

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123019\
 Data File : VD064675.D
 Acq On : 30 Dec 2019 13:43
 Operator : VA/SY
 Sample : K6114-01
 Misc : 7.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-O1-122719

Quant Time: Dec 31 07:45:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

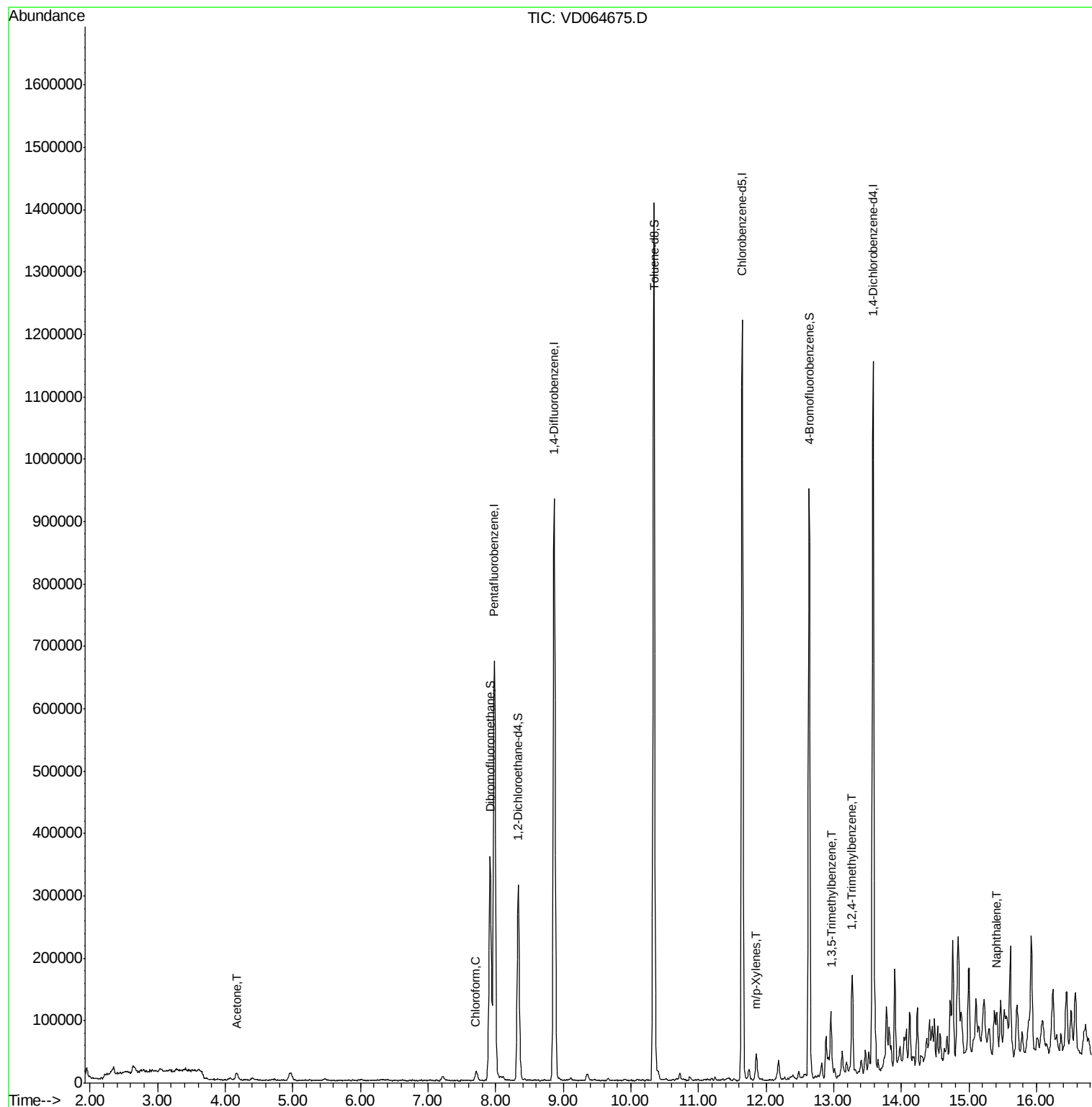
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	528682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	800661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	681574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	246256	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	7.92	113	244281	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.34	98	948069	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.64	95	274308	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
Target Compounds						
16) Acetone	4.17	43	19335	21.608	ug/l #	82
30) Chloroform	7.71	83	13141	1.442	ug/l	99
68) m/p-Xylenes	11.86	106	10564	1.066	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	24014	1.386	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	89249	5.172	ug/l	100
95) Naphthalene	15.41	128	50609	5.157	ug/l #	92

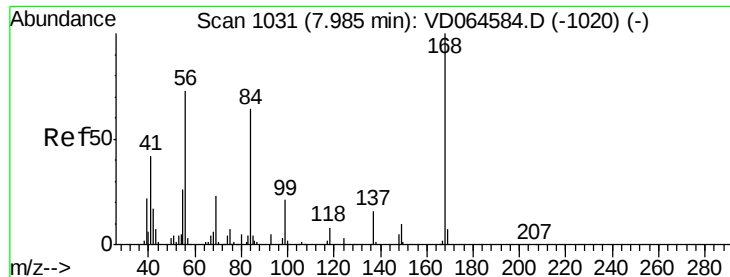
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
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: VD064675.D

Acq: 30 Dec 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

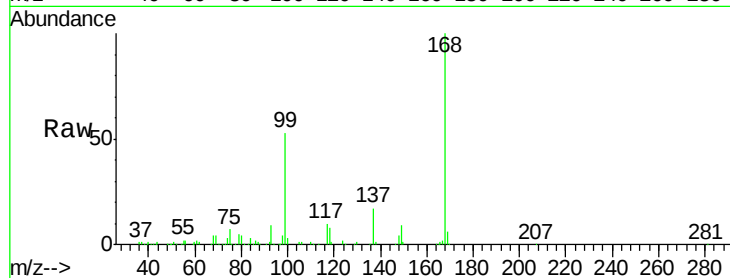
EO-O1-122719

Tot Ion:168 Resp: 528682

Ion Ratio Lower Upper

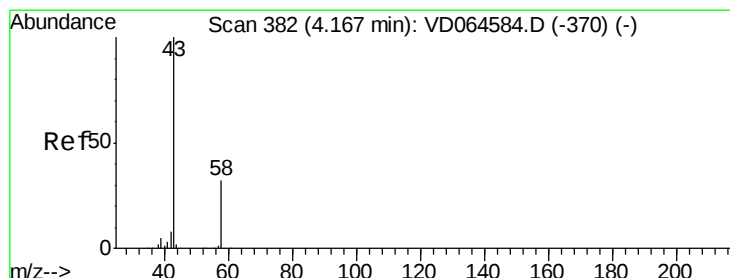
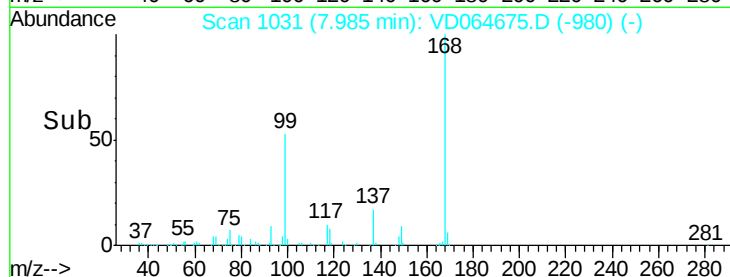
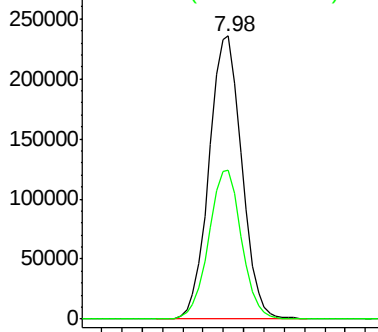
168 100

99 52.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 21.608 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064675.D

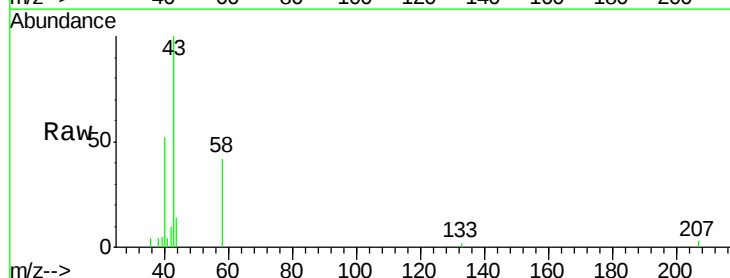
Acq: 30 Dec 2019 13:43

Tgt Ion: 43 Resp: 19335

Ion Ratio Lower Upper

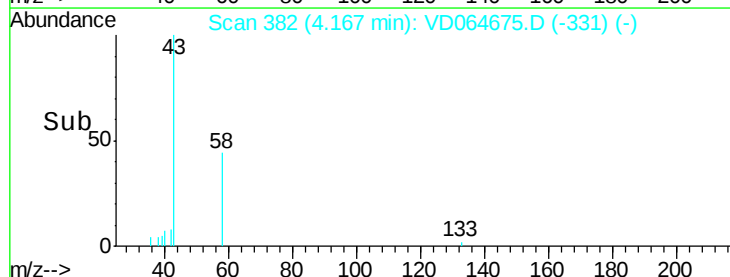
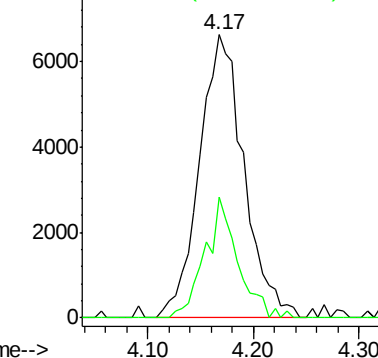
43 100

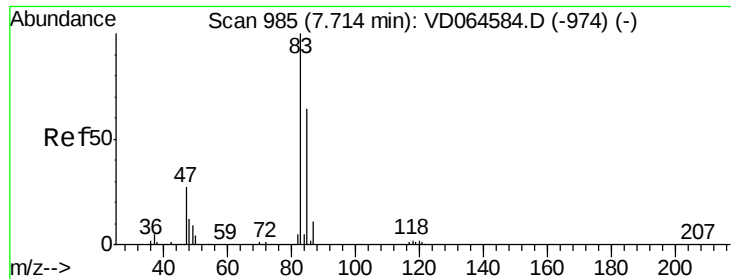
58 42.5 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

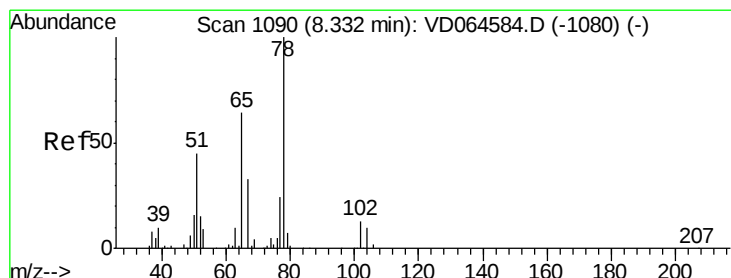
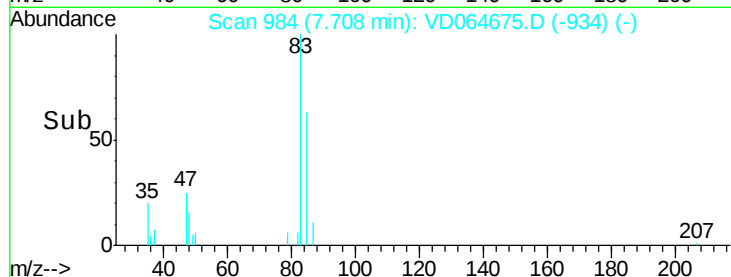
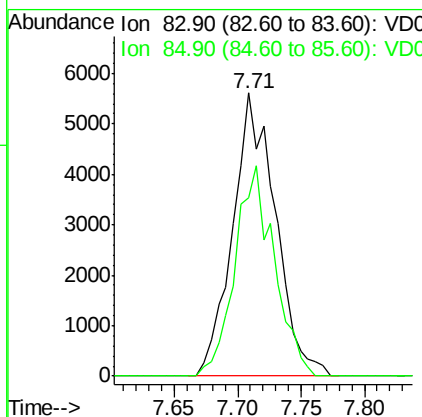
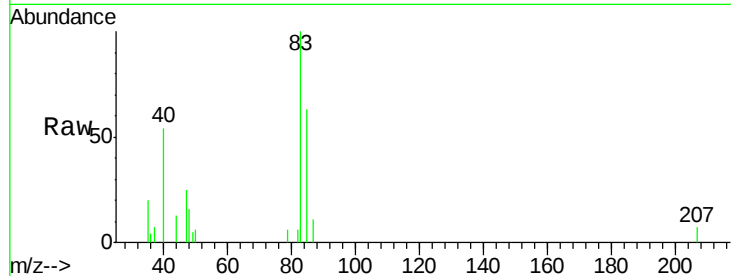




#30
Chloroform
Concen: 1.442 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064675.D
Acq: 30 Dec 2019 13:43

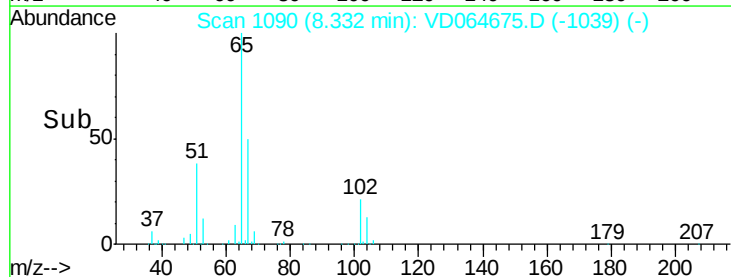
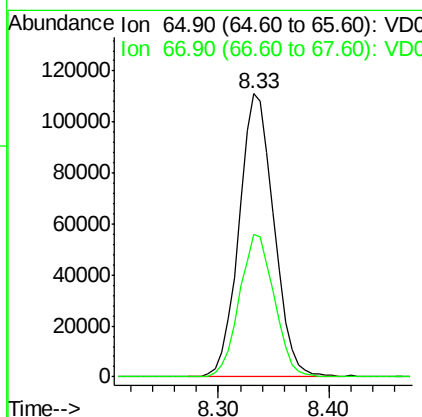
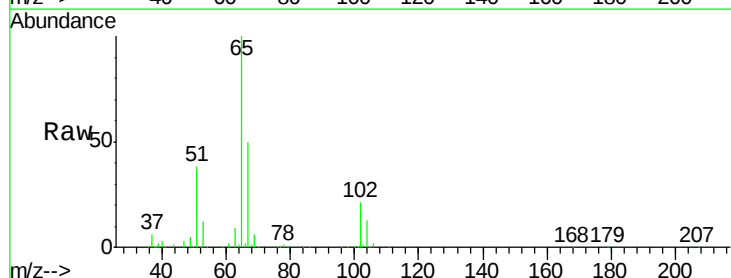
Instrument :
MSVOA_D
ClientSampleId :
EO-O1-122719

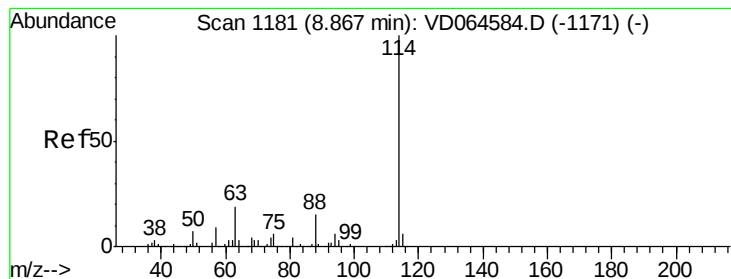
Tot Ion: 83 Resp: 13141
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 52.824 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064675.D
Acq: 30 Dec 2019 13:43

Tgt Ion: 65 Resp: 246256
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064675.D

Acq: 30 Dec 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

EO-O1-122719

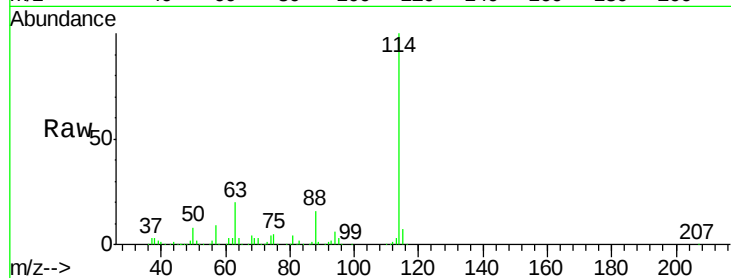
Tot Ion:114 Resp: 800661

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

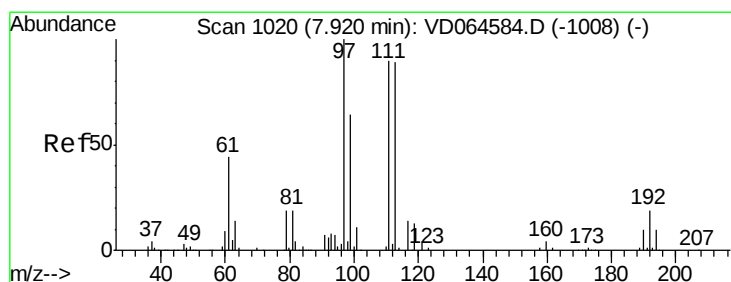
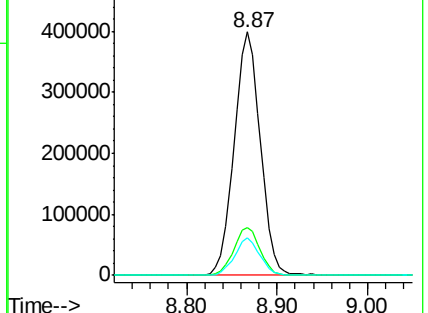
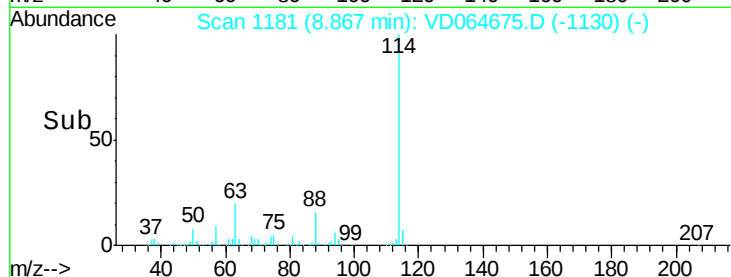
88 15.7 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.730 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064675.D

Acq: 30 Dec 2019 13:43

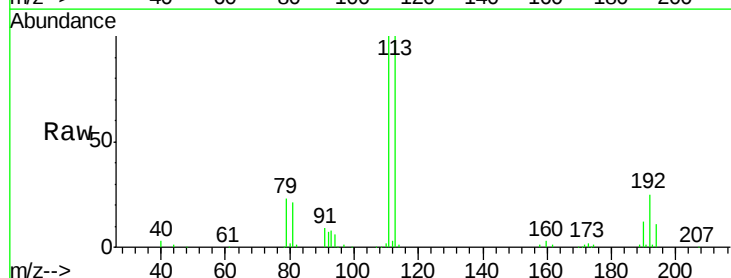
Tgt Ion:113 Resp: 244281

Ion Ratio Lower Upper

113 100

111 103.5 80.6 121.0

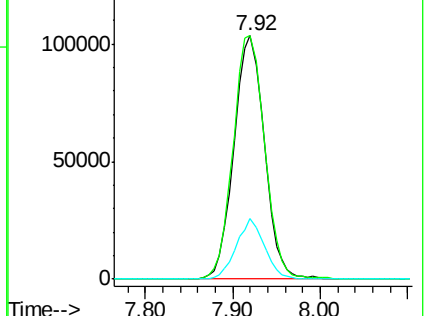
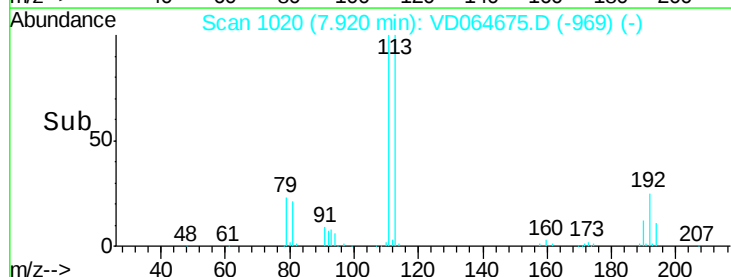
192 22.7 17.9 26.9

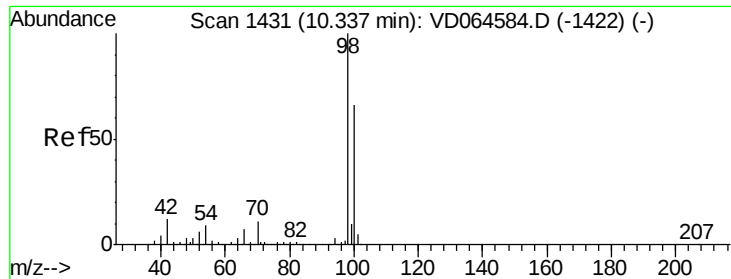


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

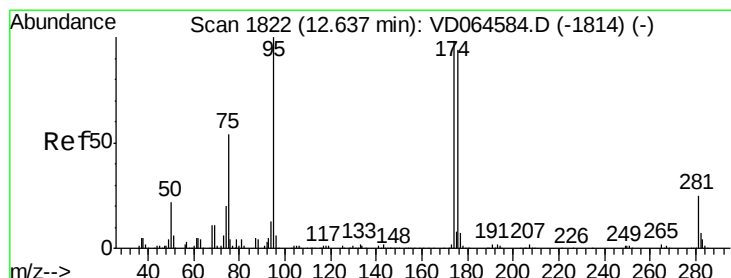
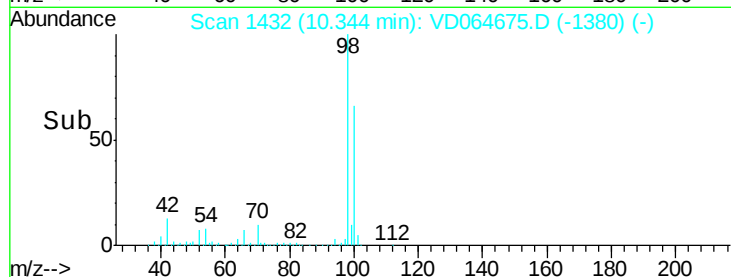
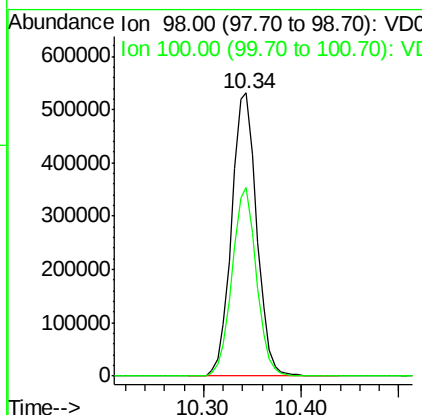
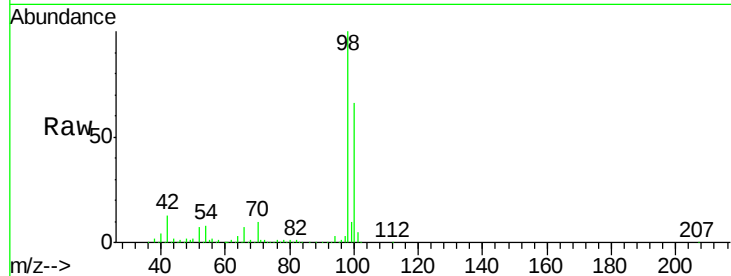




#50
Toluene-d8
Concen: 50.394 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064675.D
Acq: 30 Dec 2019 13:43

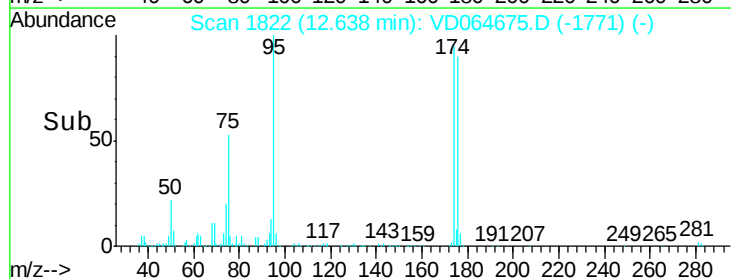
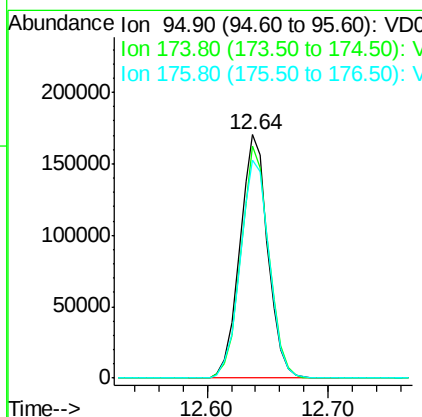
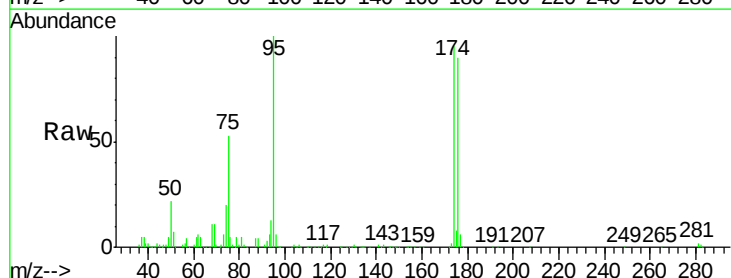
Instrument :
MSVOA_D
ClientSampleId :
EO-O1-122719

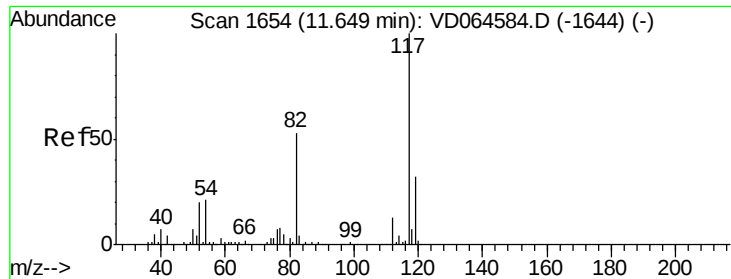
Tot Ion: 98 Resp: 948069
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.111 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064675.D
Acq: 30 Dec 2019 13:43

Tgt Ion: 95 Resp: 274308
Ion Ratio Lower Upper
95 100
174 94.8 0.0 193.2
176 92.7 0.0 184.2

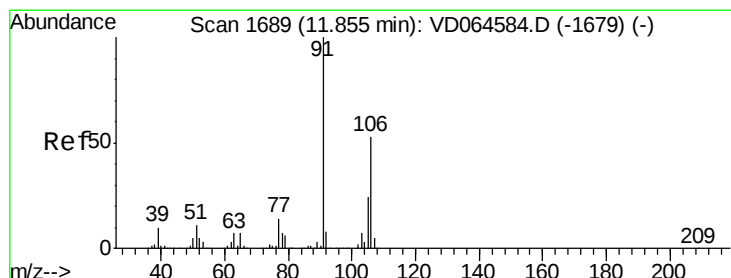
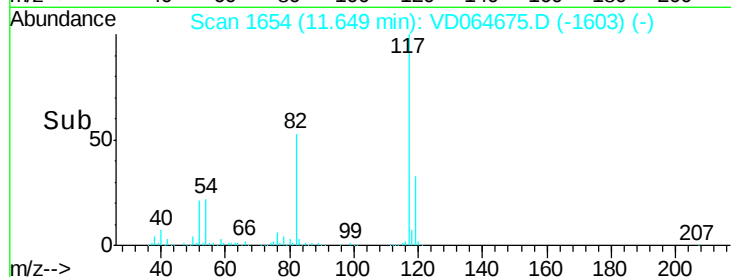
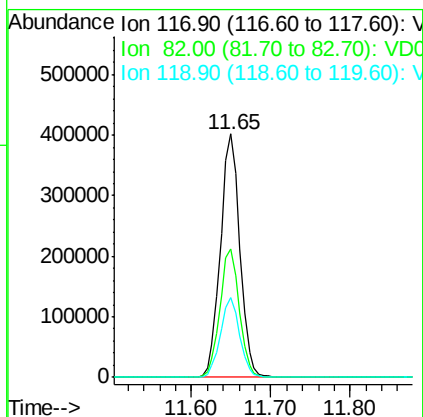
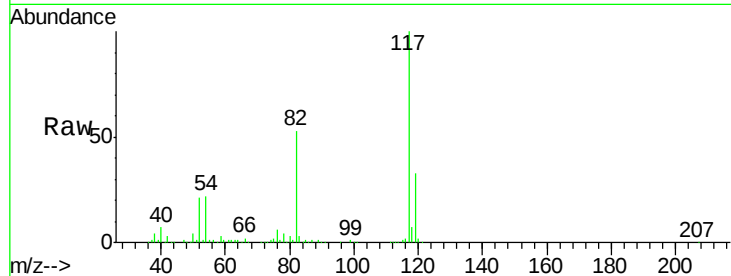




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064675.D
Acq: 30 Dec 2019 13:43

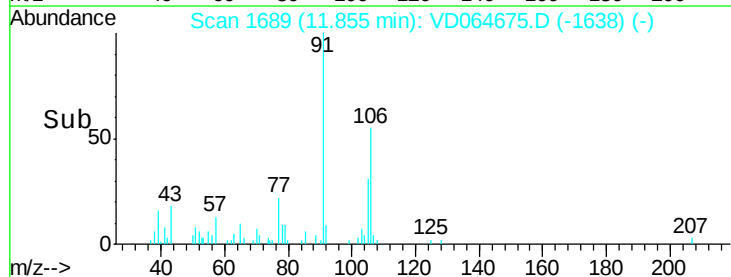
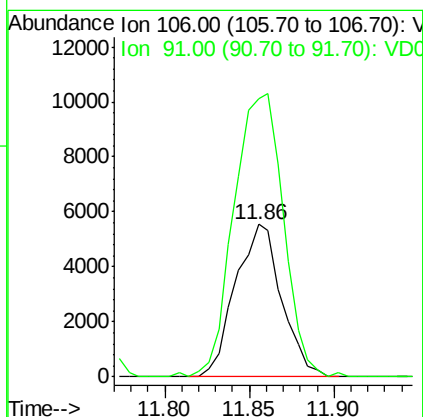
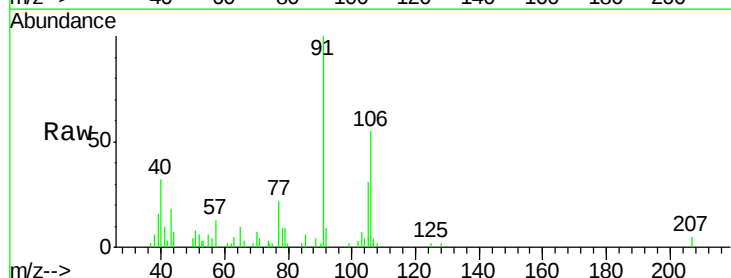
Instrument :
MSVOA_D
ClientSampleId :
EO-O1-122719

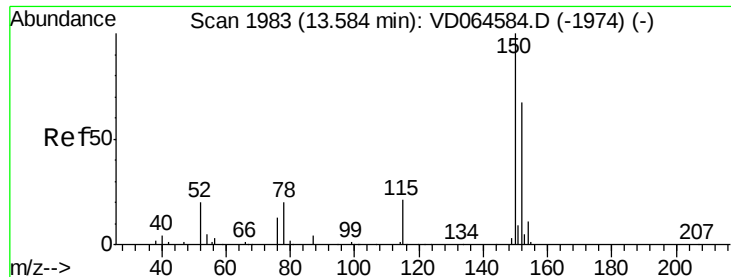
Tot Ion:117 Resp: 681574
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.4
119 32.7 26.0 39.0



#68
m/p-Xylenes
Concen: 1.066 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064675.D
Acq: 30 Dec 2019 13:43

Tgt Ion:106 Resp: 10564
Ion Ratio Lower Upper
106 100
91 199.0 156.3 234.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064675.D

Acq: 30 Dec 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

EO-O1-122719

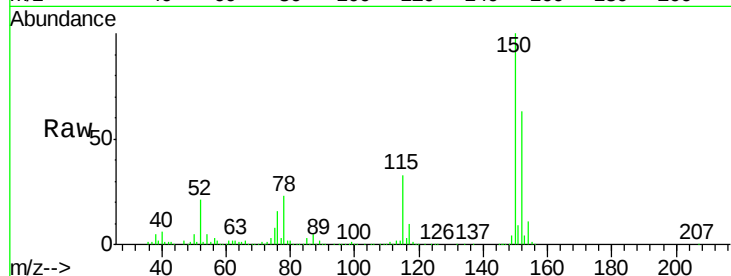
Tot Ion:152 Resp: 295154

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.4

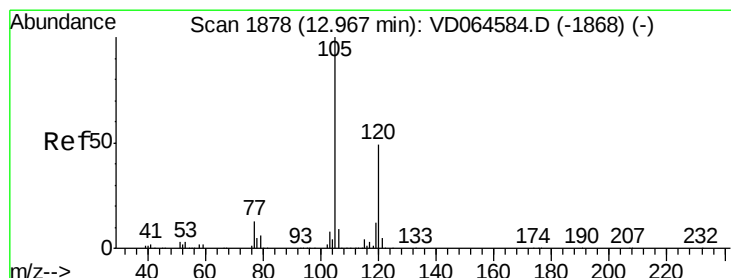
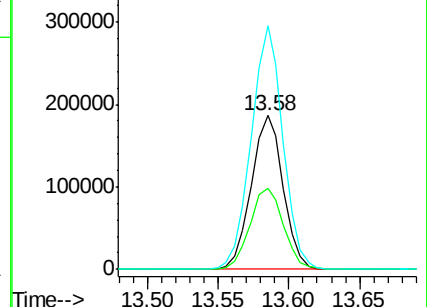
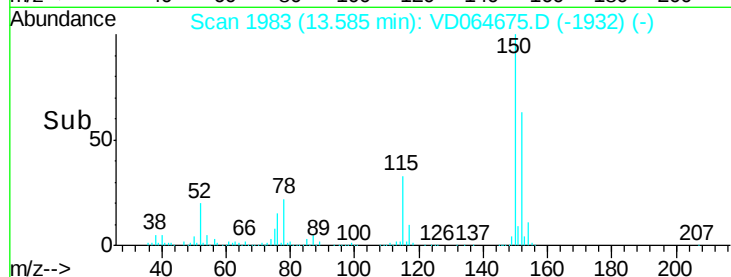
150 157.8 0.0 351.4



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



#80

1,3,5-Trimethylbenzene

Concen: 1.386 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD064675.D

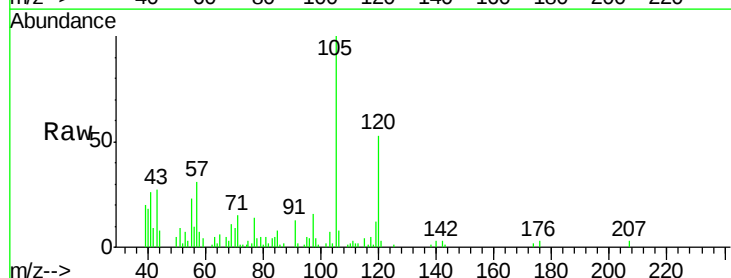
Acq: 30 Dec 2019 13:43

Tgt Ion:105 Resp: 24014

Ion Ratio Lower Upper

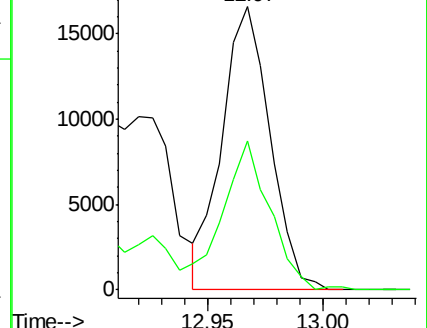
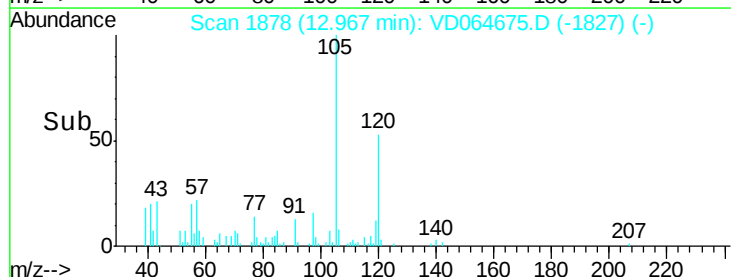
105 100

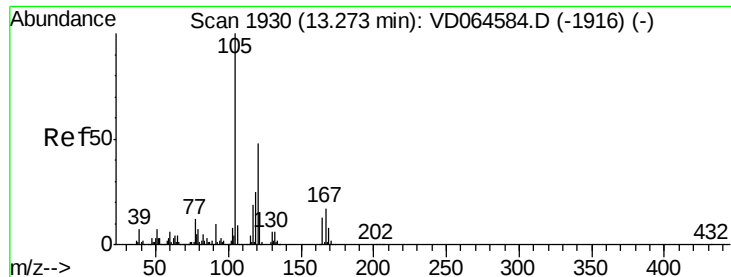
120 52.8 25.0 75.0



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: 5.172 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD064675.D

Acq: 30 Dec 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

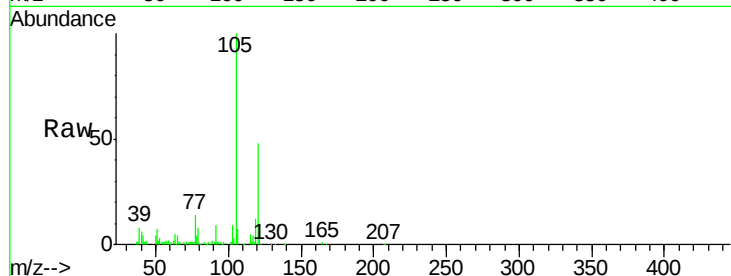
EO-O1-122719

Tot Ion:105 Resp: 89249

Ion Ratio Lower Upper

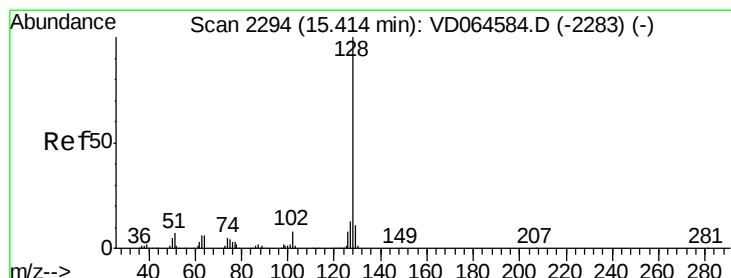
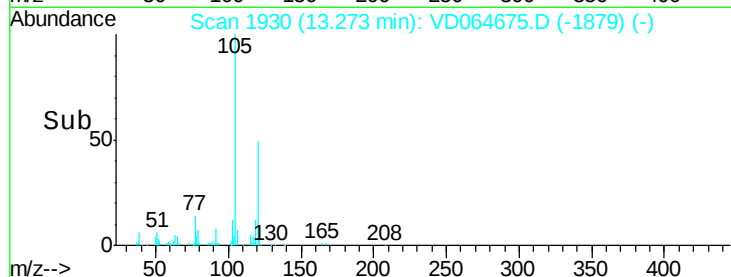
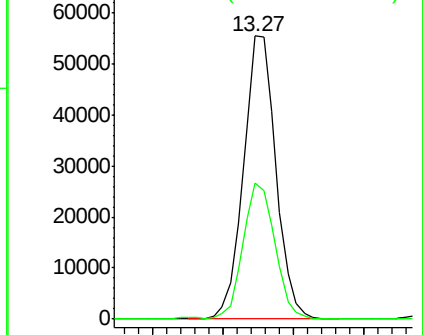
105 100

120 47.3 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 5.157 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064675.D

Acq: 30 Dec 2019 13:43

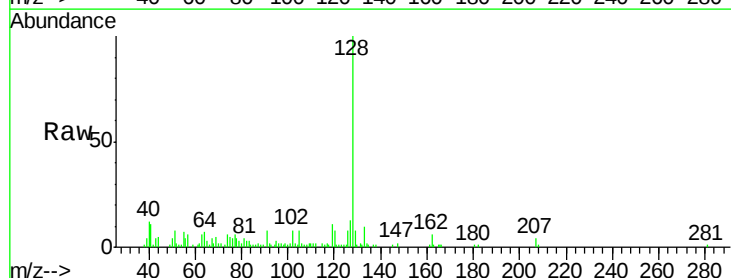
Tgt Ion:128 Resp: 50609

Ion Ratio Lower Upper

128 100

127 16.1 10.3 15.5#

129 13.5 8.5 12.7#



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

