

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122319\
 Data File : VD064577.D
 Acq On : 23 Dec 2019 19:24
 Operator : VA/SY
 Sample : K6118-10
 Misc : 8.8G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-122319

Quant Time: Dec 24 06:30:51 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

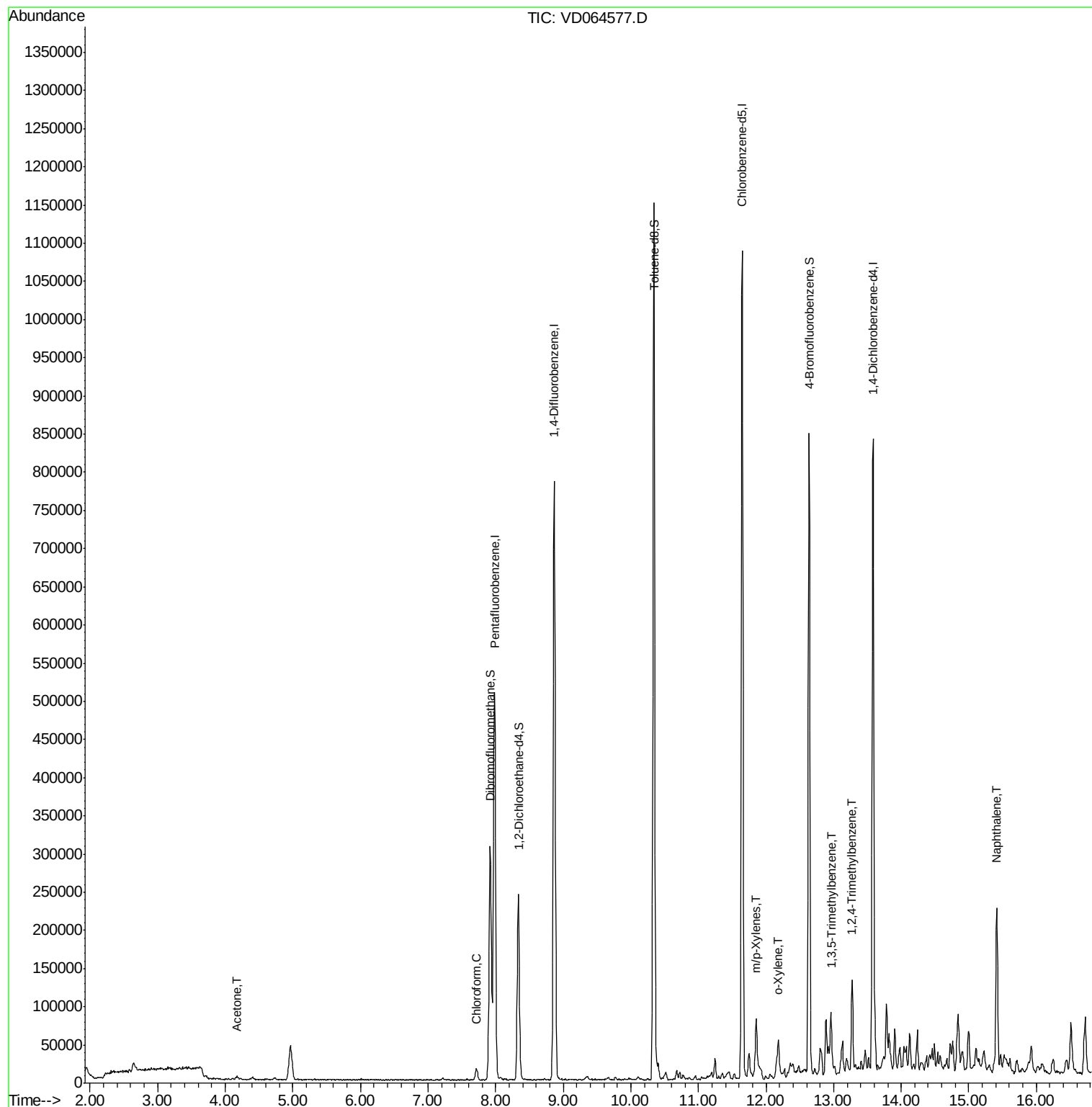
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	409155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	674358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	616617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	226147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	190194	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	7.92	113	214086	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	10.34	98	776546	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.64	95	250497	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						
16) Acetone	4.17	43	7033	9.397	ug/l #	53
30) Chloroform	7.71	83	13740	1.942	ug/l	85
68) m/p-Xylenes	11.85	106	19340	2.217	ug/l	98
69) o-Xylene	12.18	106	12542	1.557	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	20407	1.535	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	65838	4.926	ug/l	98
95) Naphthalene	15.41	128	189200	22.722	ug/l	98

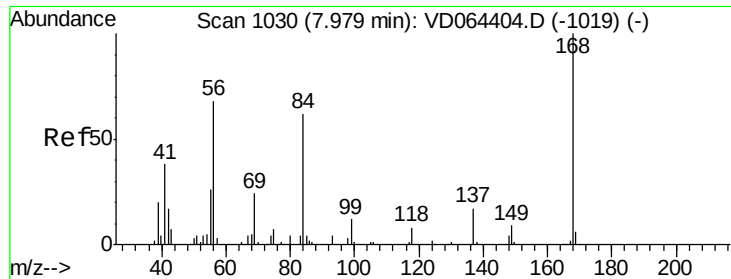
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1031

Delta R.T. 0.01 min

Lab File: VD064577.D

Acq: 23 Dec 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

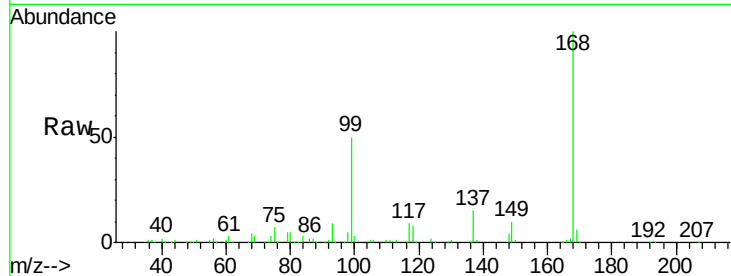
SU-01-122319

Tot Ion:168 Resp: 409155

Ion Ratio Lower Upper

168 100

99 49.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

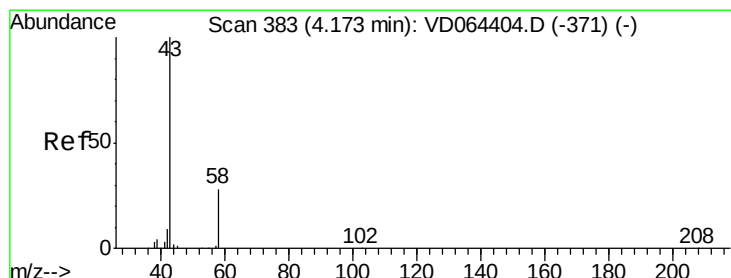
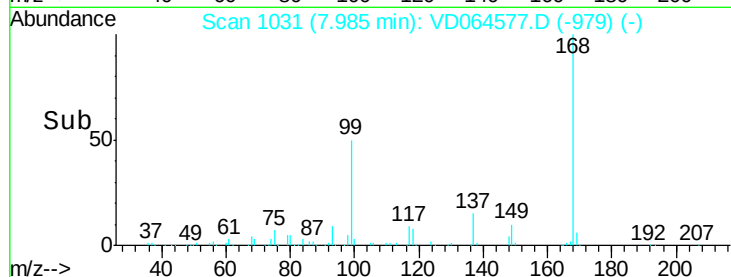
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.397 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.00 min

Lab File: VD064577.D

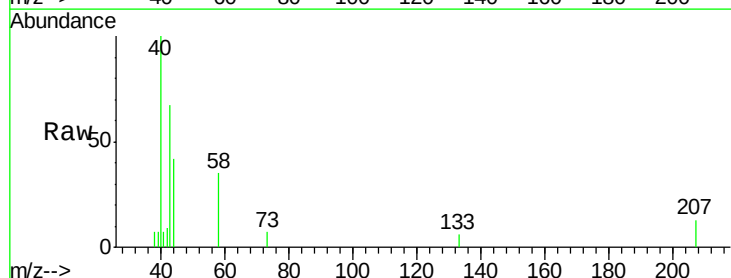
Acq: 23 Dec 2019 19:24

Tgt Ion: 43 Resp: 7033

Ion Ratio Lower Upper

43 100

58 52.9 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

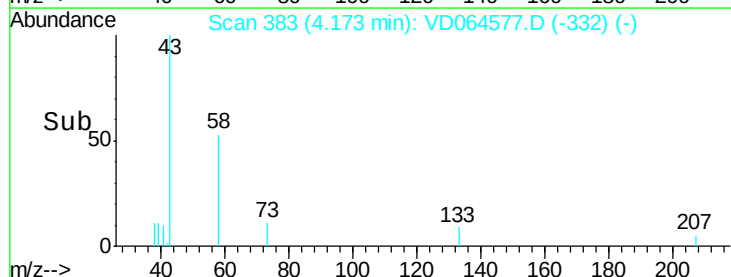
1500

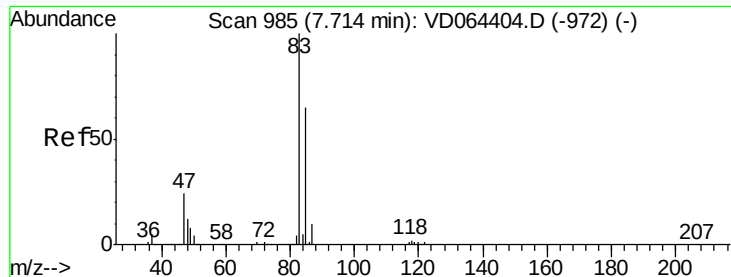
1000

500

0

Time-->

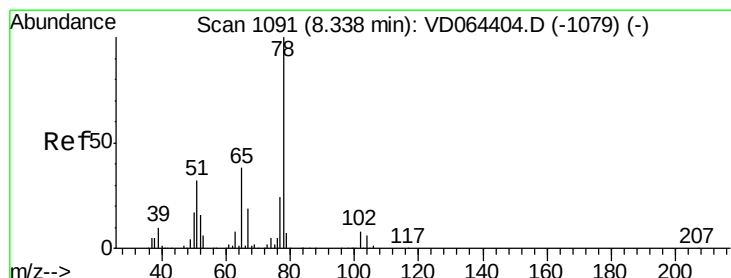
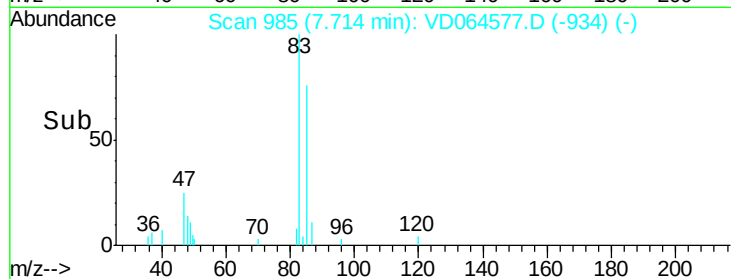
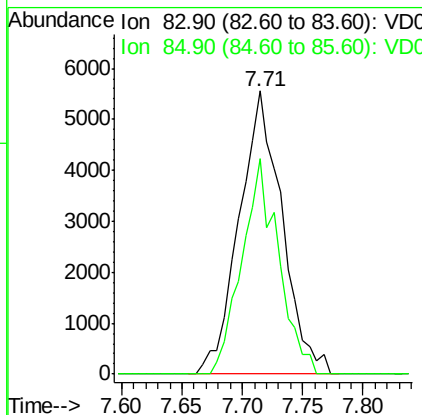
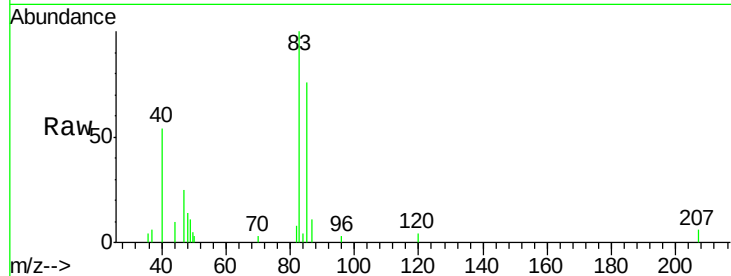




#30
Chloroform
Concen: 1.942 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064577.D
Acq: 23 Dec 2019 19:24

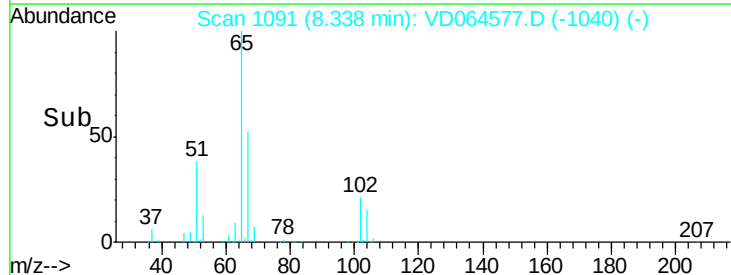
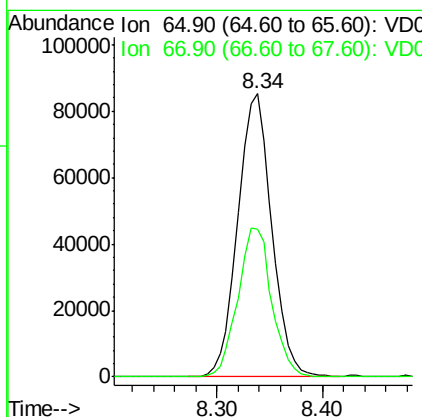
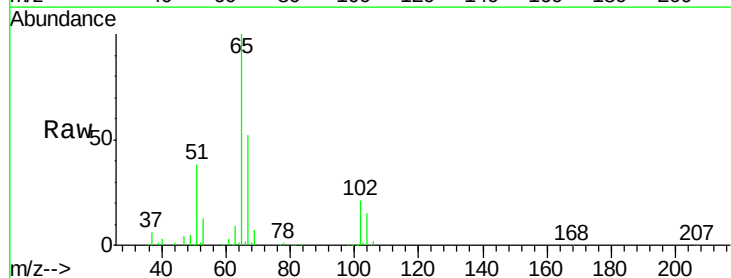
Instrument :
MSVOA_D
ClientSampleId :
SU-01-122319

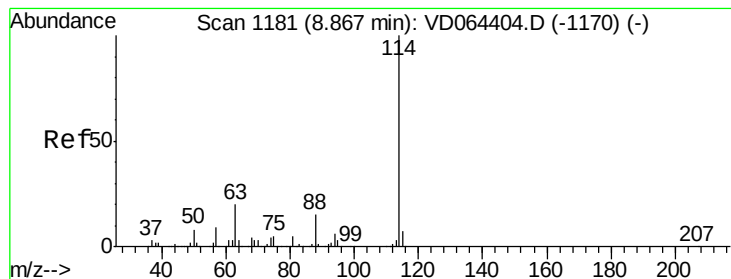
Tot Ion: 83 Resp: 13740
Ion Ratio Lower Upper
83 100
85 76.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 51.356 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064577.D
Acq: 23 Dec 2019 19:24

Tgt Ion: 65 Resp: 190194
Ion Ratio Lower Upper
65 100
67 52.4 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: VD064577.D

Acq: 23 Dec 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

SU-01-122319

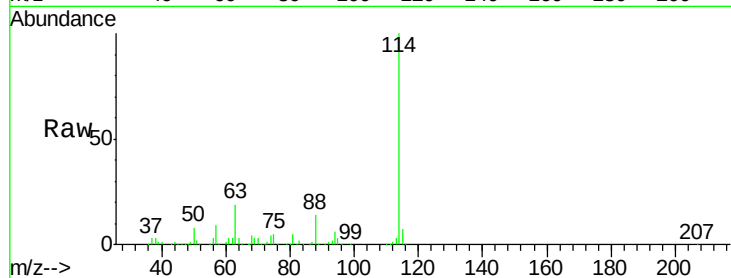
Tot Ion:114 Resp: 674358

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

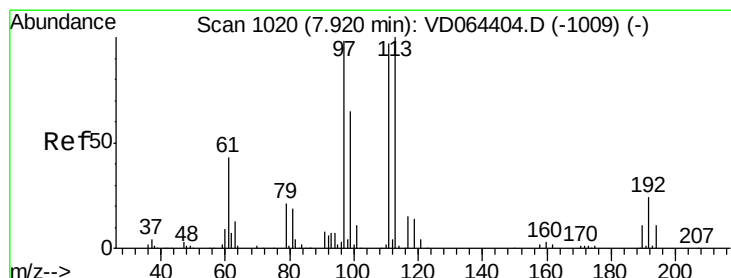
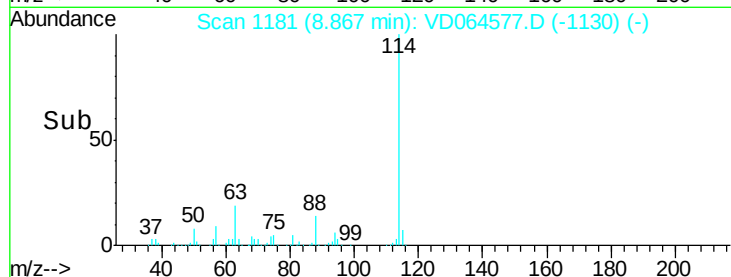
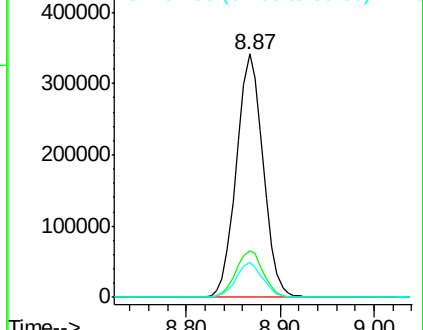
88 14.3 0.0 29.2



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: 50.387 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064577.D

Acq: 23 Dec 2019 19:24

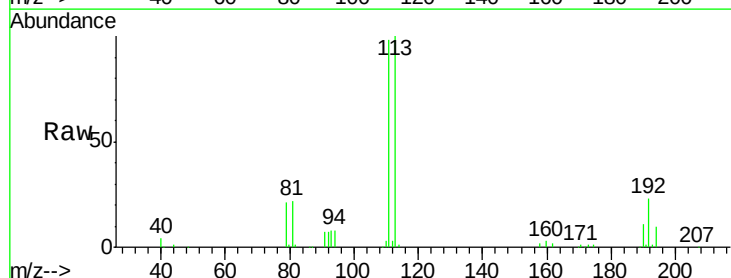
Tgt Ion:113 Resp: 214086

Ion Ratio Lower Upper

113 100

111 101.2 79.4 119.2

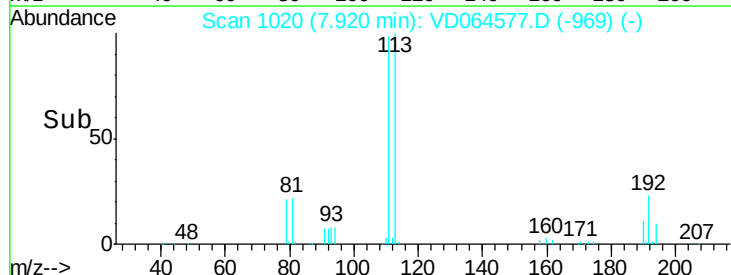
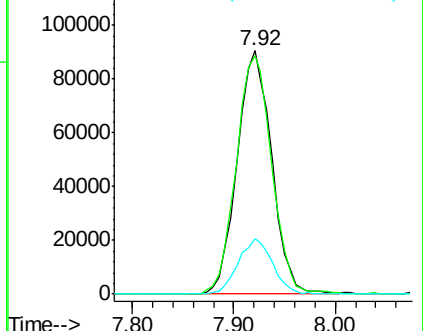
192 22.5 18.6 28.0

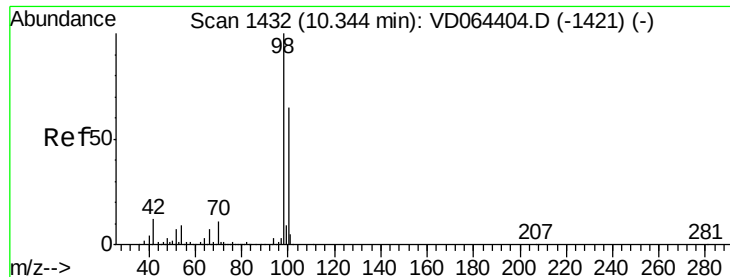


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.520 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064577.D

Acq: 23 Dec 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

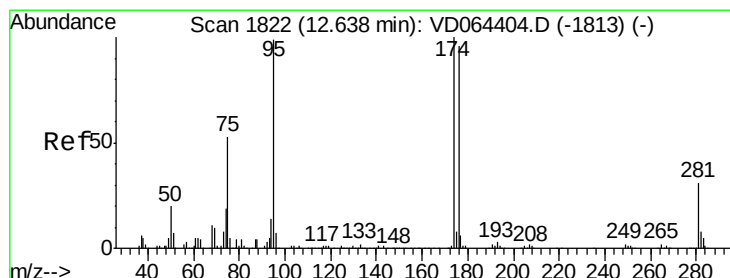
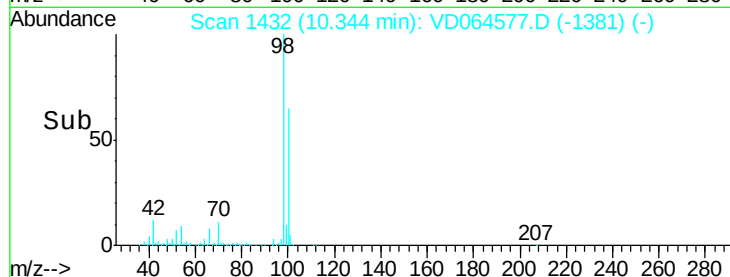
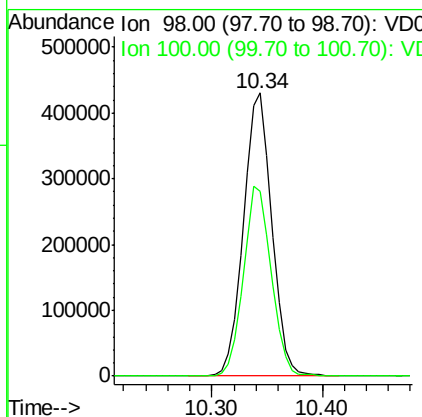
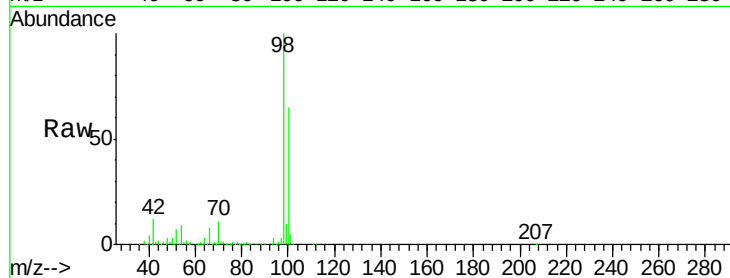
SU-01-122319

Tot Ion: 98 Resp: 776546

Ion Ratio Lower Upper

98 100

100 66.2 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 48.702 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064577.D

Acq: 23 Dec 2019 19:24

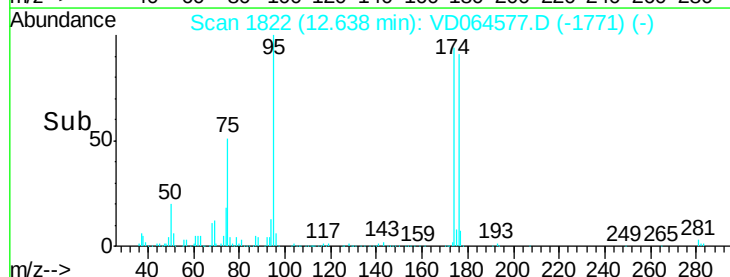
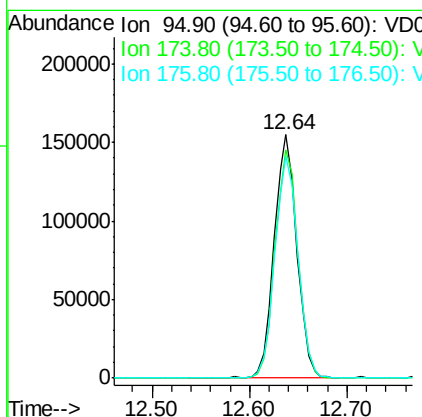
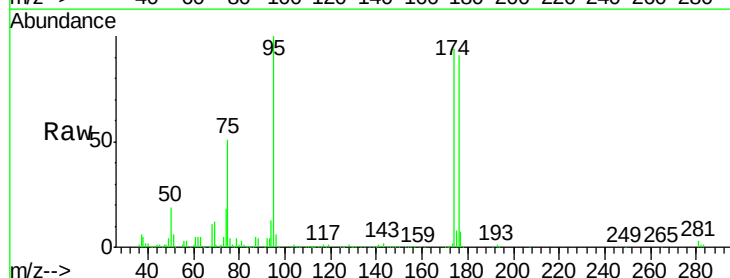
Tgt Ion: 95 Resp: 250497

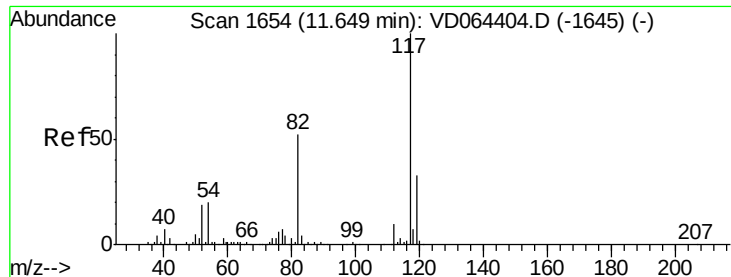
Ion Ratio Lower Upper

95 100

174 94.5 0.0 197.2

176 92.6 0.0 189.6

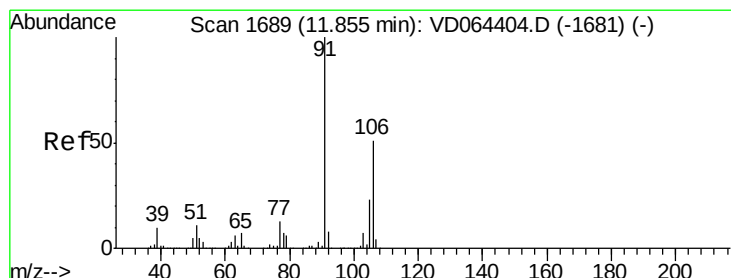
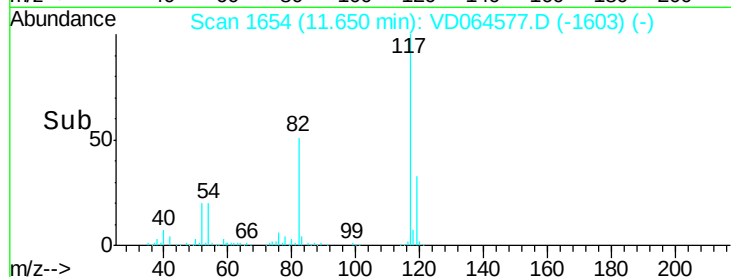
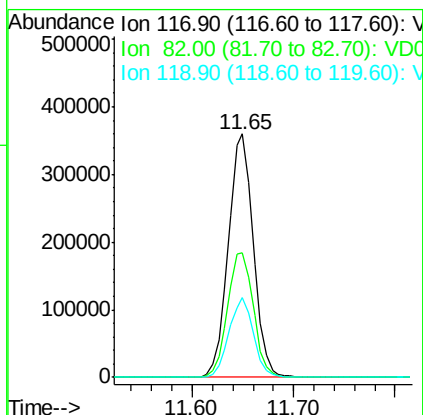
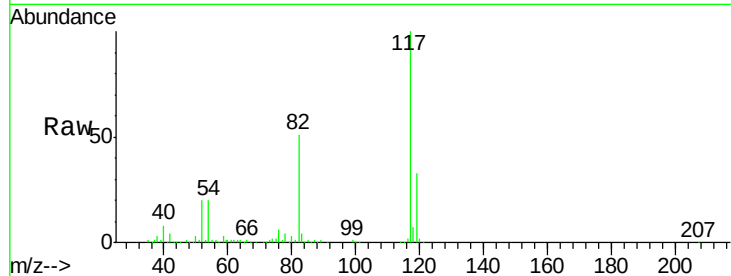




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064577.D
Acq: 23 Dec 2019 19:24

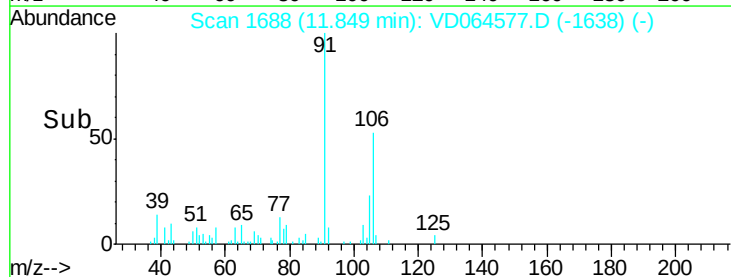
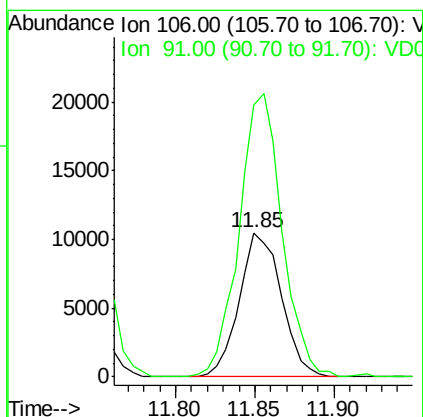
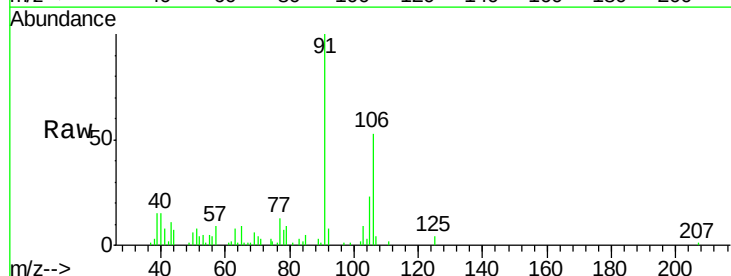
Instrument :
MSVOA_D
ClientSampleId :
SU-01-122319

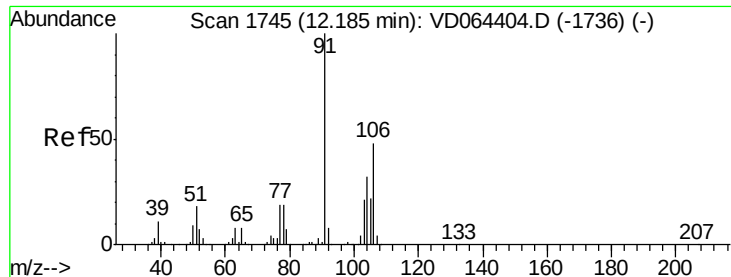
Tot Ion:117 Resp: 616617
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 32.8 26.2 39.2



#68
m/p-Xylenes
Concen: 2.217 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD064577.D
Acq: 23 Dec 2019 19:24

Tgt Ion:106 Resp: 19340
Ion Ratio Lower Upper
106 100
91 200.2 157.4 236.2

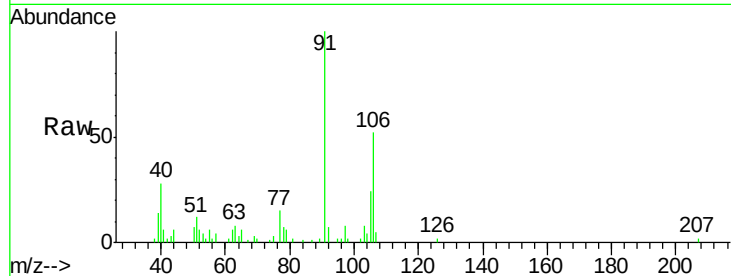




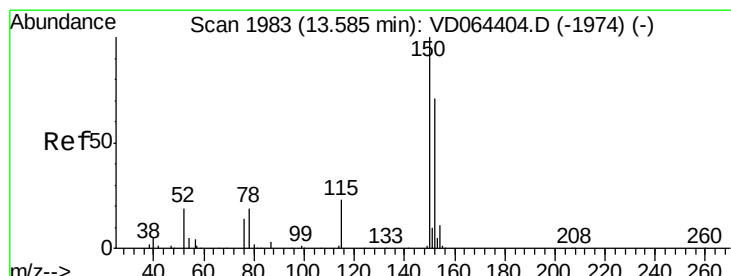
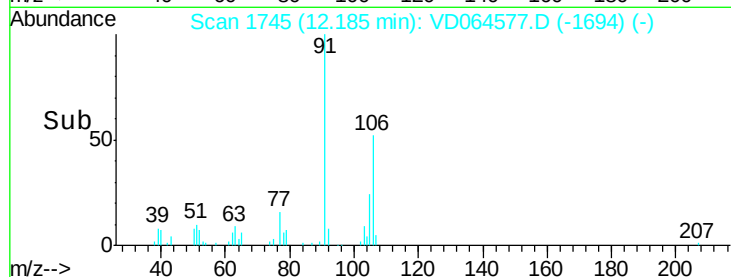
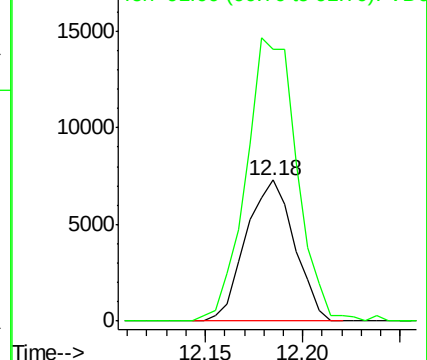
#69
o-Xylene
Concen: 1.557 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064577.D
Acq: 23 Dec 2019 19:24

Instrument :
MSVOA_D
ClientSampleId :
SU-01-122319

Tot Ion:106 Resp: 12542
Ion Ratio Lower Upper
106 100
91 211.2 103.8 311.4

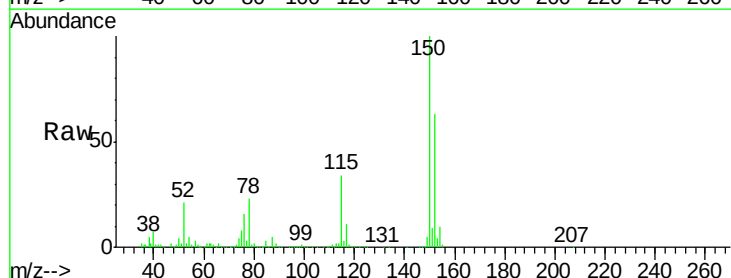


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

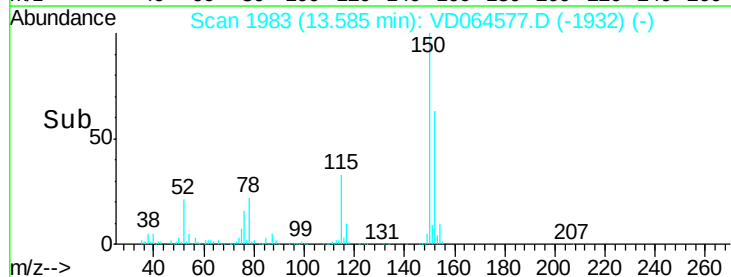
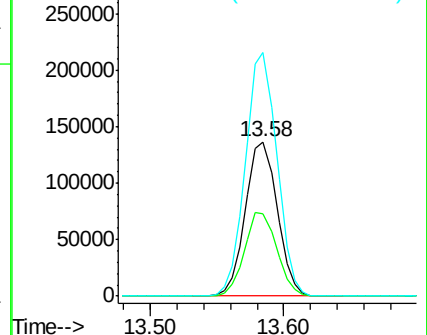


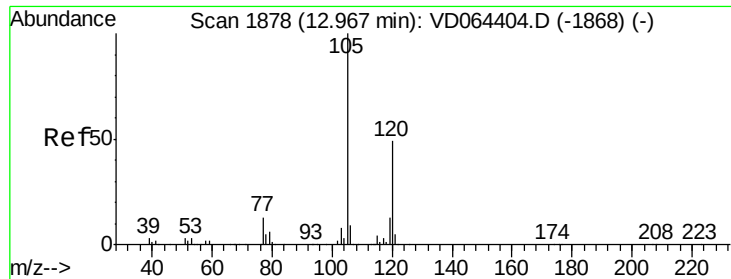
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064577.D
Acq: 23 Dec 2019 19:24

Tgt Ion:152 Resp: 226147
Ion Ratio Lower Upper
152 100
115 54.9 26.7 80.1
150 156.1 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

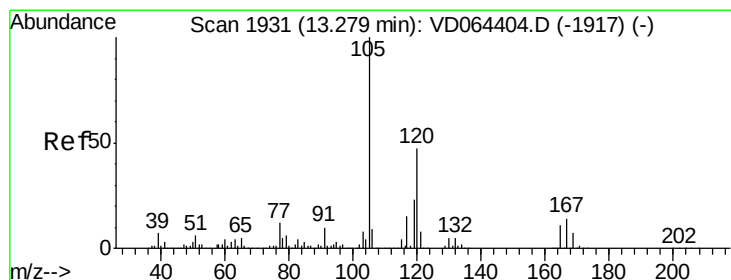
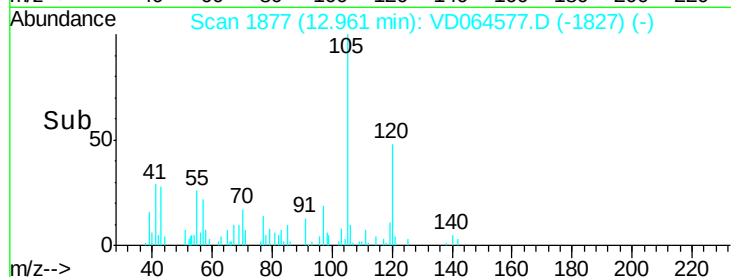
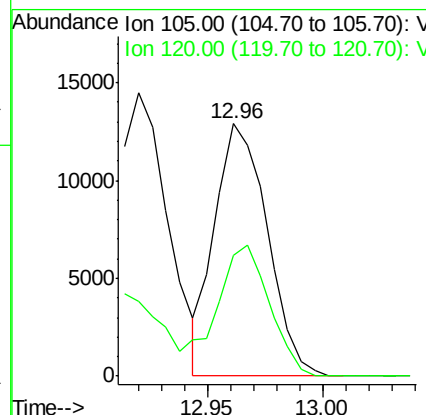
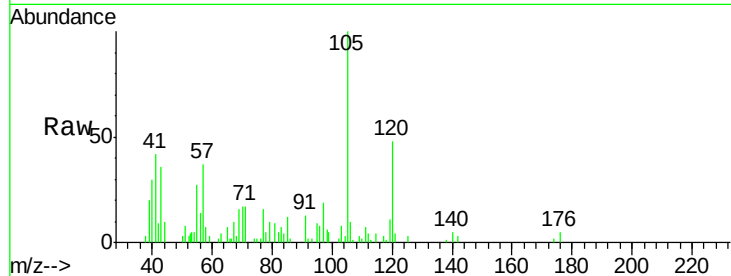




#80
 1,3,5-Trimethylbenzene
 Concen: 1.535 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD064577.D
 Acq: 23 Dec 2019 19:24

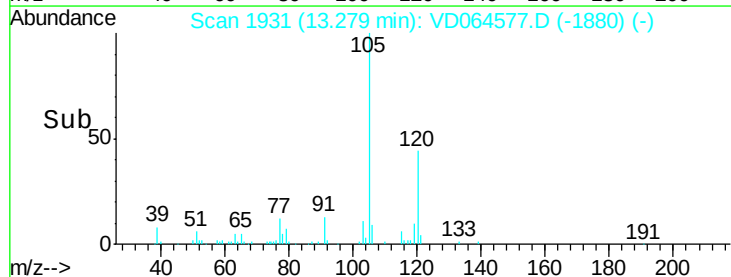
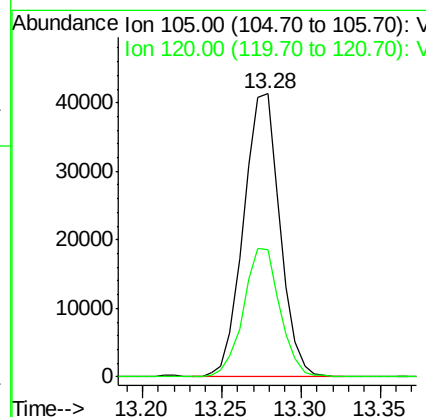
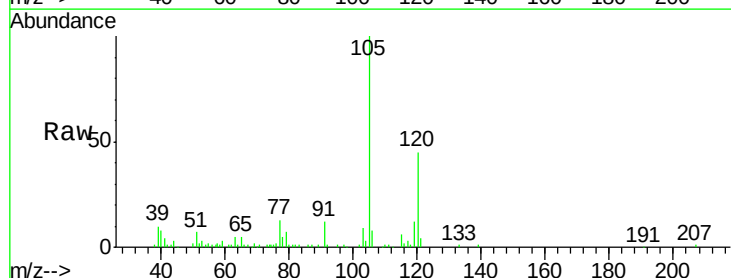
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-122319

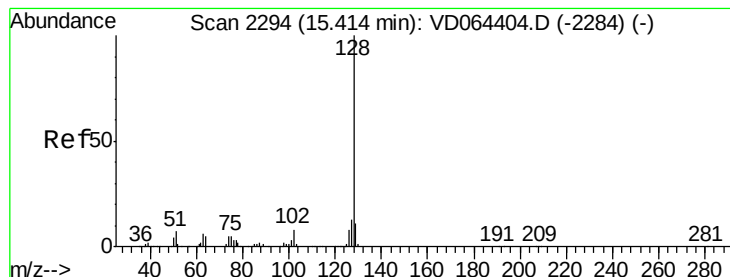
Tot Ion:105 Resp: 20407
 Ion Ratio Lower Upper
 105 100
 120 52.6 25.1 75.3



#84
 1,2,4-Trimethylbenzene
 Concen: 4.926 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD064577.D
 Acq: 23 Dec 2019 19:24

Tgt Ion:105 Resp: 65838
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.6 70.8





#95

Naphthalene

Concen: 22.722 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064577.D

Acq: 23 Dec 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

SU-01-122319

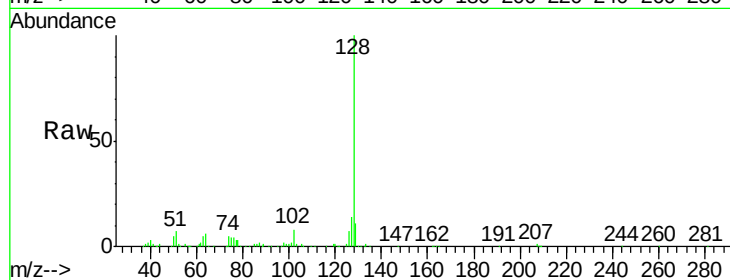
Tot Ion:128 Resp: 189200

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 11.4 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

