

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064424.D
 Acq On : 04 Dec 2019 18:42
 Operator : VA/SY
 Sample : K6145-05
 Misc : 7.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-8

Quant Time: Dec 05 08:21:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

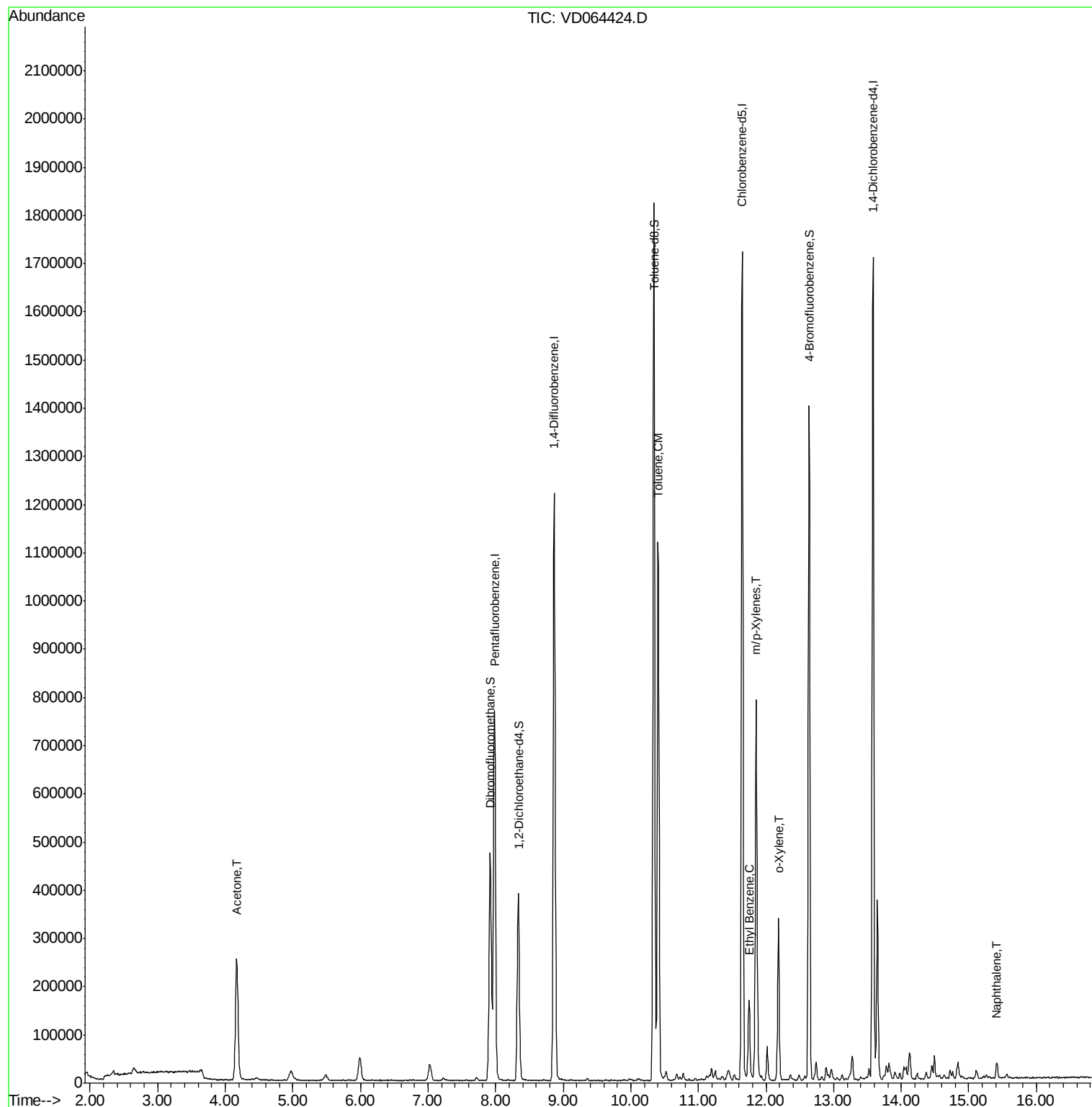
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	621985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1033297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	974466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	475913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	312607	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
35) Dibromofluoromethane	7.92	113	324752	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.34	98	1249823	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.64	95	421595	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
Target Compounds						
16) Acetone	4.17	43	443497	389.824	ug/l	96
52) Toluene	10.40	92	481807	27.235	ug/l	98
67) Ethyl Benzene	11.75	91	119030	3.292	ug/l	99
68) m/p-Xylenes	11.86	106	253133	18.359	ug/l	99
69) o-Xylene	12.18	106	91613	7.194	ug/l	98
95) Naphthalene	15.41	128	29136	1.663	ug/l #	95

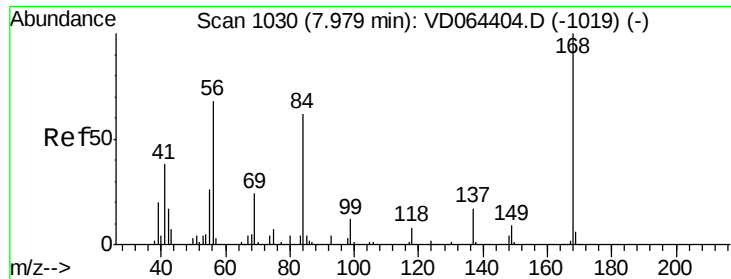
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064424.D

Acq: 04 Dec 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

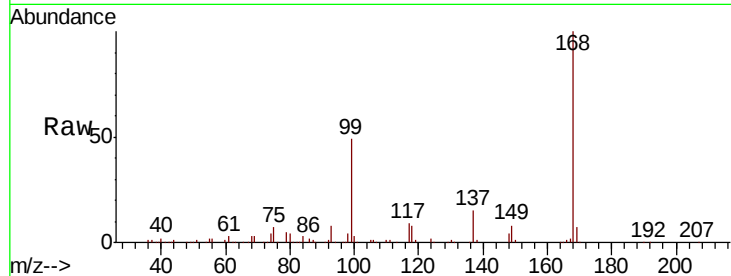
TH-8

Tot Ion:168 Resp: 621985

Ion Ratio Lower Upper

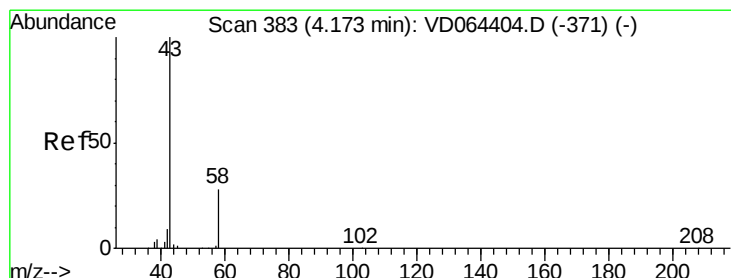
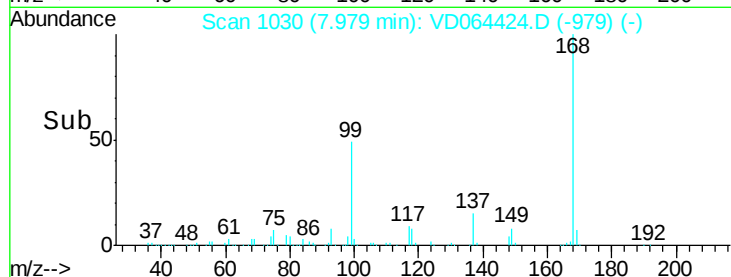
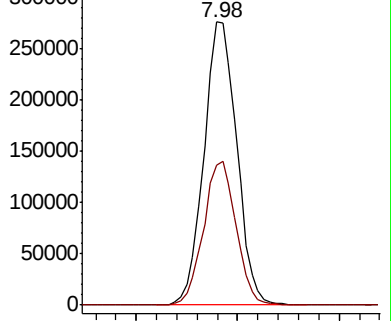
168 100

99 49.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 389.824 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064424.D

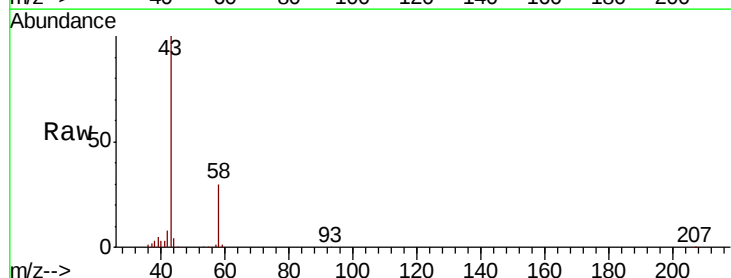
Acq: 04 Dec 2019 18:42

Tgt Ion: 43 Resp: 443497

Ion Ratio Lower Upper

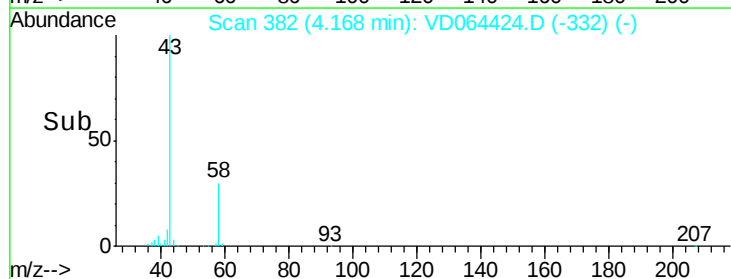
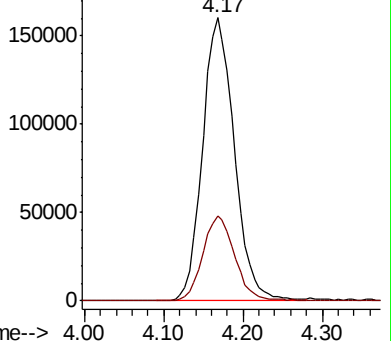
43 100

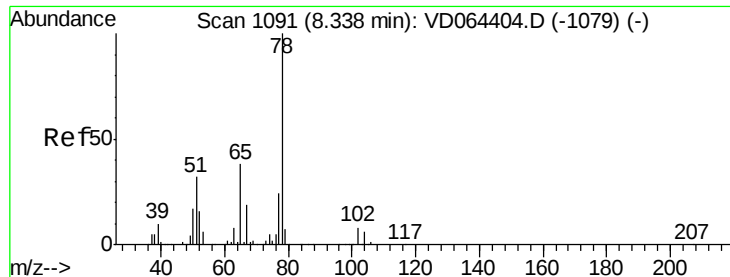
58 30.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

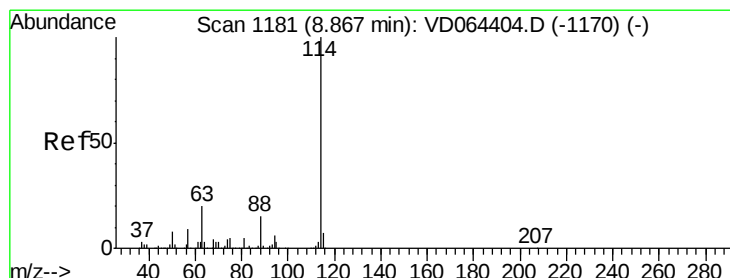
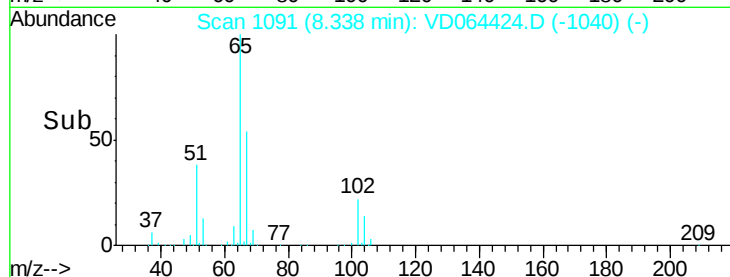
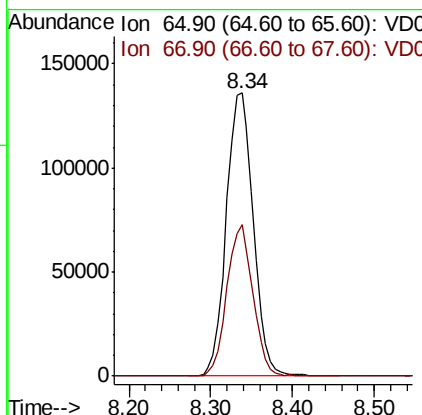
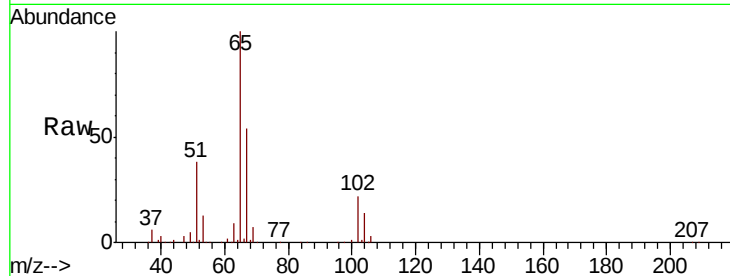




#33
 1,2-Dichloroethane-d4
 Concen: 55.526 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064424.D
 Acq: 04 Dec 2019 18:42

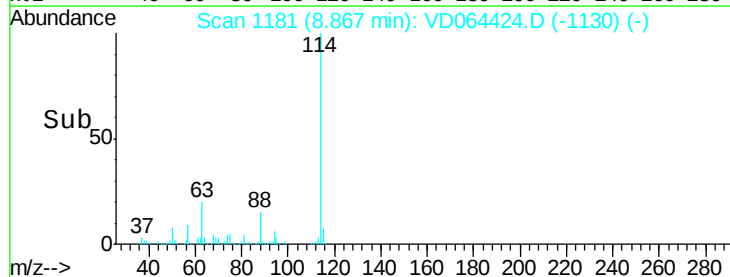
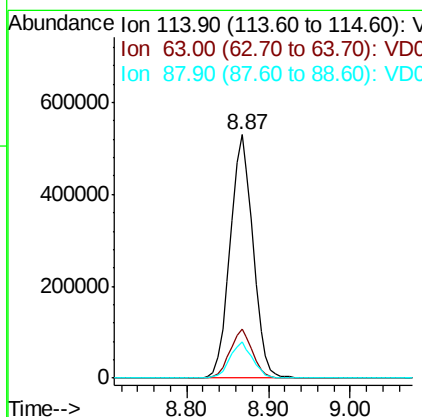
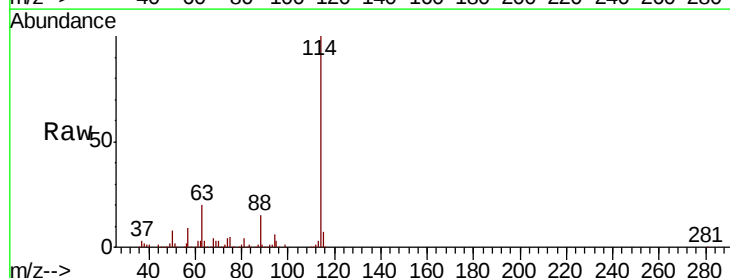
Instrument :
 MSVOA_D
 ClientSampled :
 TH-8

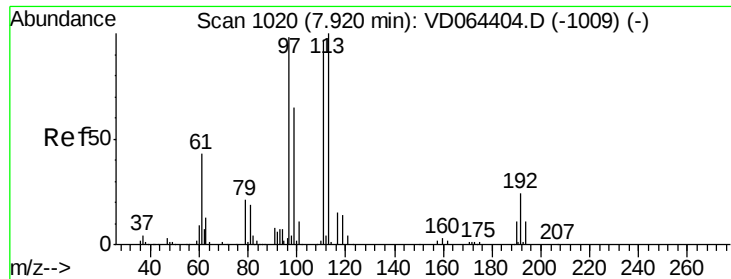
Tot Ion: 65 Resp: 312607
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064424.D
 Acq: 04 Dec 2019 18:42

Tgt Ion: 114 Resp: 1033297
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 14.9 0.0 29.2

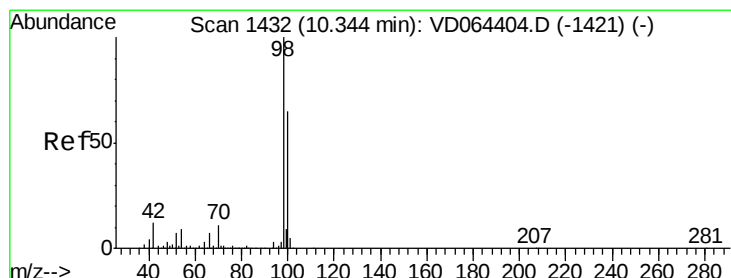
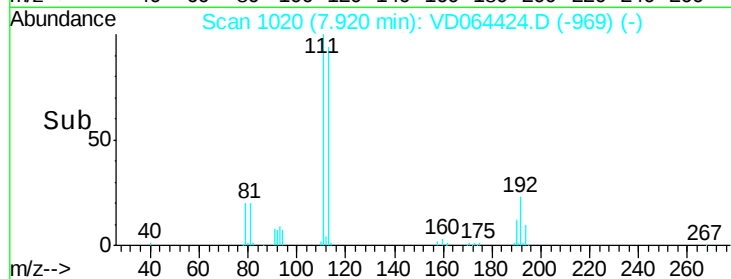
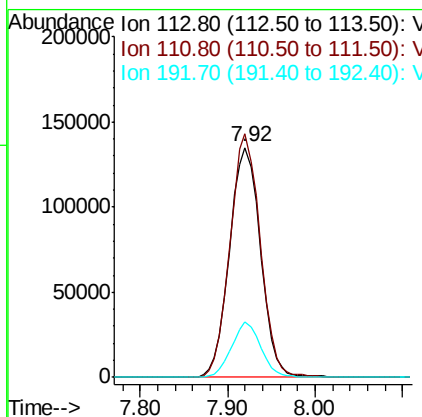
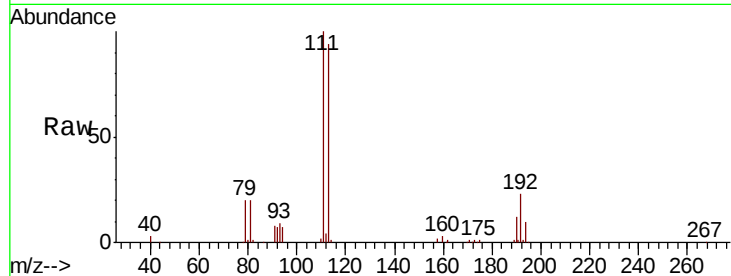




#35
 Dibromofluoromethane
 Concen: 49.883 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064424.D
 Acq: 04 Dec 2019 18:42

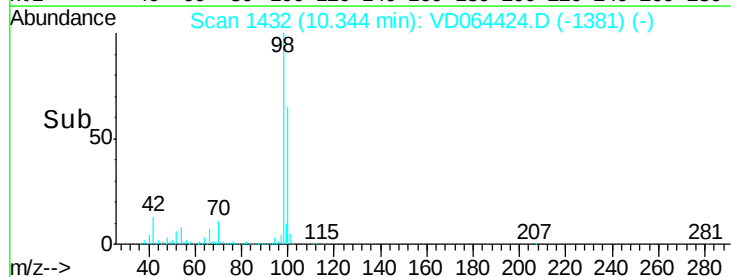
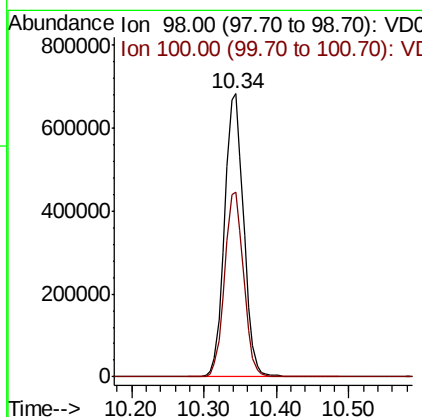
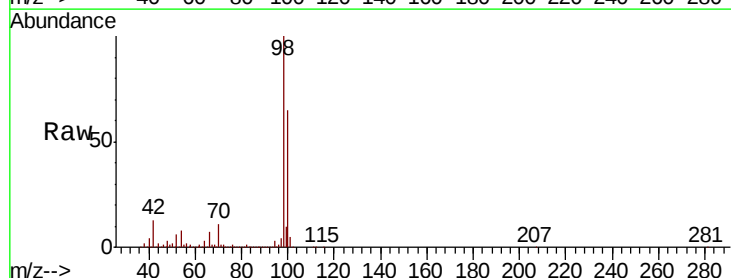
Instrument :
 MSVOA_D
 ClientSampleId :
 TH-8

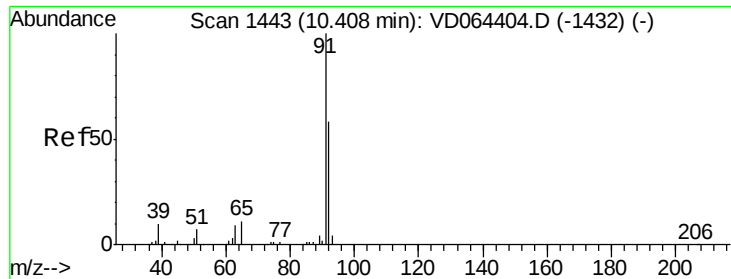
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.4	119.2
192	22.6	18.6	28.0



#50
 Toluene-d8
 Concen: 50.964 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064424.D
 Acq: 04 Dec 2019 18:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	79.0





#52

Toluene

Concen: 27.235 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064424.D

Acq: 04 Dec 2019 18:42

Instrument :

MSVOA_D

ClientSampled :

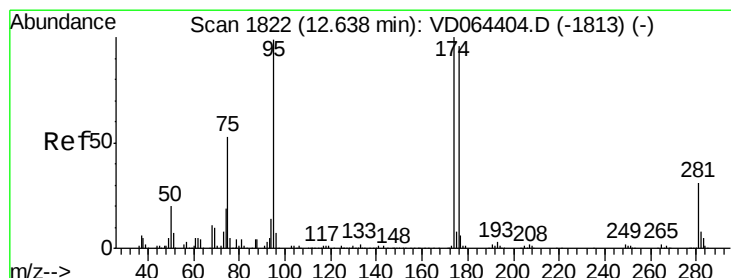
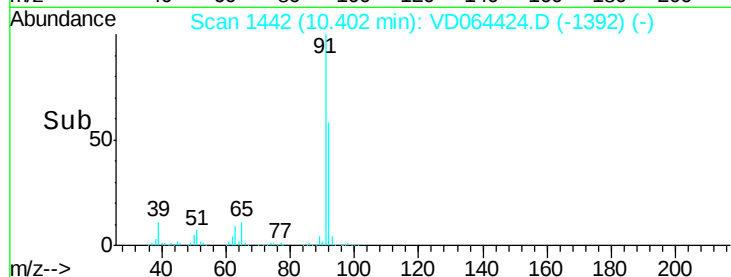
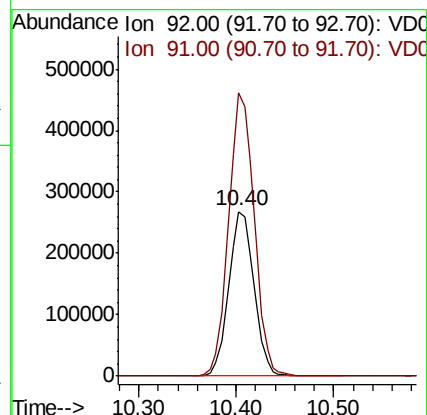
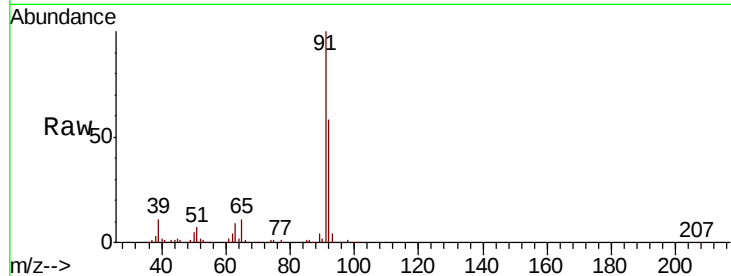
TH-8

Tot Ion: 92 Resp: 481807

Ion Ratio Lower Upper

92 100

91 174.4 137.8 206.6



#62

4-Bromofluorobenzene

Concen: 53.494 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064424.D

Acq: 04 Dec 2019 18:42

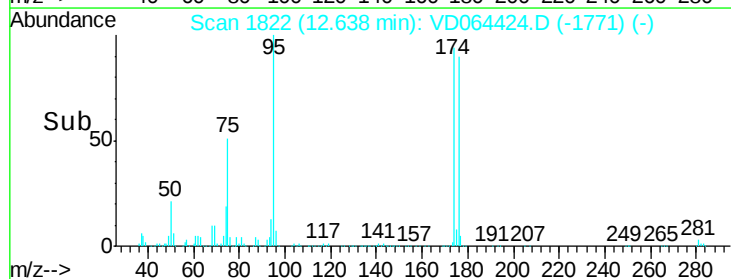
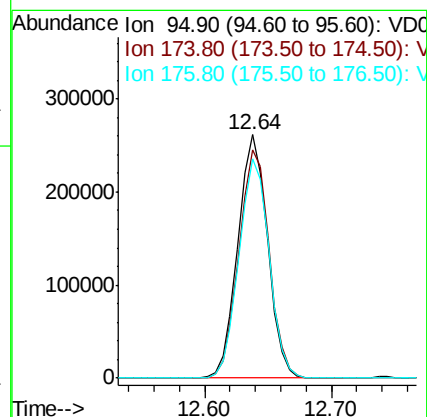
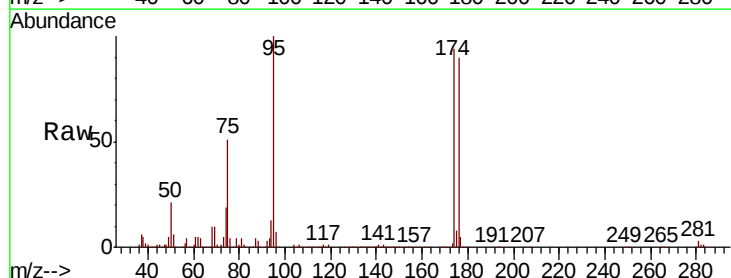
Tgt Ion: 95 Resp: 421595

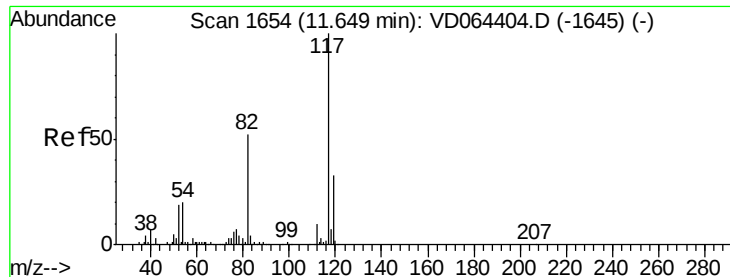
Ion Ratio Lower Upper

95 100

174 95.9 0.0 197.2

176 92.0 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064424.D

Acq: 04 Dec 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

TH-8

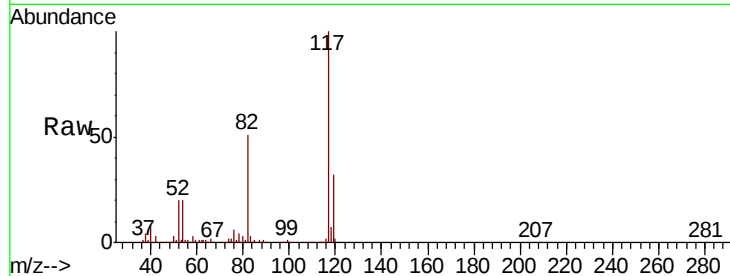
Tot Ion:117 Resp: 974466

Ion Ratio Lower Upper

117 100

82 51.2 41.4 62.2

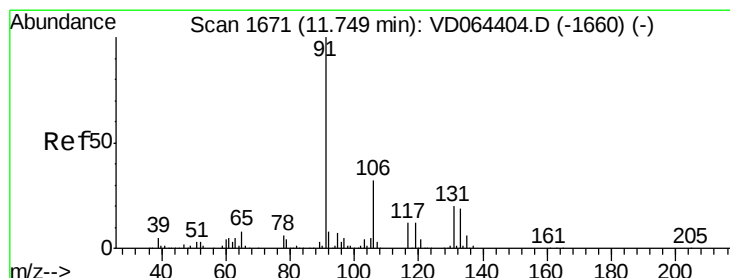
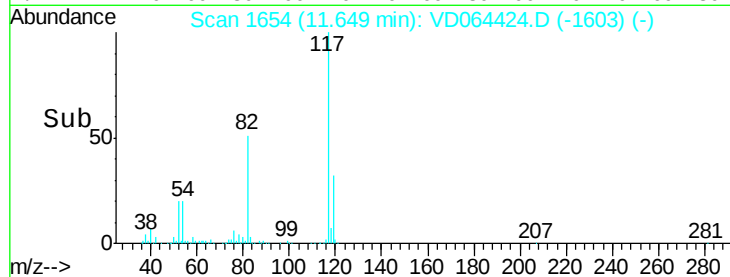
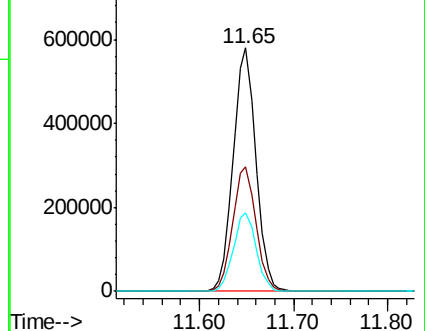
119 32.5 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VDC

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 3.292 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064424.D

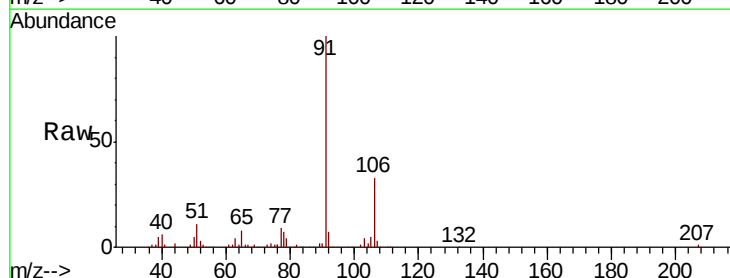
Acq: 04 Dec 2019 18:42

Tgt Ion: 91 Resp: 119030

Ion Ratio Lower Upper

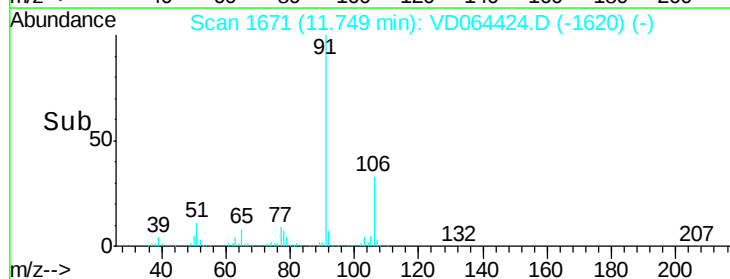
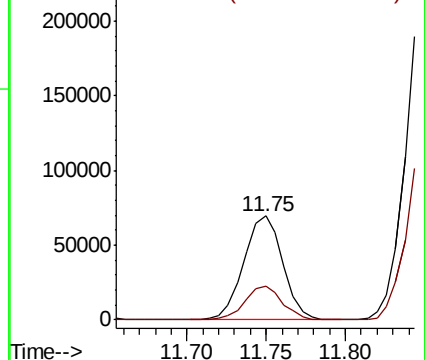
91 100

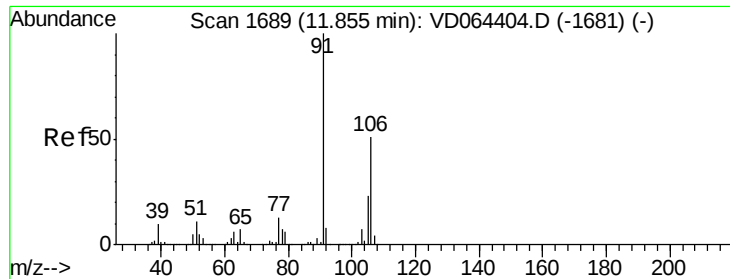
106 32.7 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V

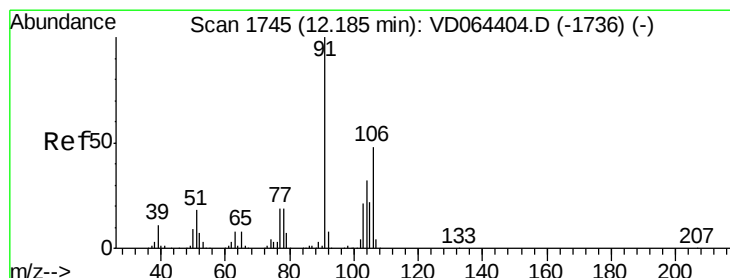
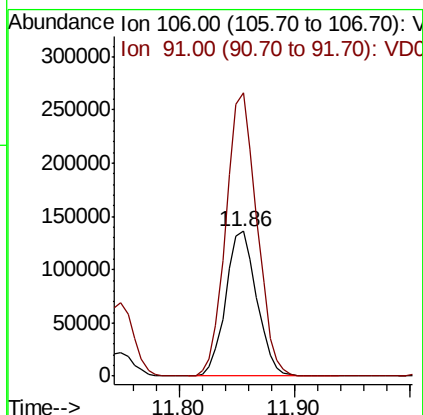
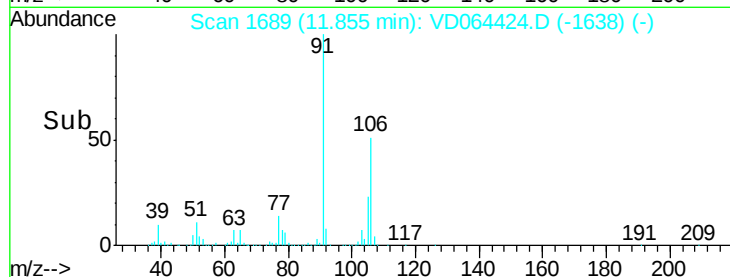
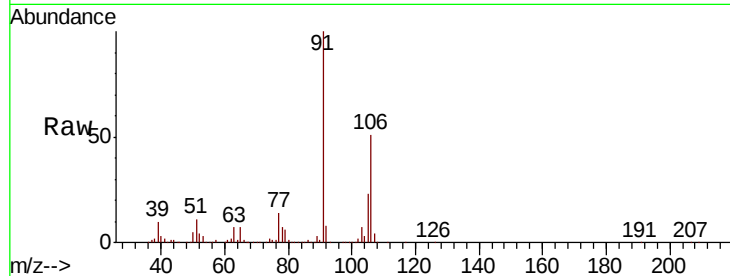




#68
m/p-Xylenes
Concen: 18.359 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064424.D
Acq: 04 Dec 2019 18:42

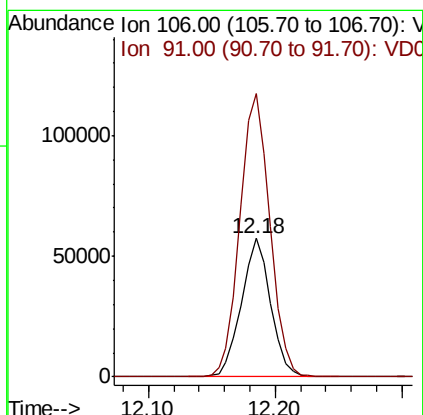
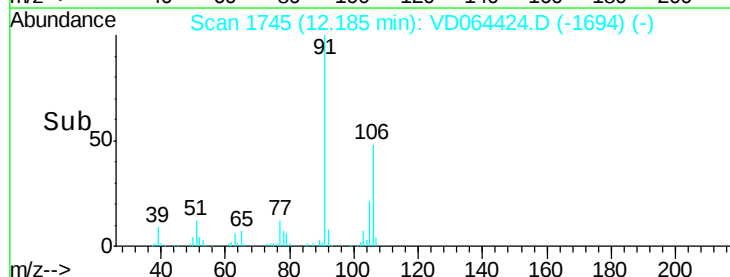
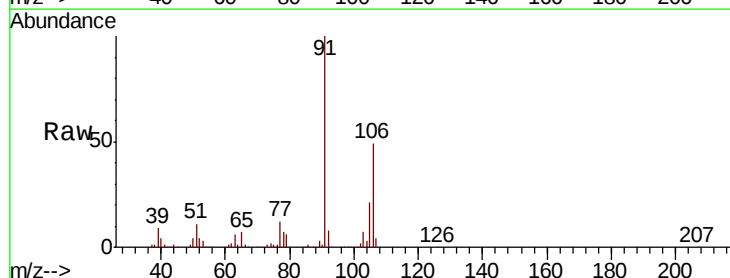
Instrument :
MSVOA_D
ClientSampleId :
TH-8

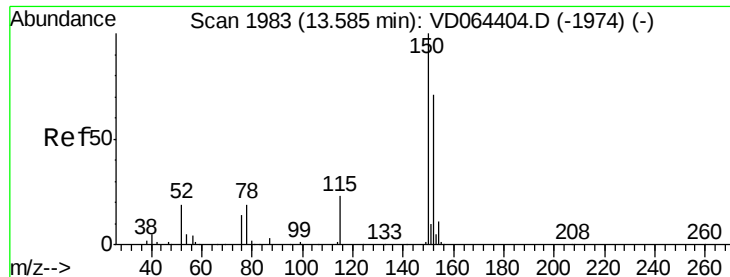
Tot Ion:106 Resp: 253133
Ion Ratio Lower Upper
106 100
91 195.7 157.4 236.2



#69
o-Xylene
Concen: 7.194 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064424.D
Acq: 04 Dec 2019 18:42

Tgt Ion:106 Resp: 91613
Ion Ratio Lower Upper
106 100
91 210.1 103.8 311.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064424.D

Acq: 04 Dec 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

TH-8

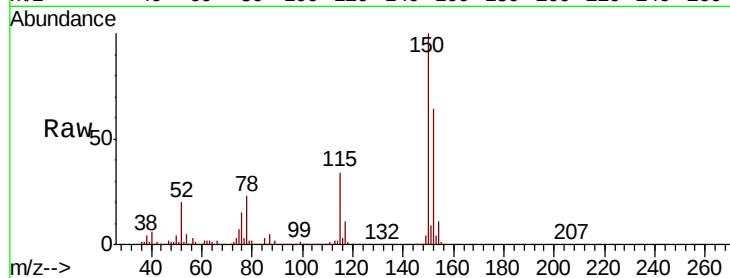
Tot Ion:152 Resp: 475913

Ion Ratio Lower Upper

152 100

115 54.5 26.7 80.1

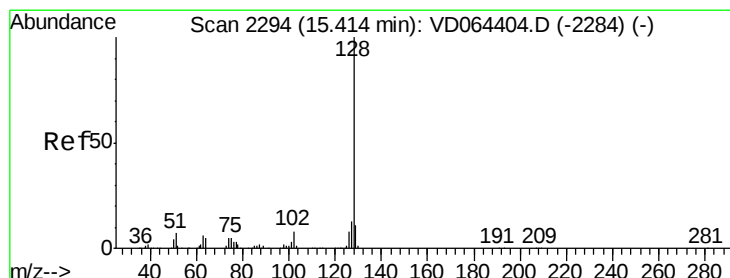
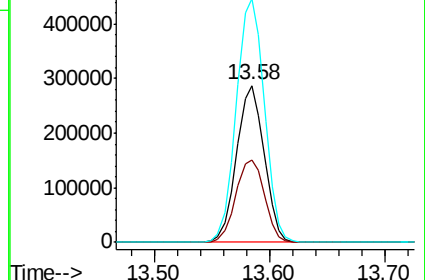
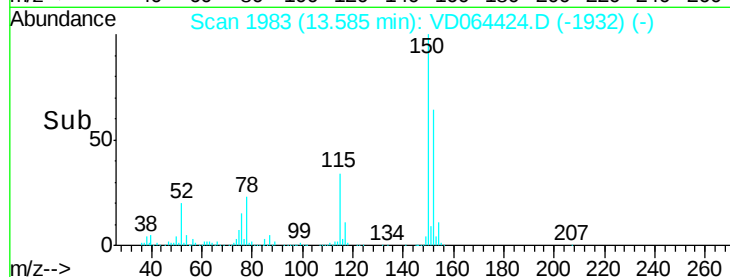
150 157.6 0.0 347.2



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



#95

Naphthalene

Concen: 1.663 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064424.D

Acq: 04 Dec 2019 18:42

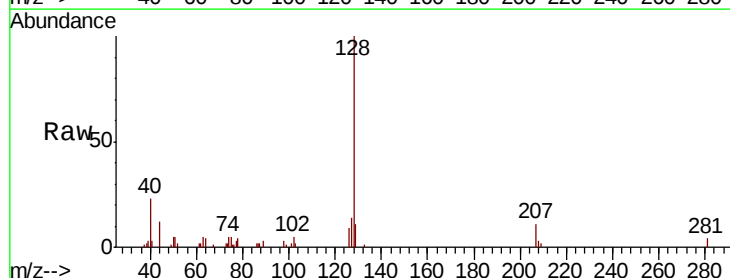
Tgt Ion:128 Resp: 29136

Ion Ratio Lower Upper

128 100

127 14.7 10.5 15.7

129 13.5 8.8 13.2#



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

