

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101420\
 Data File : VD067269.D
 Acq On : 14 Oct 2020 14:22
 Operator : VA/SY
 Sample : L4404-01
 Misc : 7.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHELL-L15-L14-NORTH

Quant Time: Oct 15 06:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	317664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	525158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	485054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	205074	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	170718	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
35) Dibromofluoromethane	7.92	113	175685	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
50) Toluene-d8	10.34	98	621290	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.64	95	208828	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	

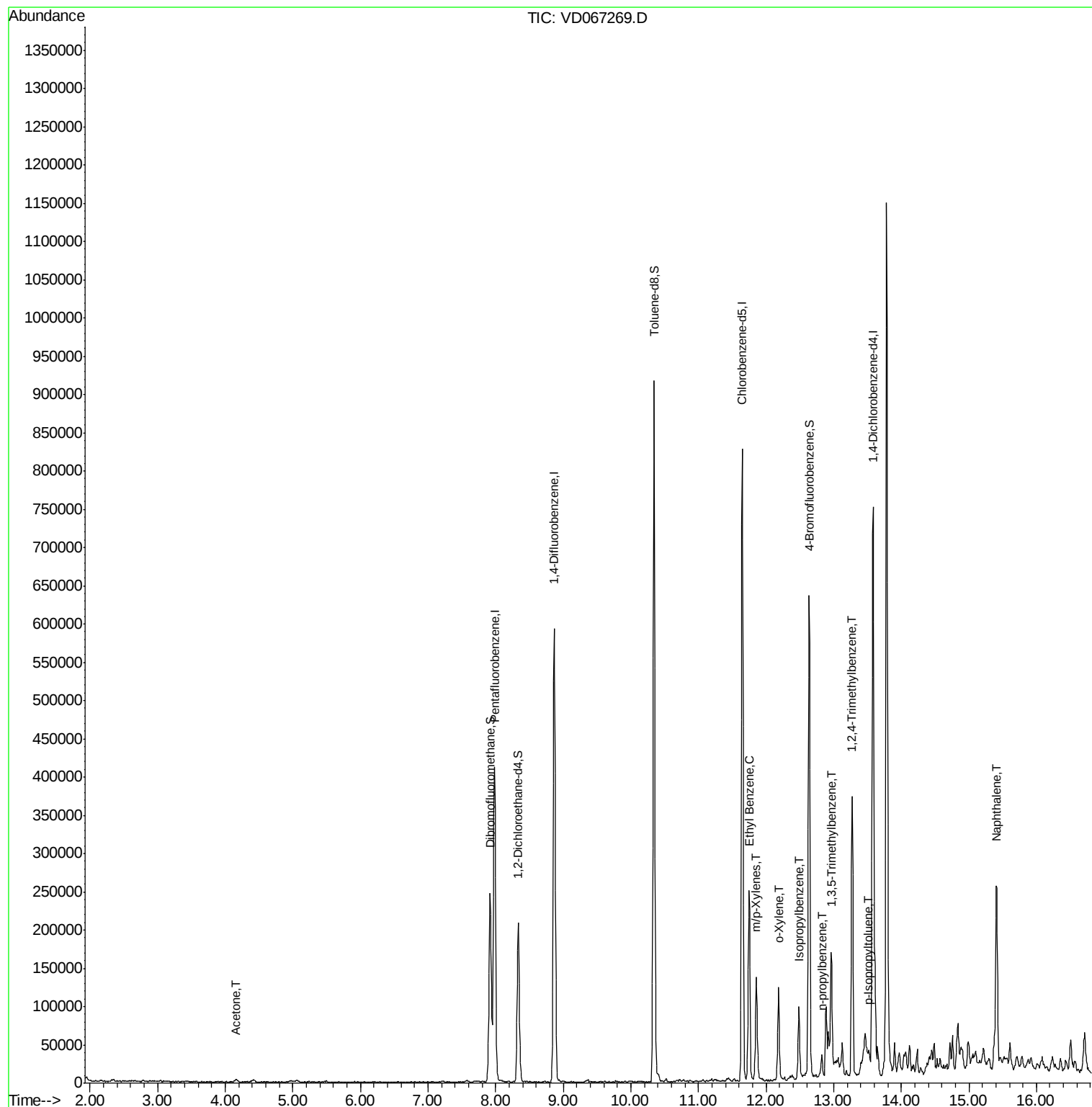
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	7199	16.152	ug/l	94
67) Ethyl Benzene	11.75	91	180753	11.336	ug/l	99
68) m/p-Xylenes	11.86	106	41333	6.732	ug/l	98
69) o-Xylene	12.18	106	32312	5.683	ug/l	98
73) Isopropylbenzene	12.48	105	53920	4.143	ug/l	99
78) n-propylbenzene	12.83	91	20329	1.348	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	82006	7.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	215745	19.300	ug/l	100
86) p-Isopropyltoluene	13.52	119	12724	1.028	ug/l	91
95) Naphthalene	15.41	128	226376	37.481	ug/l	99

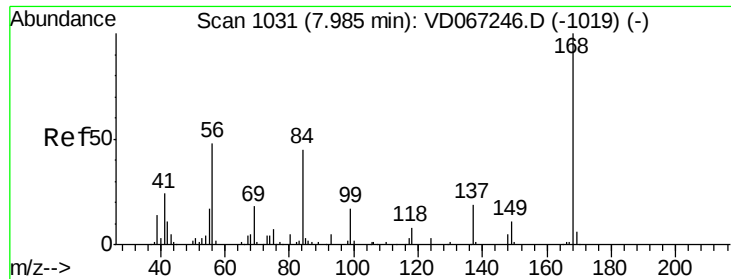
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101420\
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Quant Time: Oct 15 06:41:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 14 03:30:30 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: VD067269.D

Acq: 14 Oct 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

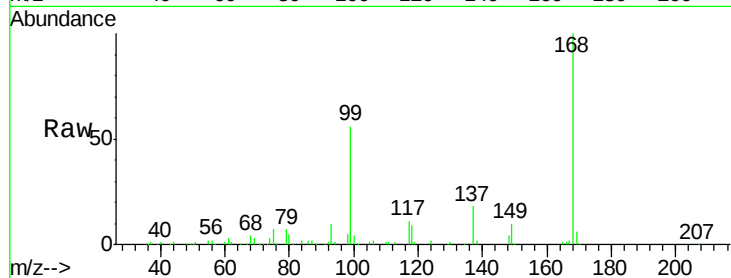
SHELL-L15-L14-NORTH

Tot Ion:168 Resp: 317664

Ion Ratio Lower Upper

168 100

99 56.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

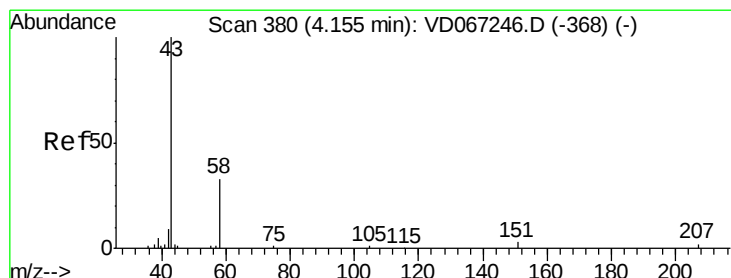
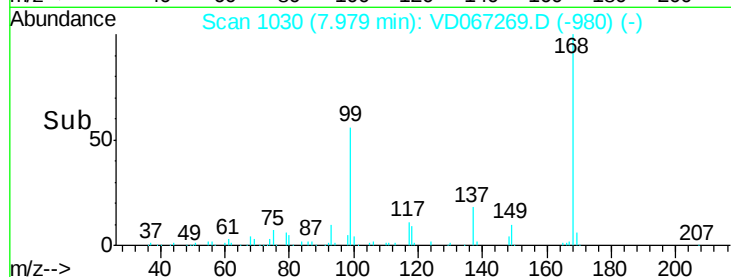
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.152 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067269.D

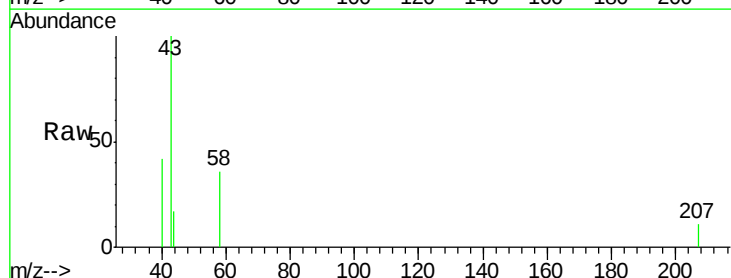
Acq: 14 Oct 2020 14:22

Tgt Ion: 43 Resp: 7199

Ion Ratio Lower Upper

43 100

58 35.8 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2500

2000

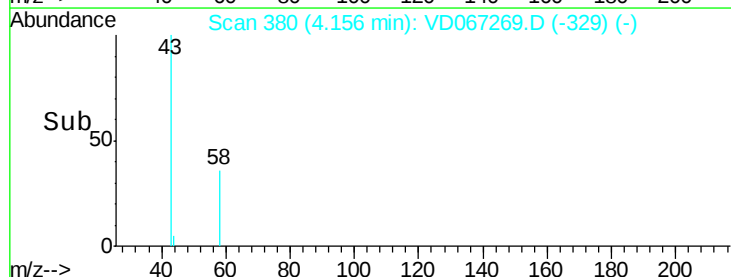
1500

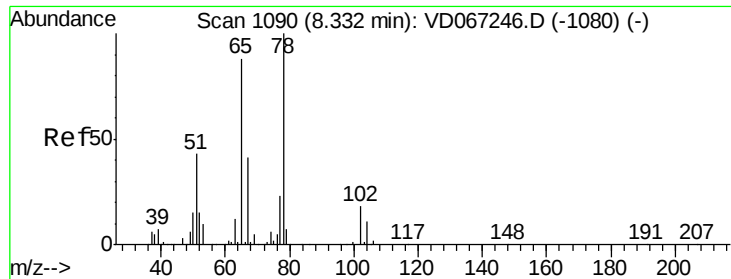
1000

500

0

Time-->

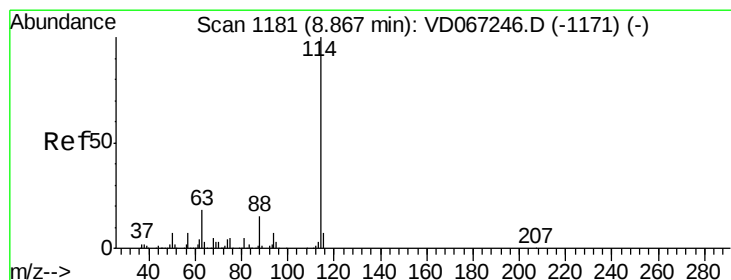
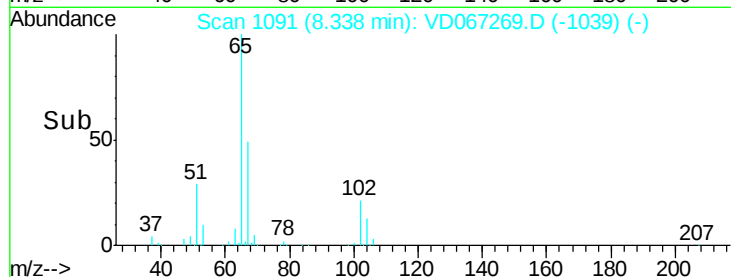
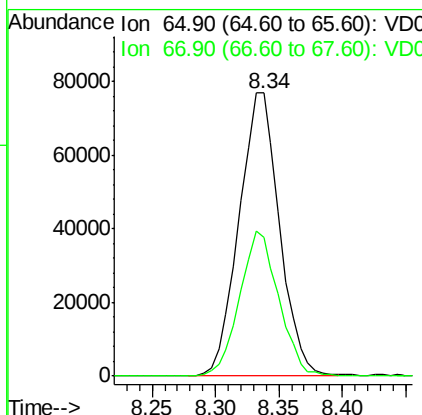
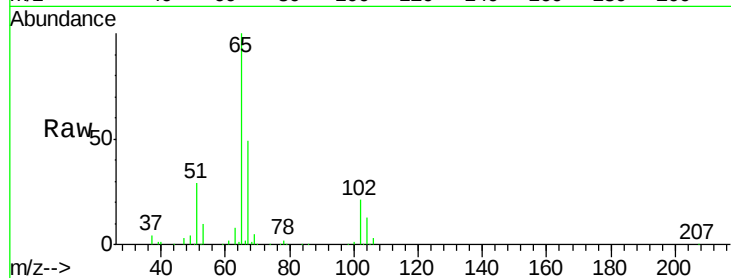




#33
 1,2-Dichloroethane-d4
 Concen: 53.642 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067269.D
 Acq: 14 Oct 2020 14:22

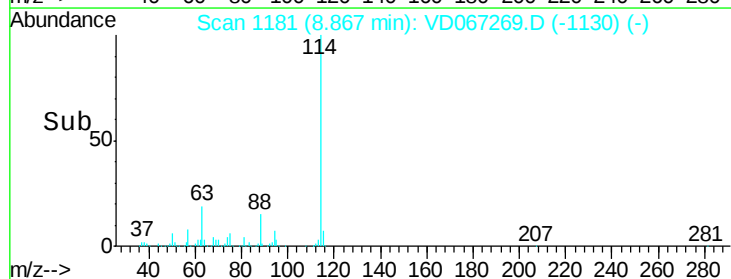
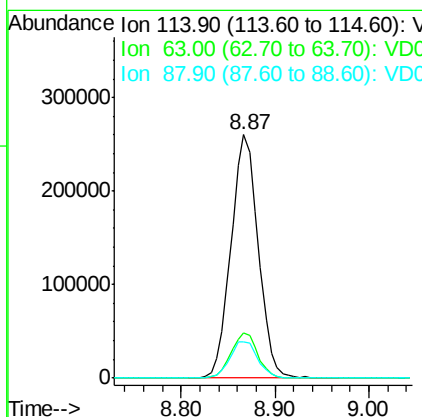
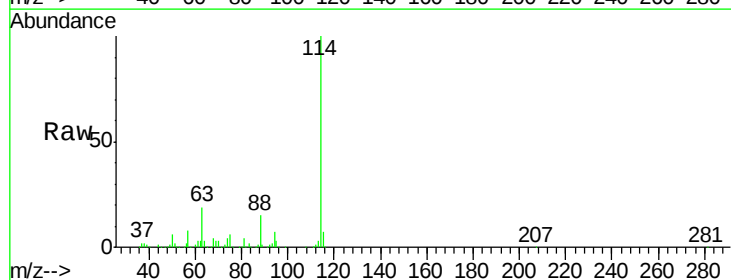
Instrument :
 MSVOA_D
 ClientSampleId :
 SHELL-L15-L14-NORTH

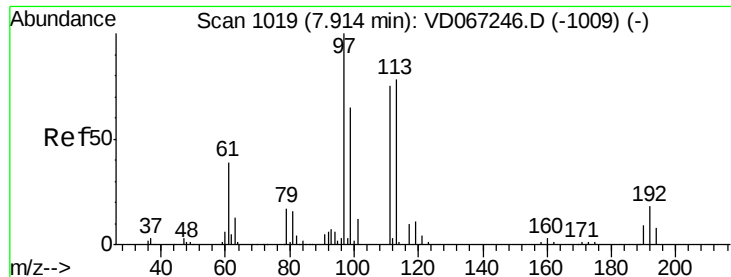
Tot Ion: 65 Resp: 170718
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067269.D
 Acq: 14 Oct 2020 14:22

Tgt Ion: 114 Resp: 525158
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.0
 88 15.1 0.0 30.6

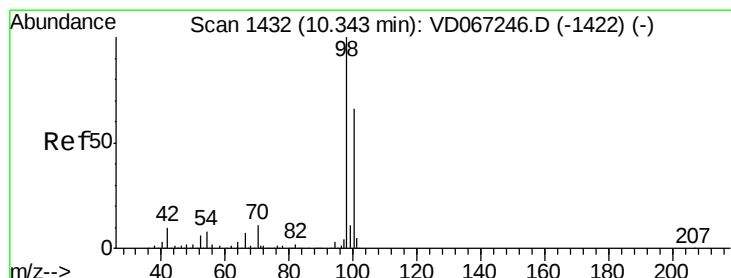
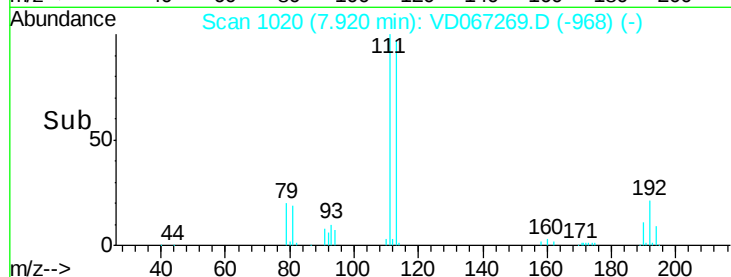
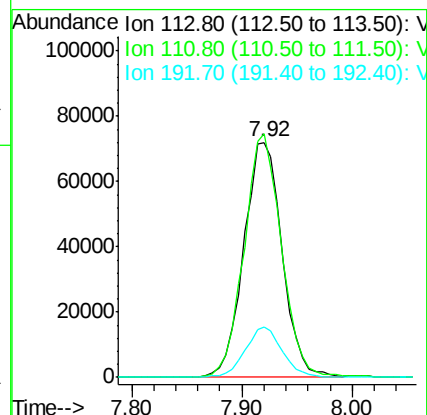
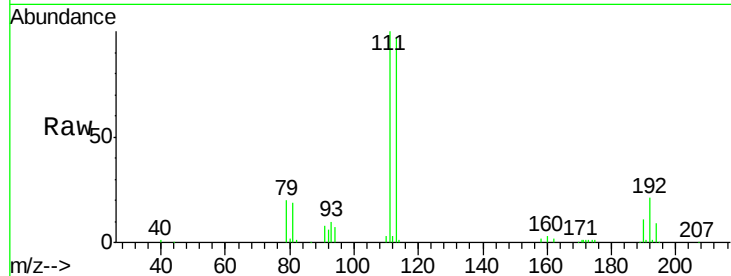




#35
Dibromofluoromethane
Concen: 50.268 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067269.D
Acq: 14 Oct 2020 14:22

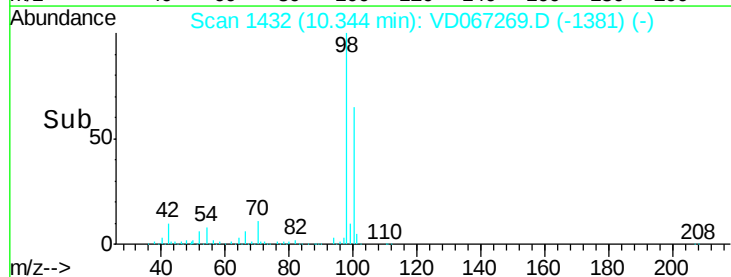
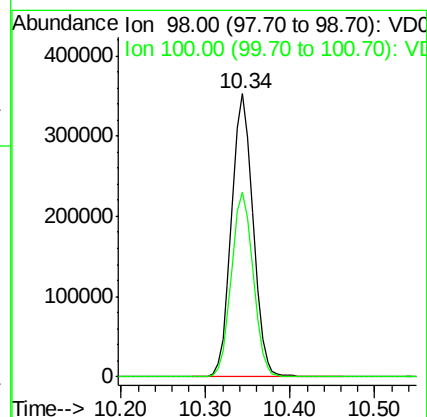
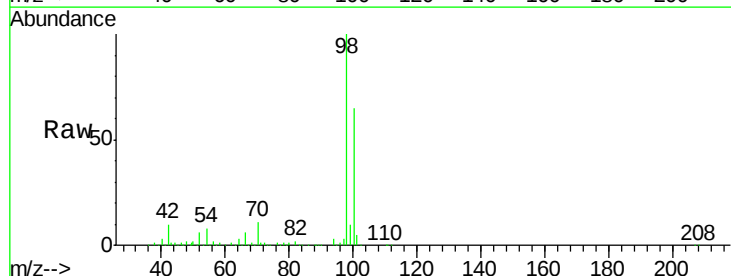
Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14-NORTH

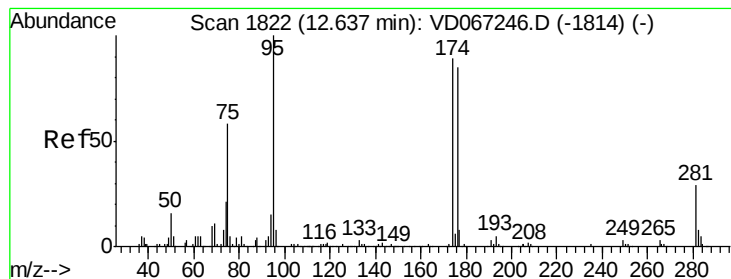
Tot Ion:113 Resp: 175685
Ion Ratio Lower Upper
113 100
111 101.1 81.6 122.4
192 20.5 17.0 25.4



#50
Toluene-d8
Concen: 49.122 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067269.D
Acq: 14 Oct 2020 14:22

Tgt Ion: 98 Resp: 621290
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.483 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067269.D

Acq: 14 Oct 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

SHELL-L15-L14-NORTH

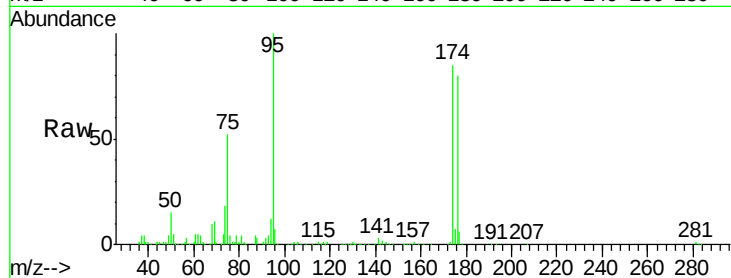
Tot Ion: 95 Resp: 208828

Ion Ratio Lower Upper

95 100

174 84.8 0.0 175.2

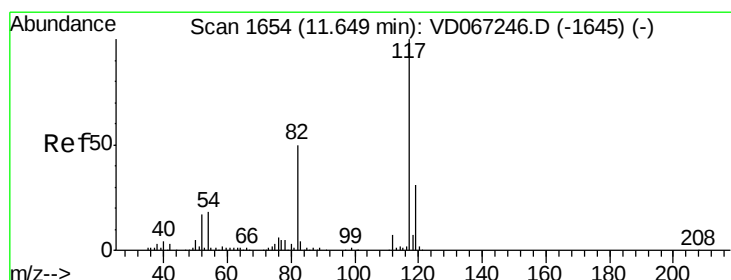
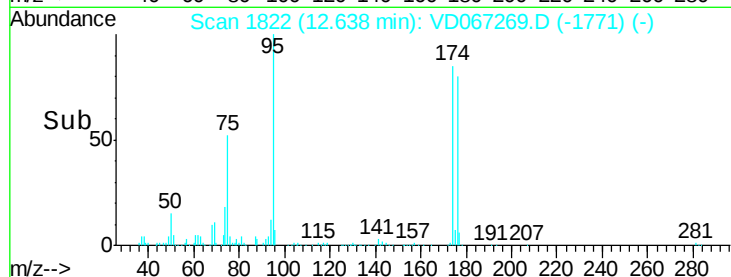
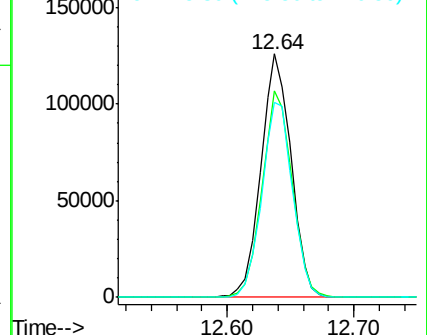
176 81.5 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067246.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067246.D (-1814) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067269.D

Acq: 14 Oct 2020 14:22

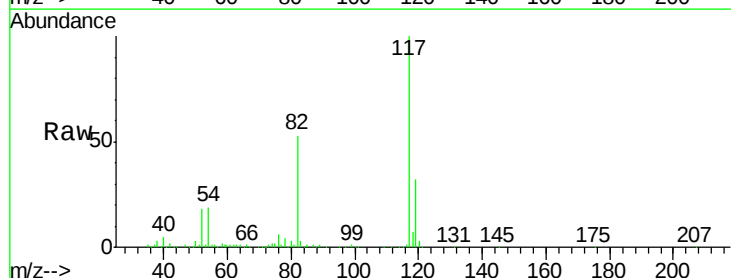
Tgt Ion: 117 Resp: 485054

Ion Ratio Lower Upper

117 100

82 53.0 39.9 59.9

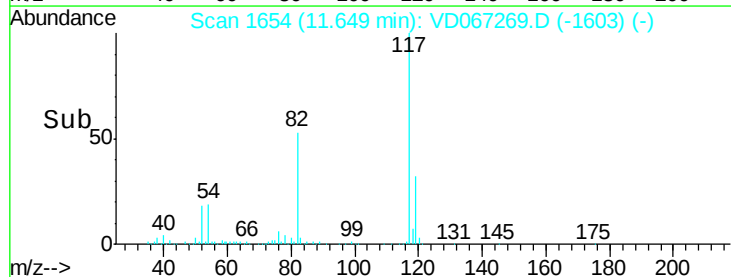
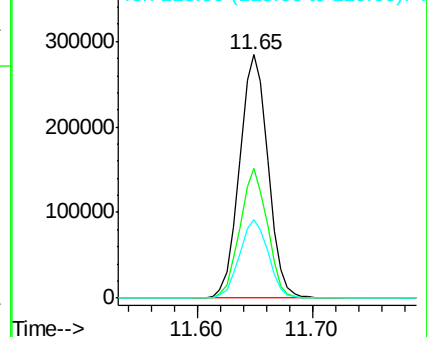
119 32.2 24.9 37.3

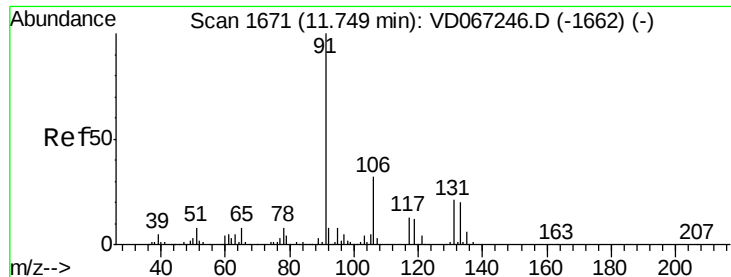


Abundance Ion 116.90 (116.60 to 117.60): VD067246.D (-1645) (-)

Ion 82.00 (81.70 to 82.70): VD067246.D (-1645) (-)

Ion 118.90 (118.60 to 119.60): VD067246.D (-1645) (-)





#67

Ethyl Benzene

Concen: 11.336 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067269.D

Acq: 14 Oct 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

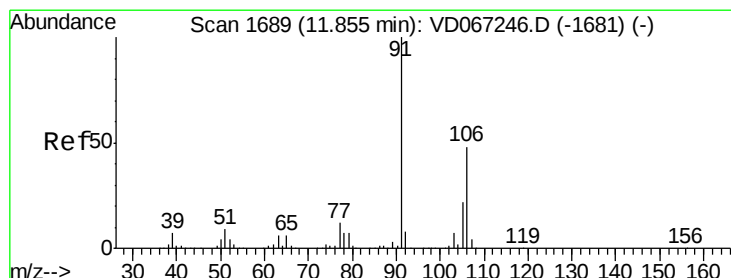
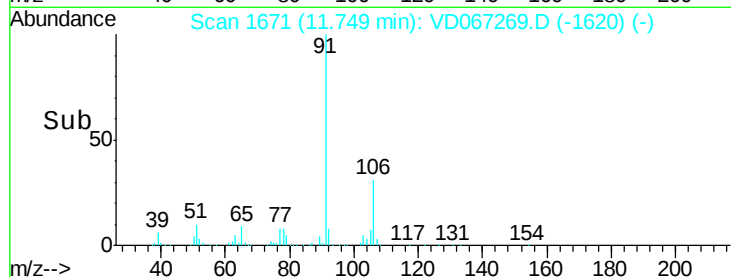
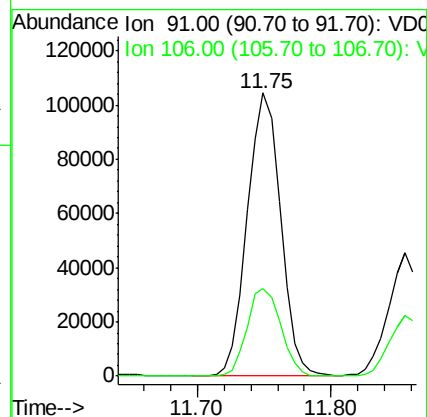
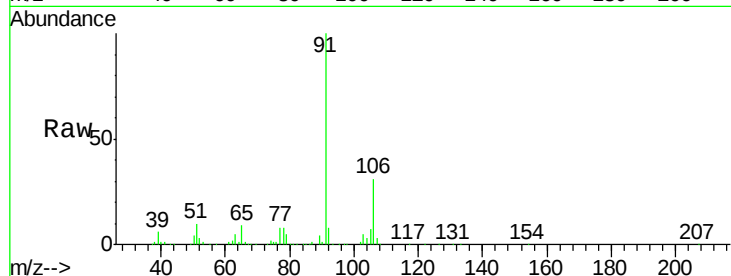
SHELL-L15-L14-NORTH

Tot Ion: 91 Resp: 180753

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.0



#68

m/p-Xylenes

Concen: 6.732 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067269.D

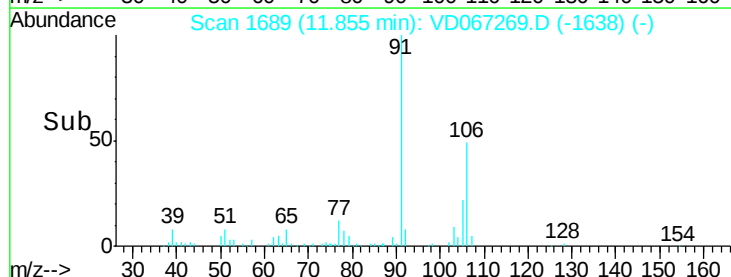
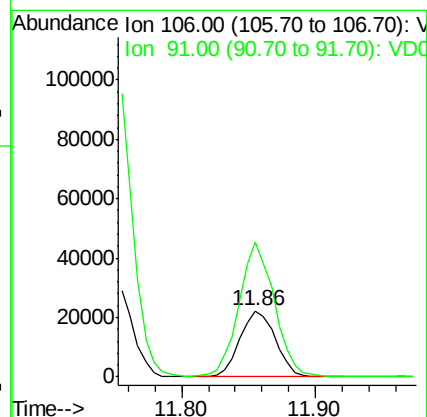
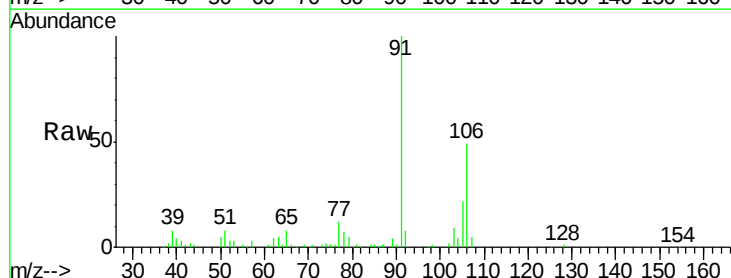
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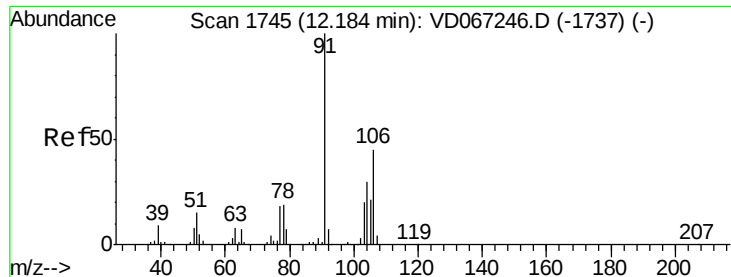
Tgt Ion: 106 Resp: 41333

Ion Ratio Lower Upper

106 100

91 202.3 163.8 245.8

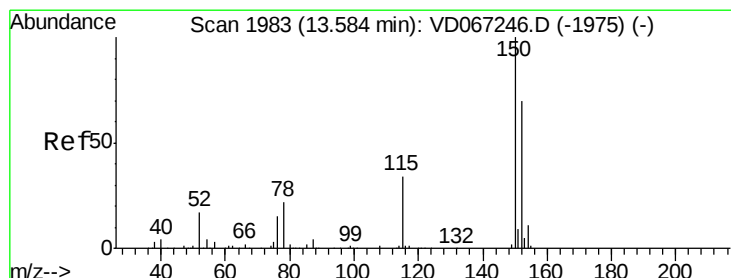
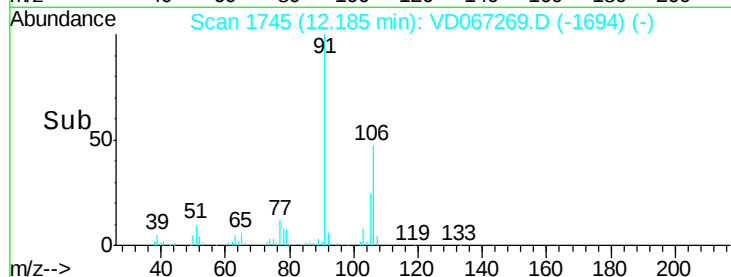
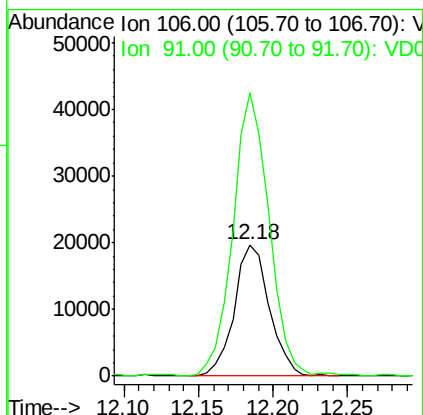
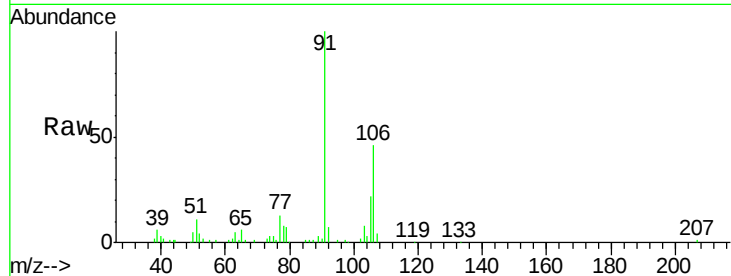




#69
o-Xylene
Concen: 5.683 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067269.D
Acq: 14 Oct 2020 14:22

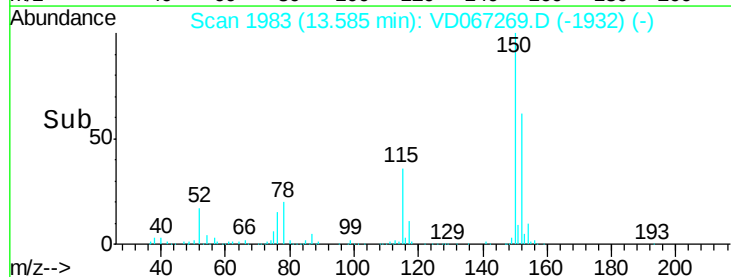
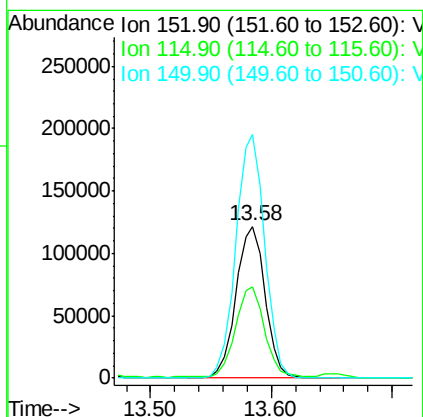
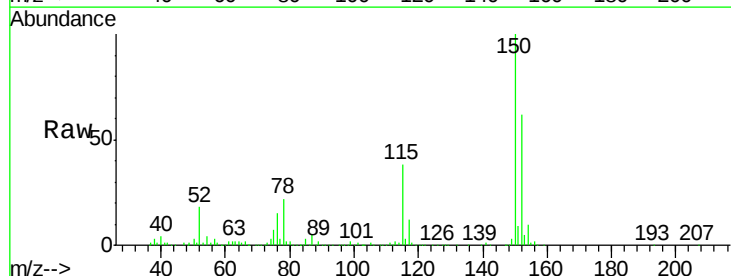
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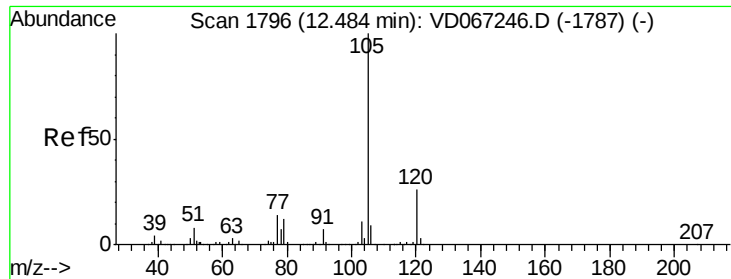
Tot Ion:106 Resp: 32312
Ion Ratio Lower Upper
106 100
91 221.8 109.1 327.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067269.D
Acq: 14 Oct 2020 14:22

Tgt Ion:152 Resp: 205074
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.9
150 158.5 0.0 339.0





#73

Isopropylbenzene

Concen: 4.143 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067269.D

Acq: 14 Oct 2020 14:22

Instrument :

MSVOA_D

ClientSampleId :

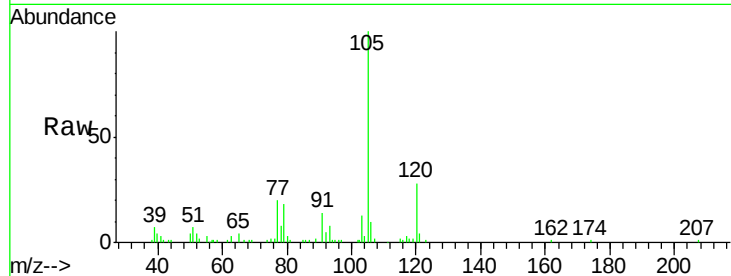
SHELL-L15-L14-NORTH

Tot Ion:105 Resp: 53920

Ion Ratio Lower Upper

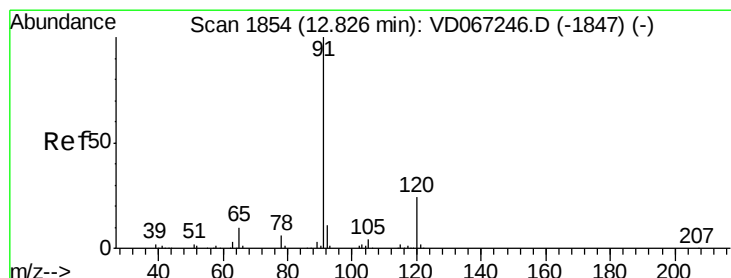
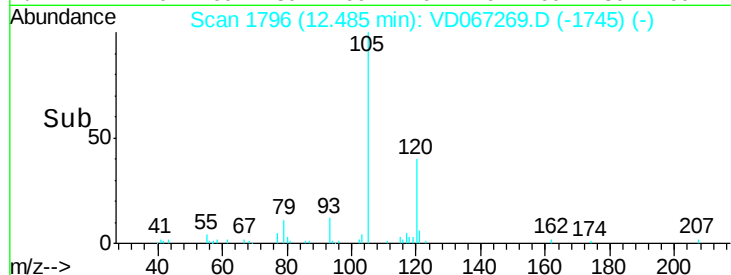
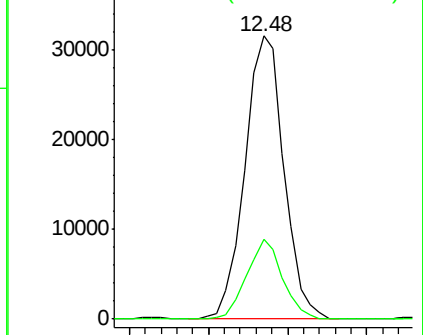
105 100

120 25.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.348 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067269.D

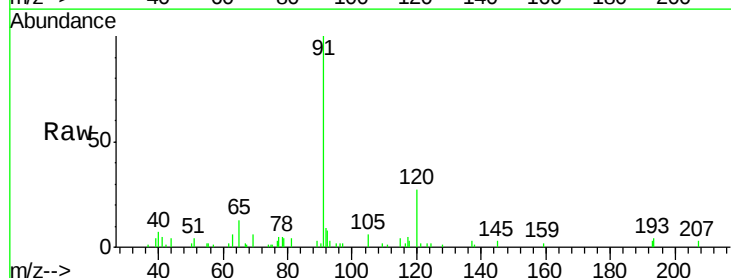
Acq: 14 Oct 2020 14:22

Tgt Ion: 91 Resp: 20329

Ion Ratio Lower Upper

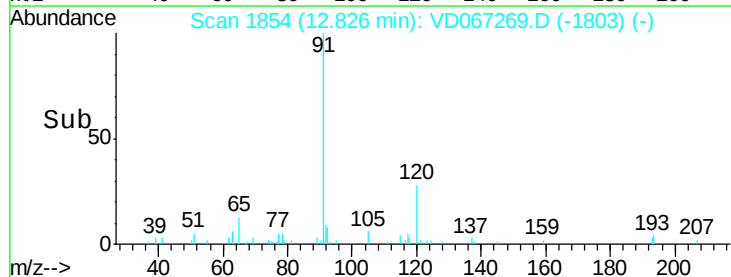
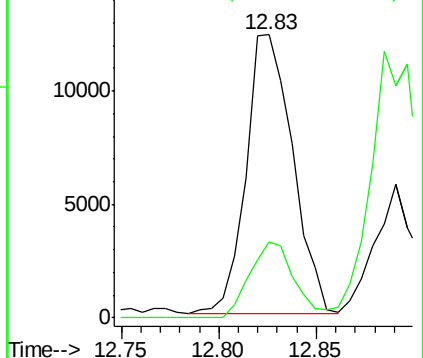
91 100

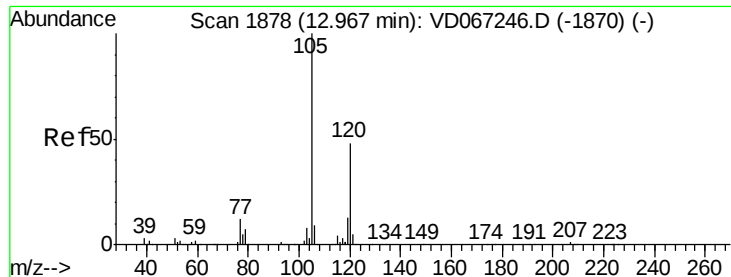
120 25.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

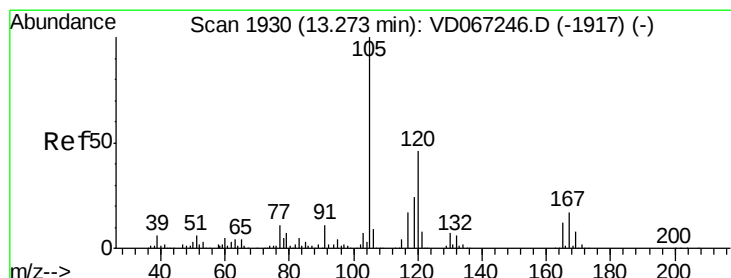
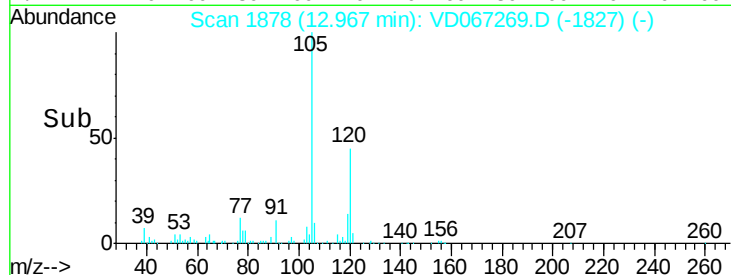
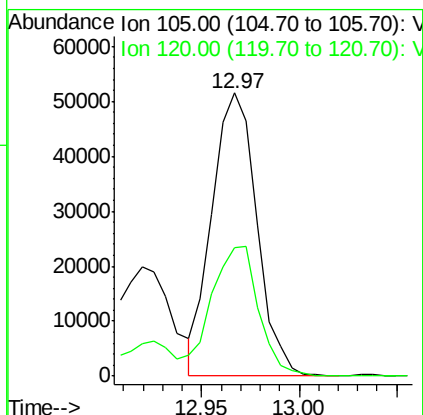
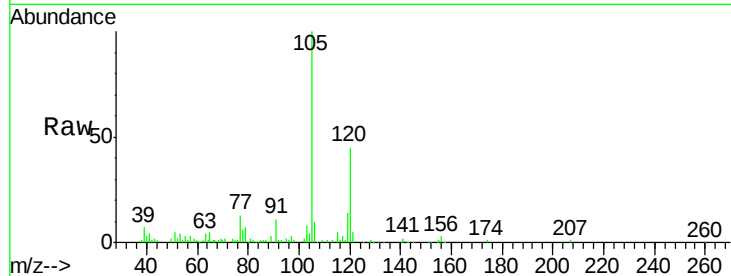




#80
 1,3,5-Trimethylbenzene
 Concen: 7.251 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067269.D
 Acq: 14 Oct 2020 14:22

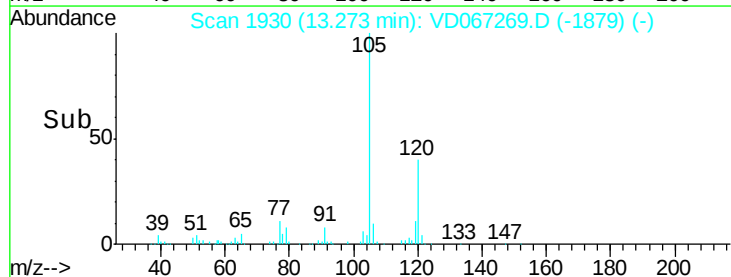
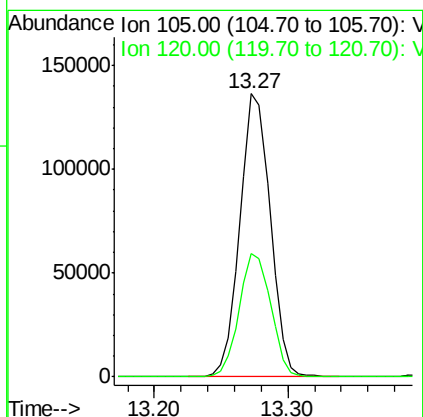
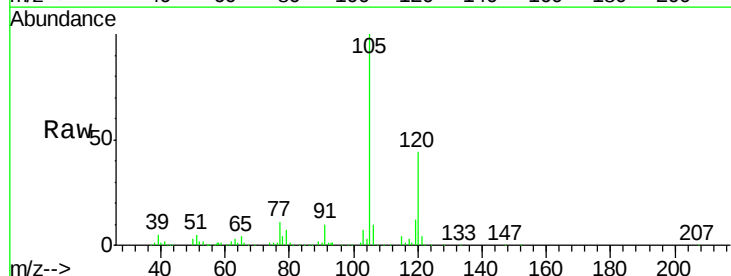
Instrument :
 MSVOA_D
 ClientSampleId :
 SHELL-L15-L14-NORTH

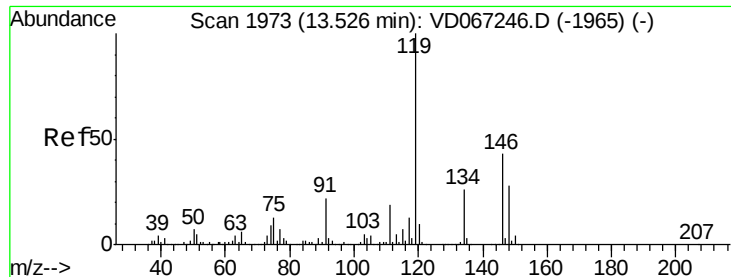
Tot Ion:105 Resp: 82006
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.300 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067269.D
 Acq: 14 Oct 2020 14:22

Tgt Ion:105 Resp: 215745
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3

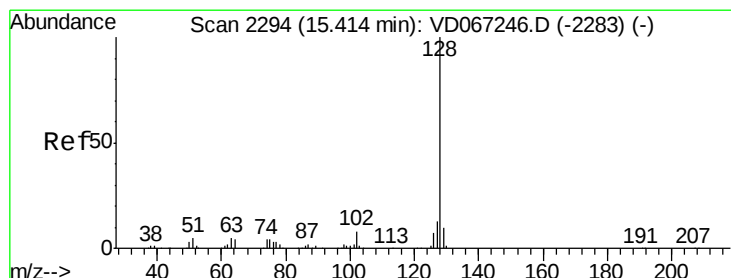
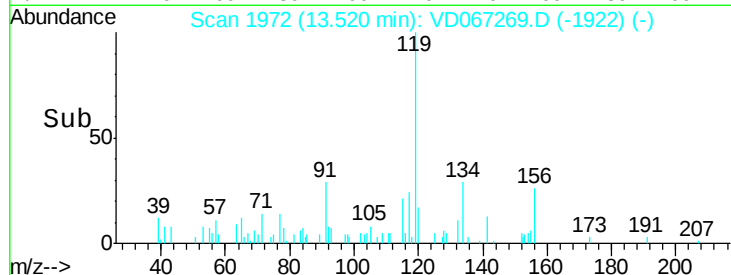
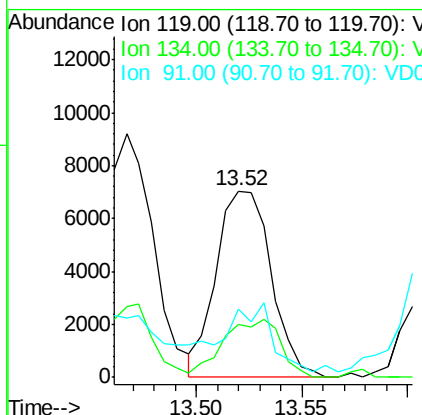
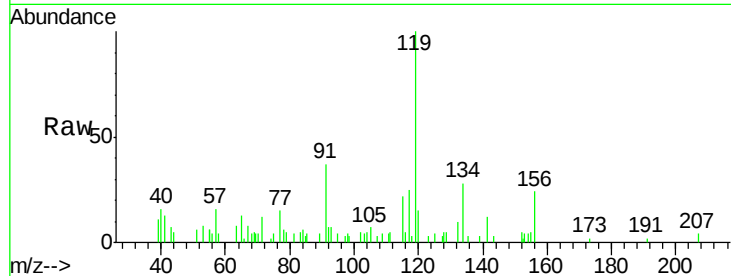




#86
 p-Isopropyltoluene
 Concen: 1.028 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067269.D
 Acq: 14 Oct 2020 14:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SHELL-L15-L14-NORTH

Tot Ion	Ratio	Lower	Upper
119	100		
134	32.3	13.1	39.3
91	26.8	11.9	35.9



#95
 Naphthalene
 Concen: 37.481 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: VD067269.D
 Acq: 14 Oct 2020 14:22

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.2	8.6	12.8

