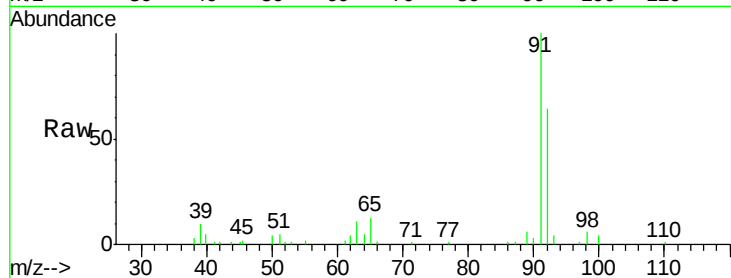
OR-02-112020

Tot Ion: 92 Resp: 22193

Ion Ratio Lower Upper

92 100

91 176.3 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 70.339 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067753.D

Acq: 23 Nov 2020 18:38

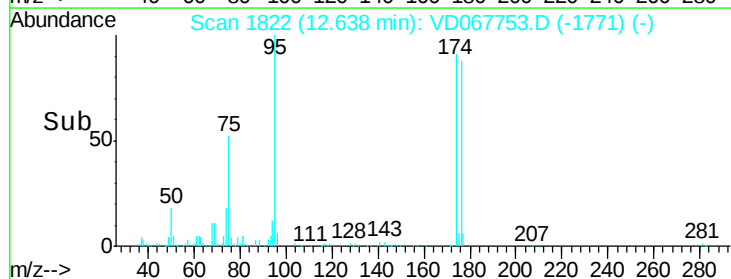
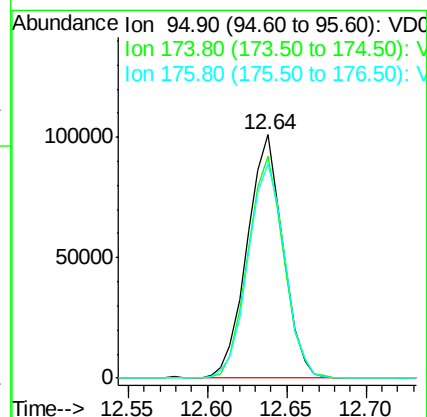
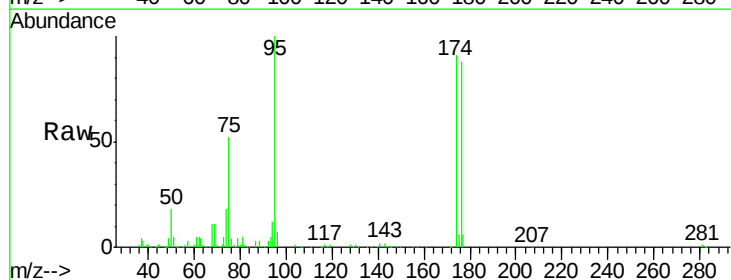
Tgt Ion: 95 Resp: 159368

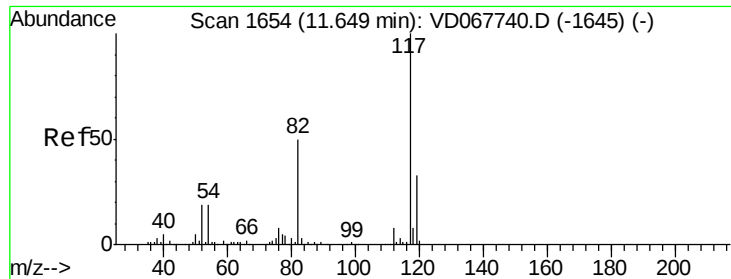
Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.4

176 90.2 0.0 178.2

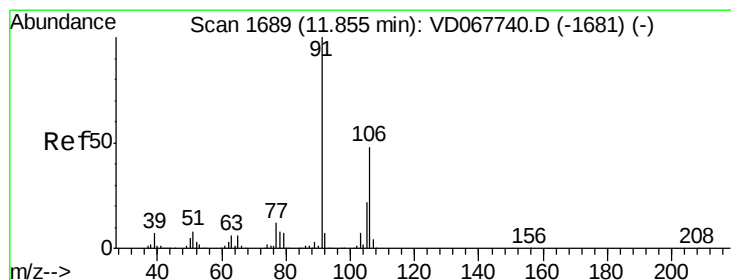
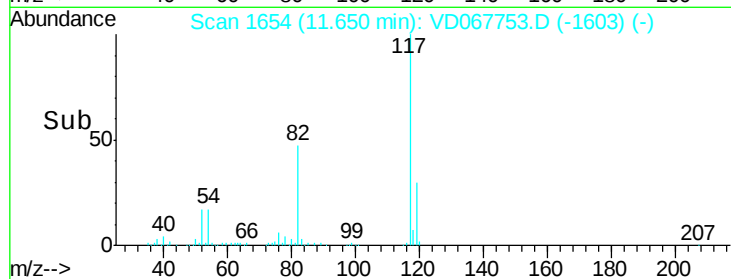
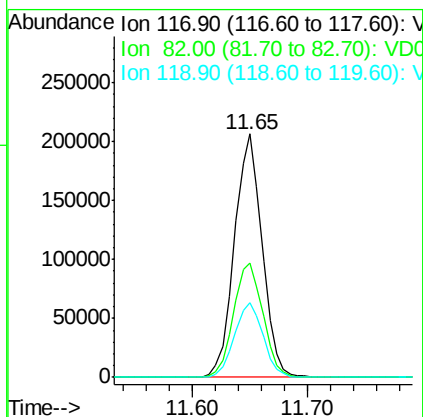
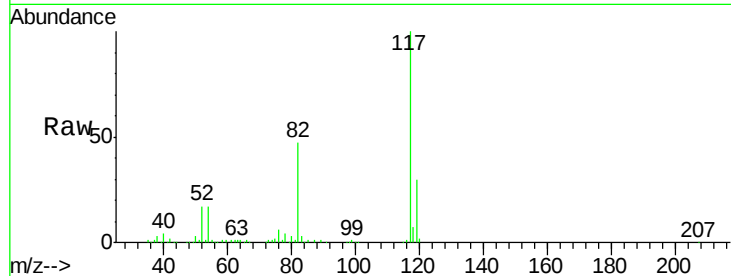




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067753.D
Acq: 23 Nov 2020 18:38

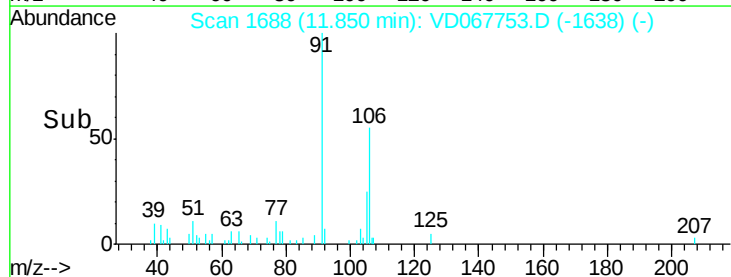
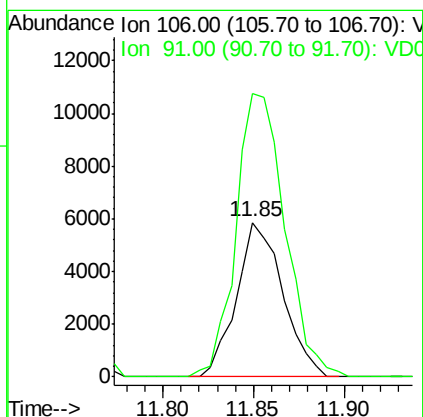
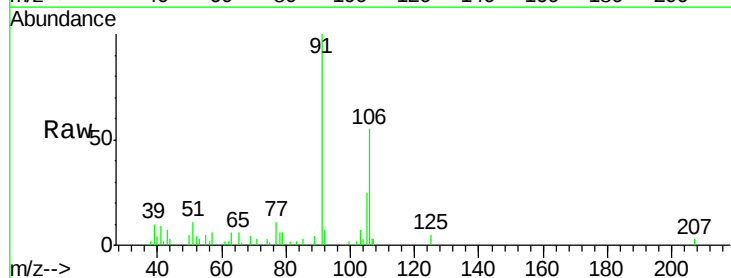
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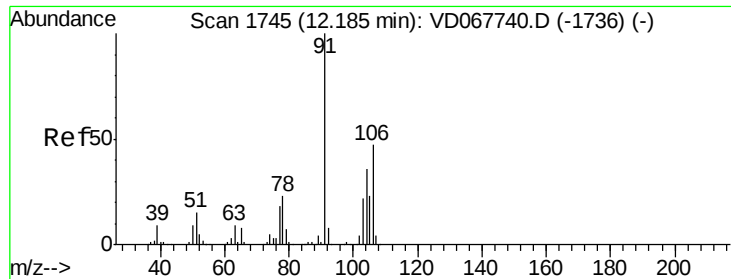
Tot Ion:117 Resp: 342361
Ion Ratio Lower Upper
117 100
82 46.9 40.2 60.4
119 30.5 26.5 39.7



#68
m/p-Xylenes
Concen: 2.304 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067753.D
Acq: 23 Nov 2020 18:38

Tgt Ion:106 Resp: 10414
Ion Ratio Lower Upper
106 100
91 193.3 163.0 244.6

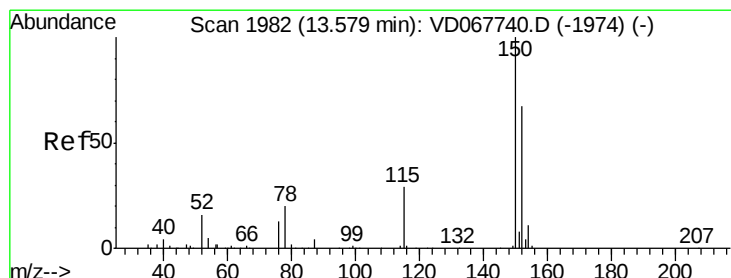
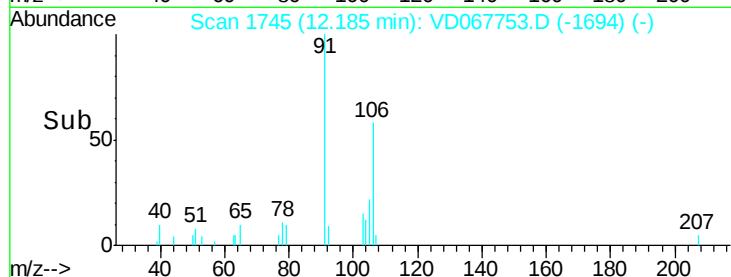
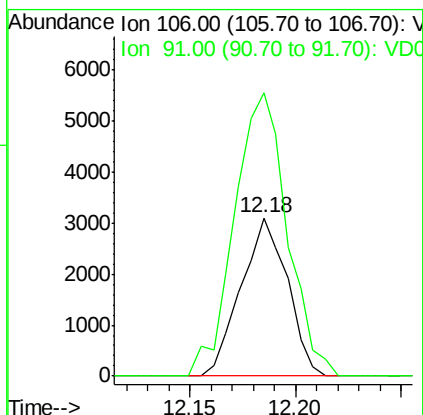
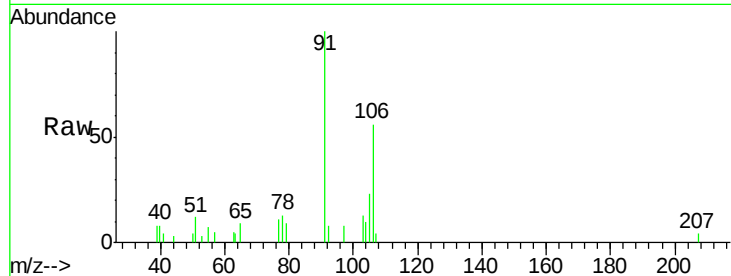




#69
o-Xylene
Concen: 1.149 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067753.D
Acq: 23 Nov 2020 18:38

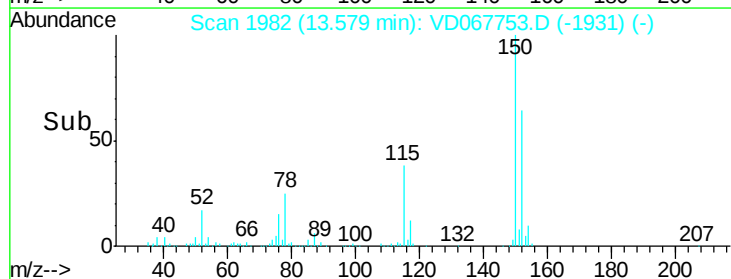
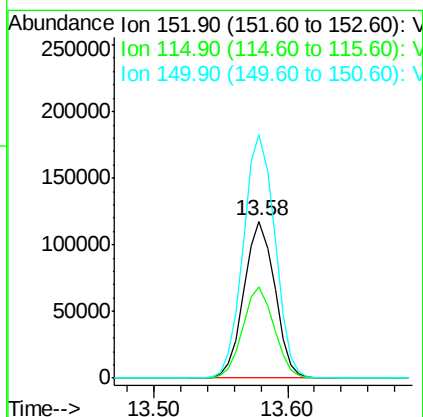
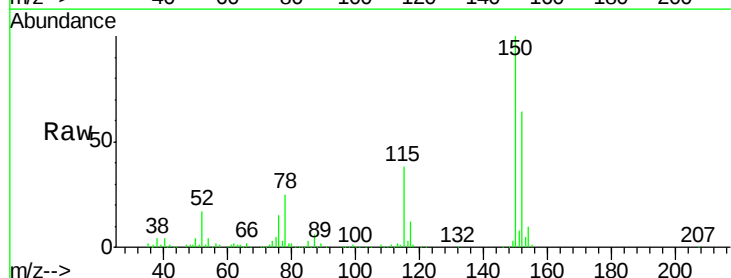
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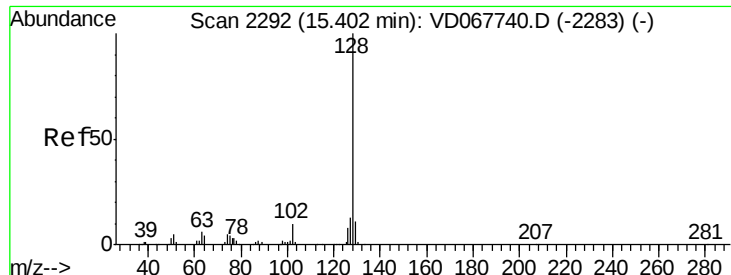
Tot Ion:106 Resp: 4731
Ion Ratio Lower Upper
106 100
91 203.1 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067753.D
Acq: 23 Nov 2020 18:38

Tgt Ion:152 Resp: 188450
Ion Ratio Lower Upper
152 100
115 58.7 29.4 88.3
150 158.4 0.0 340.6





#95

Naphthalene

Concen: 23.361 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VD067753.D

Acq: 23 Nov 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

OR-02-112020

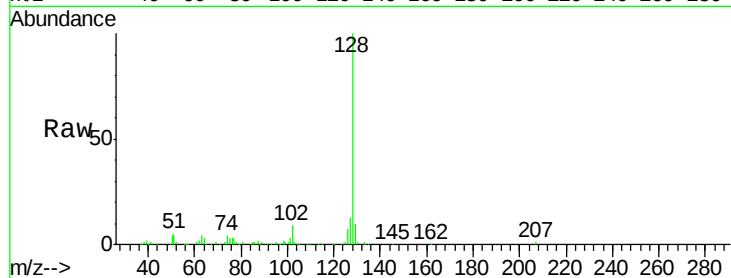
Tot Ion:128 Resp: 138524

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

