

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013875.D
 Acq On : 10 Dec 2019 01:30
 Operator : JC/SP
 Sample : K6111-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-120619

Quant Time: Dec 10 05:51:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

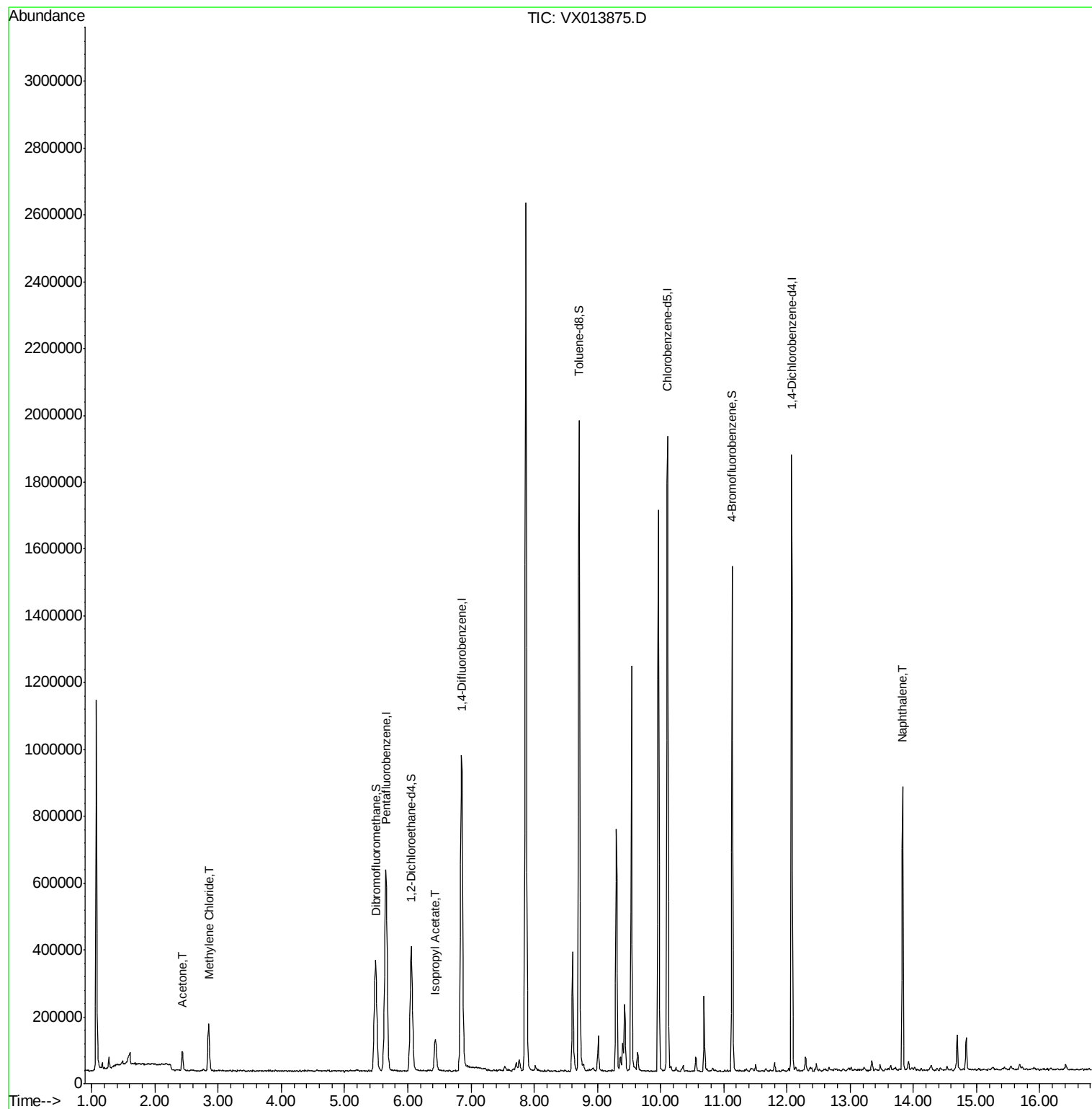
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	636623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	960783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	872607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	386536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	345207	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
35) Dibromofluoromethane	5.49	113	289423	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	1151019	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.14	95	385847	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
Target Compounds						
16) Acetone	2.44	43	61375	16.822	ug/l	99
20) Methylene Chloride	2.85	84	67457	9.624	ug/l	97
43) Isopropyl Acetate	6.43	43	132719	8.239	ug/l	99
95) Naphthalene	13.83	128	533433	20.373	ug/l	100

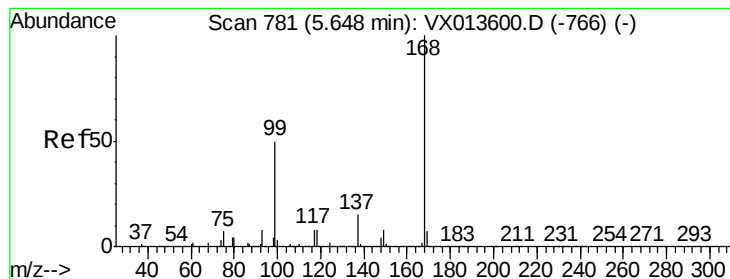
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013875.D

Acq: 10 Dec 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

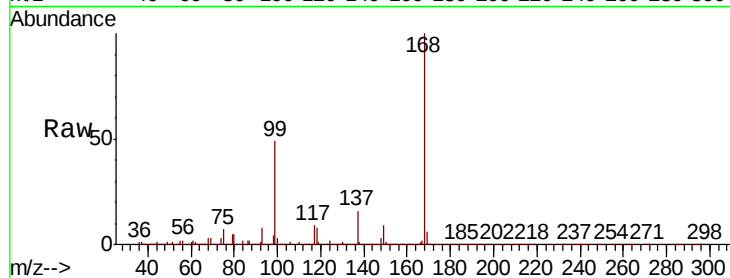
CL-01-120619

Tot Ion:168 Resp: 636623

Ion Ratio Lower Upper

168 100

99 49.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

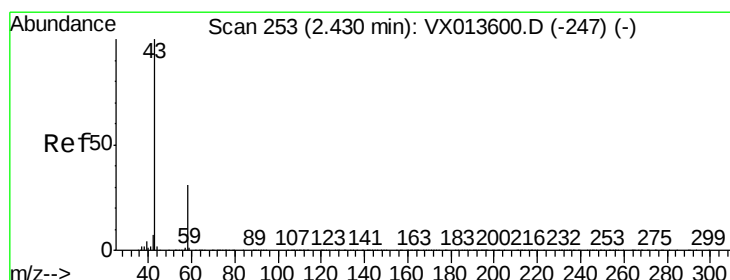
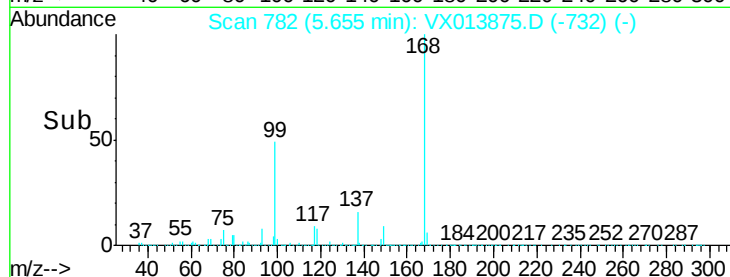
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.822 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013875.D

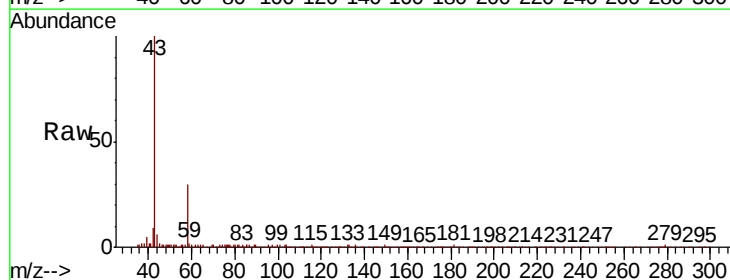
Acq: 10 Dec 2019 01:30

Tgt Ion: 43 Resp: 61375

Ion Ratio Lower Upper

43 100

58 30.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

40000

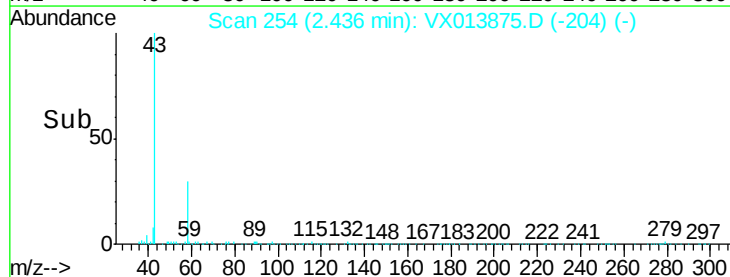
30000

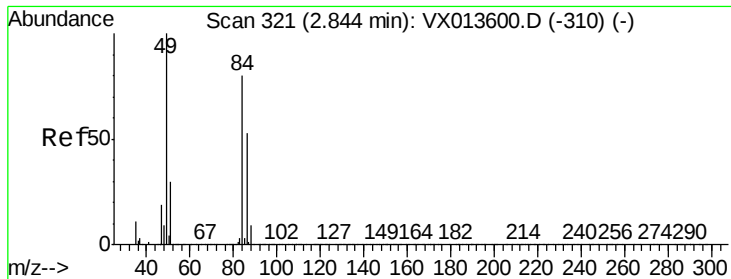
20000

10000

0

Time-->

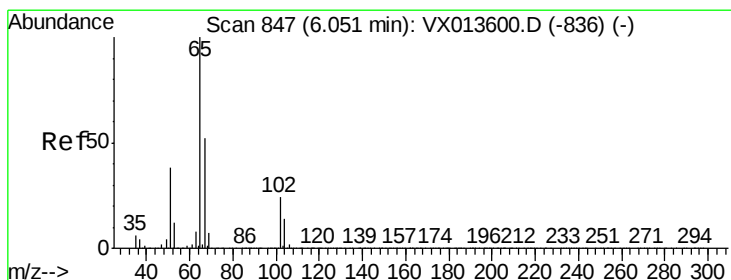
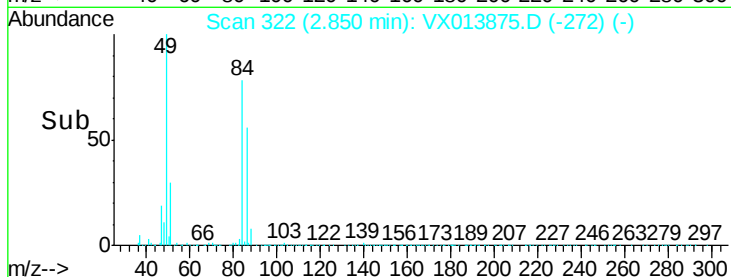
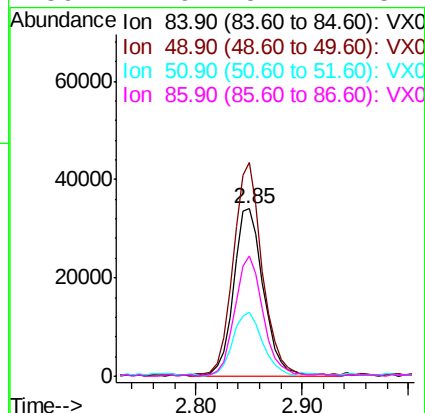
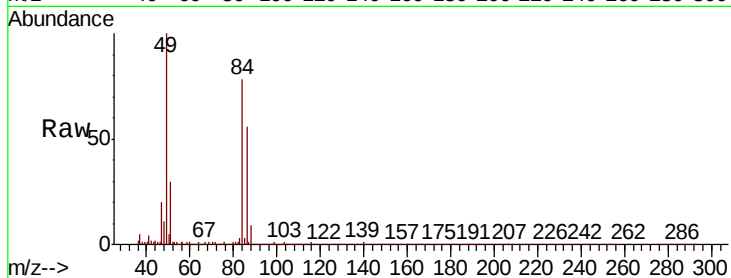




#20
Methvlene Chloride
Concen: 9.624 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013875.D
Acq: 10 Dec 2019 01:30

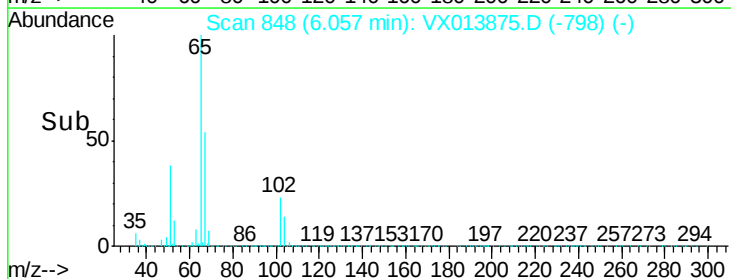
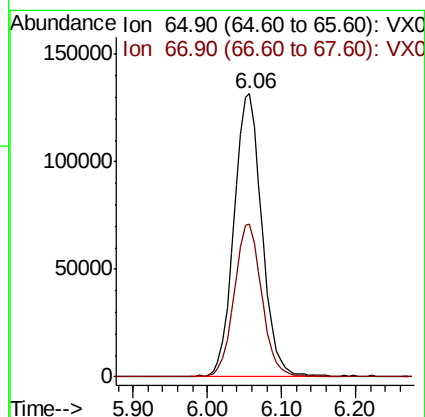
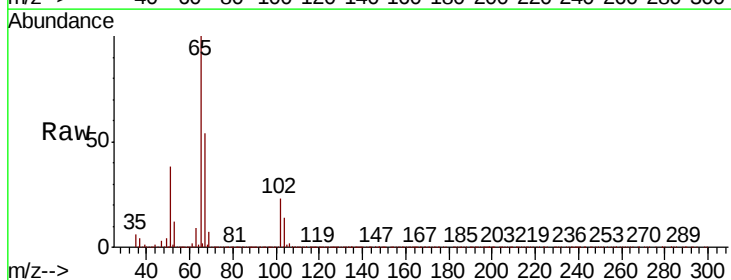
Instrument :
MSVOA_X
ClientSampleId :
CL-01-120619

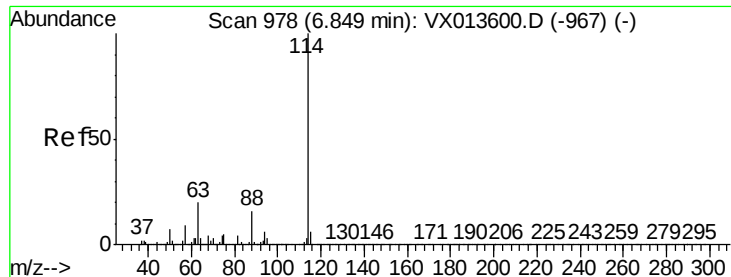
Tot Ion:	84	Resp:	67457
Ion	Ratio	Lower	Upper
84	100		
49	127.1	99.7	149.5
51	37.4	29.9	44.9
86	71.6	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 46.714 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013875.D
Acq: 10 Dec 2019 01:30

Tgt Ion:	65	Resp:	345207
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013875.D

Acq: 10 Dec 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

CL-01-120619

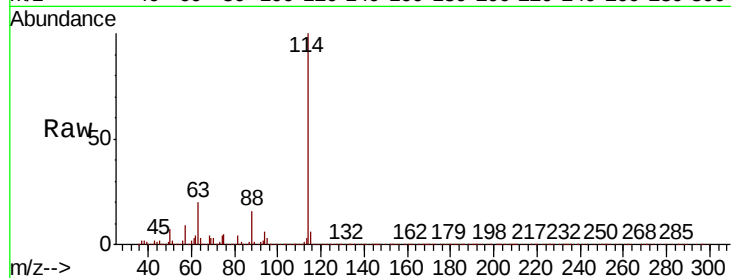
Tot Ion:114 Resp: 960783

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

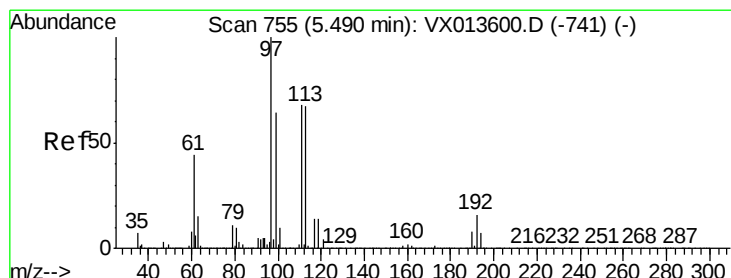
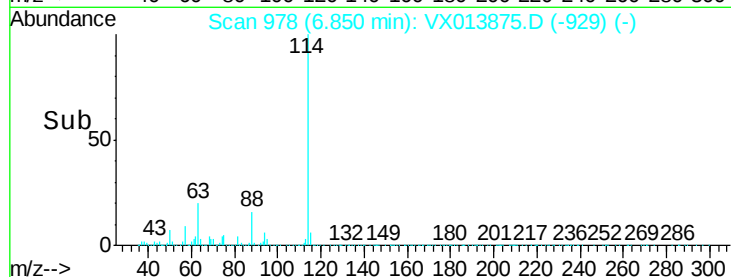
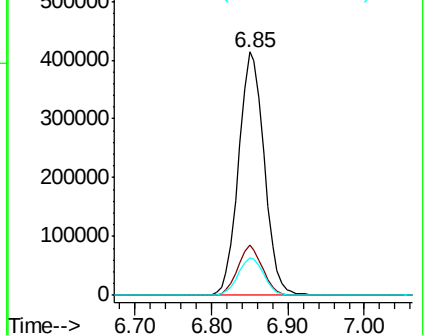
88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.727 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013875.D

Acq: 10 Dec 2019 01:30

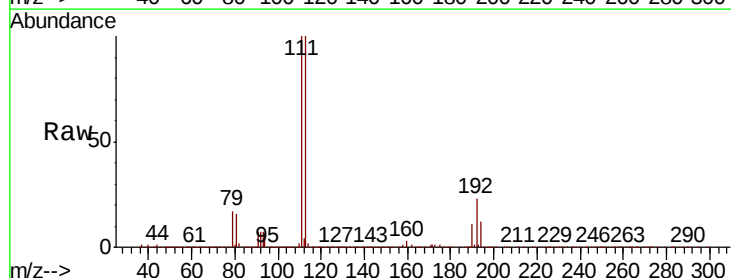
Tgt Ion:113 Resp: 289423

Ion Ratio Lower Upper

113 100

111 100.6 83.6 125.4

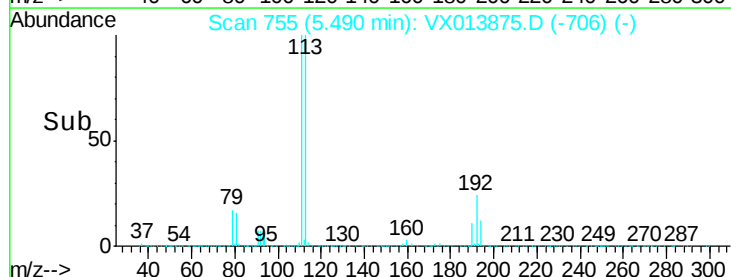
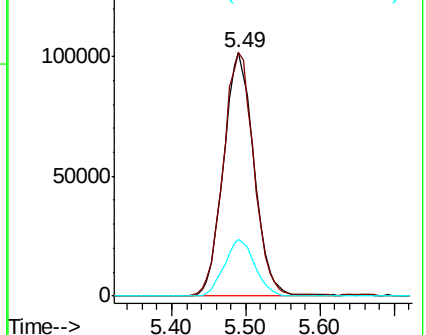
192 23.6 19.2 28.8

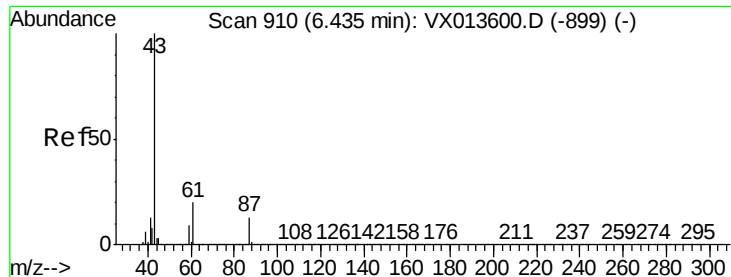


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.239 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013875.D

Acq: 10 Dec 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

CL-01-120619

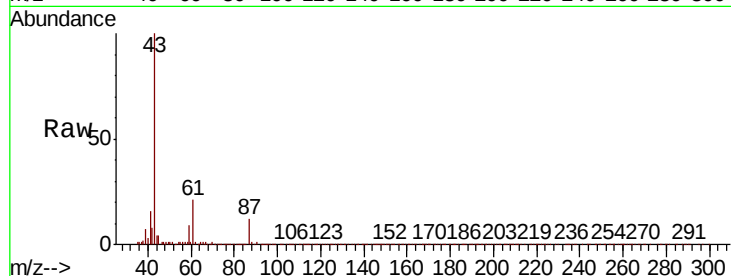
Tot Ion: 43 Resp: 132719

Ion Ratio Lower Upper

43 100

61 19.9 16.3 24.5

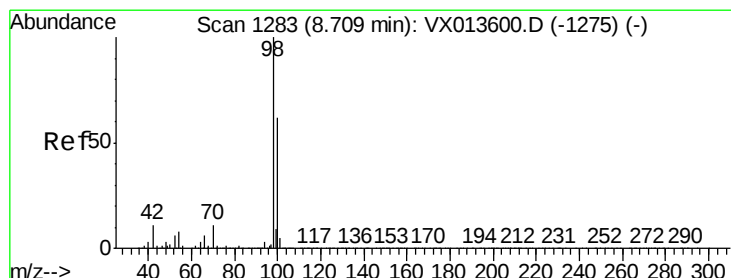
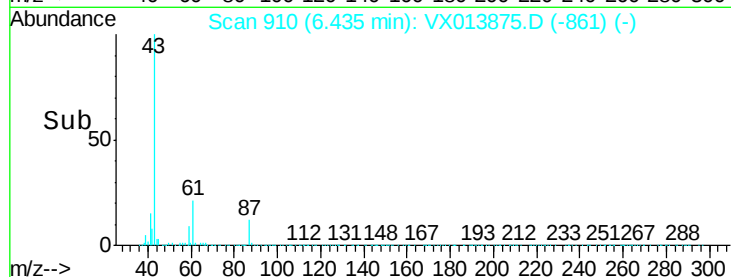
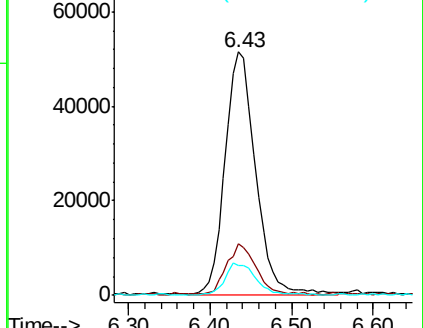
87 13.3 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.738 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013875.D

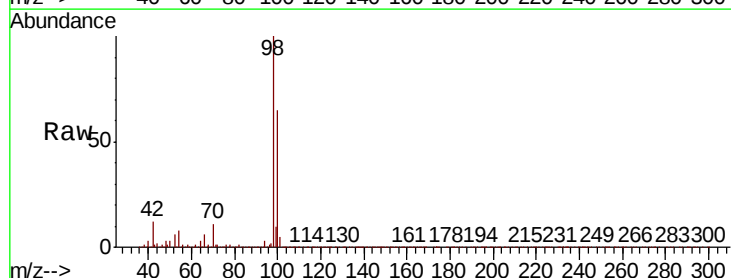
Acq: 10 Dec 2019 01:30

Tgt Ion: 98 Resp: 1151019

Ion Ratio Lower Upper

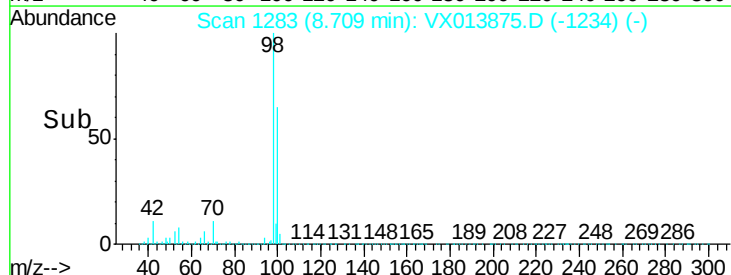
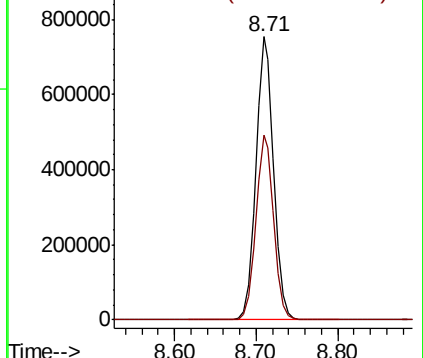
98 100

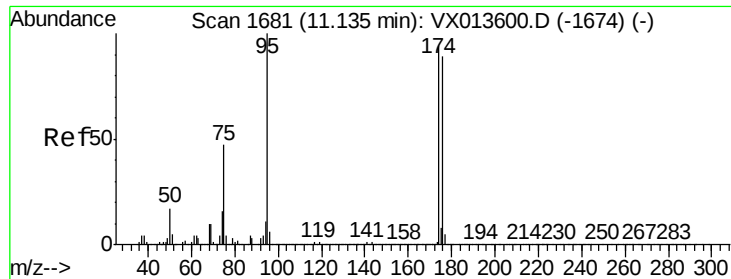
100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

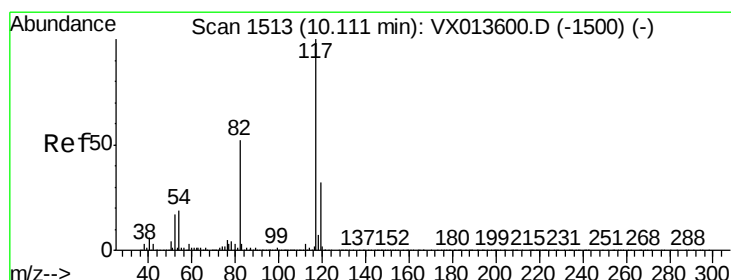
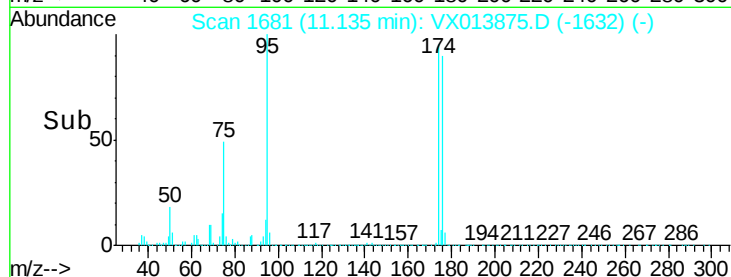
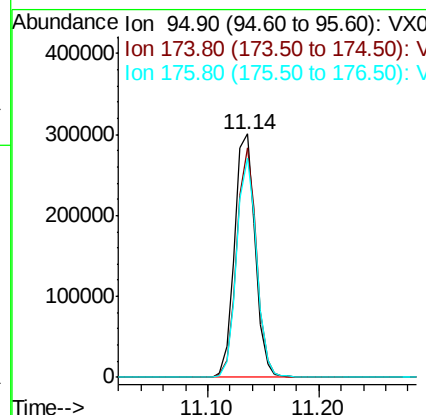
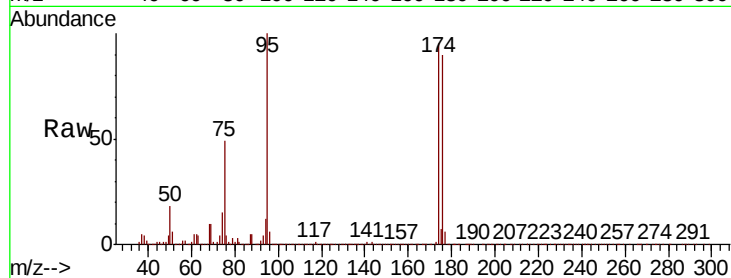




#62
4-Bromofluorobenzene
Concen: 46.237 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013875.D
Acq: 10 Dec 2019 01:30

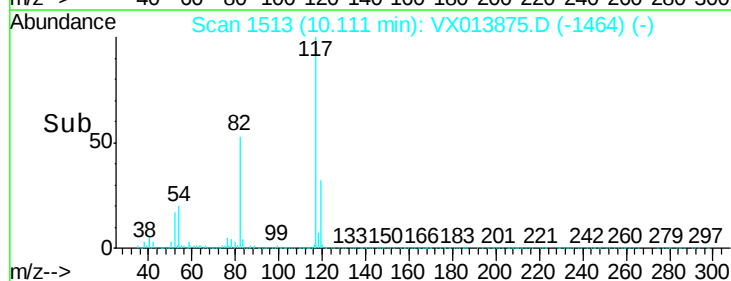
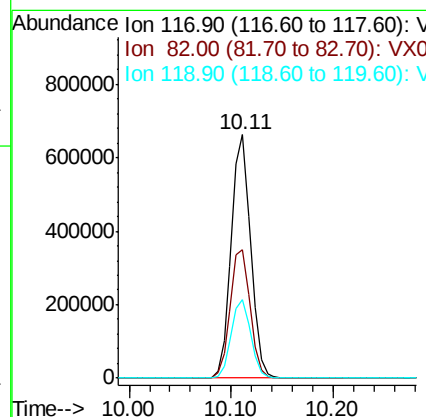
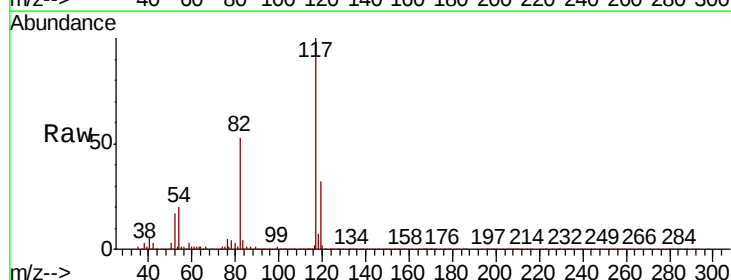
Instrument :
MSVOA_X
ClientSampleId :
CL-01-120619

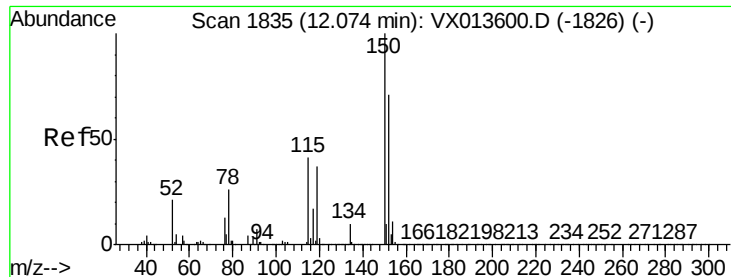
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	180.0
176	87.4	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013875.D
Acq: 10 Dec 2019 01:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.8
119	32.2	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013875.D

Acq: 10 Dec 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

CL-01-120619

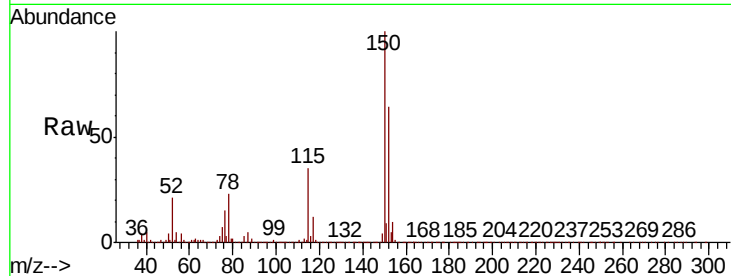
Tot Ion:152 Resp: 386536

Ion Ratio Lower Upper

152 100

115 55.8 38.4 115.1

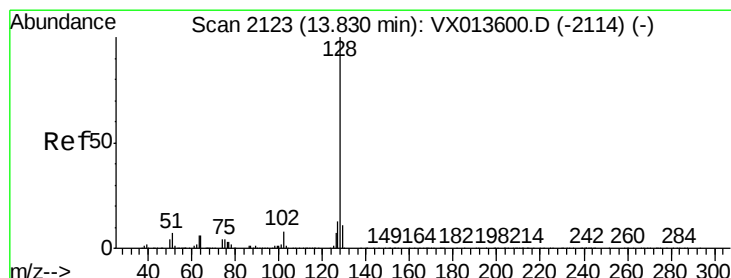
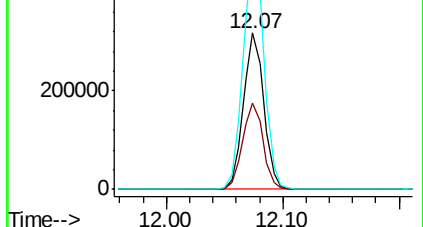
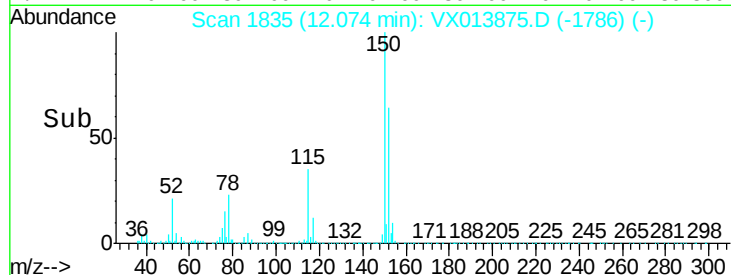
150 156.1 0.0 346.8



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: 20.373 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013875.D

Acq: 10 Dec 2019 01:30

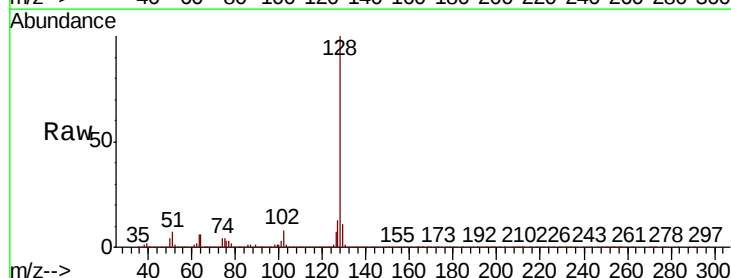
Tgt Ion:128 Resp: 533433

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.6 8.7 13.1



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

