

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013503.D
 Acq On : 21 Nov 2019 15:13
 Operator : JC/SP
 Sample : K5916-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 600429836

Quant Time: Nov 21 15:38:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

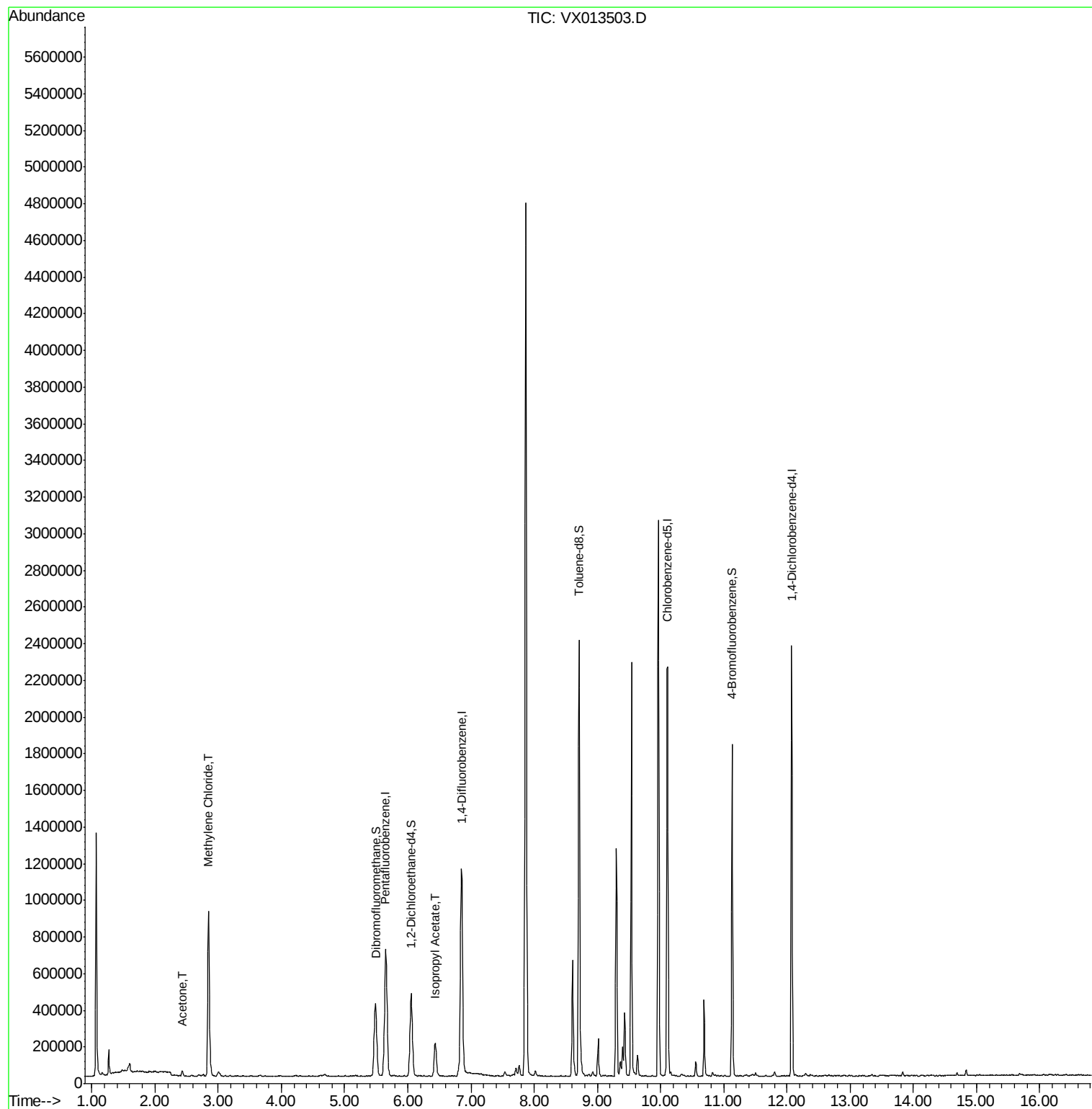
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	716250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1155057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1049527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	485099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	420958	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	5.48	113	344078	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	8.71	98	1394472	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	473745	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
Target Compounds						
16) Acetone	2.43	43	29751	7.029	ug/l	97
20) Methylene Chloride	2.85	84	429906	54.976	ug/l	97
43) Isopropyl Acetate	6.43	43	243772	12.785	ug/l	98

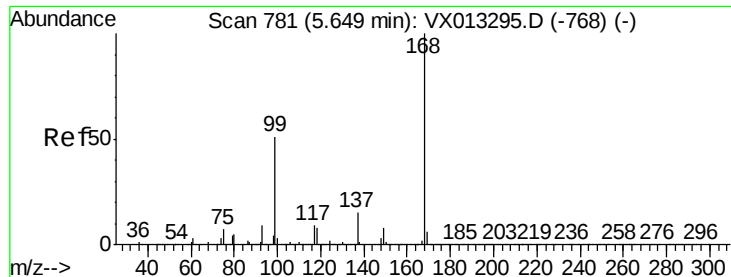
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013503.D

Acq: 21 Nov 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

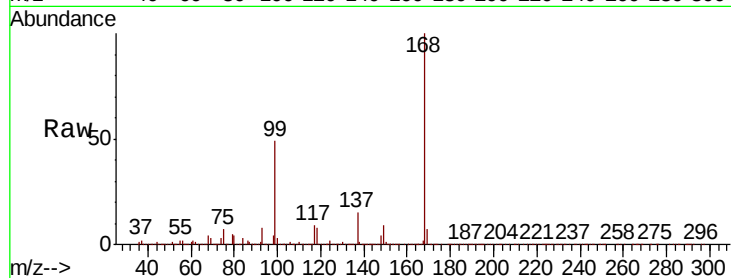
600429836

Tot Ion:168 Resp: 716250

Ion Ratio Lower Upper

168 100

99 49.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

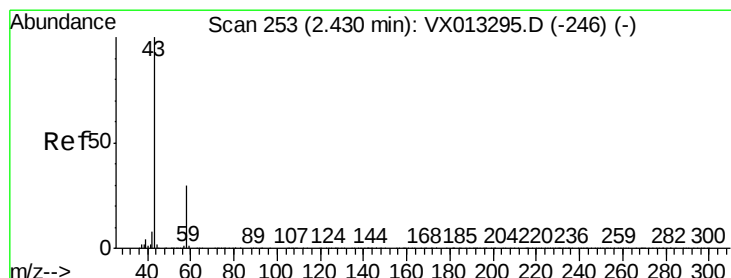
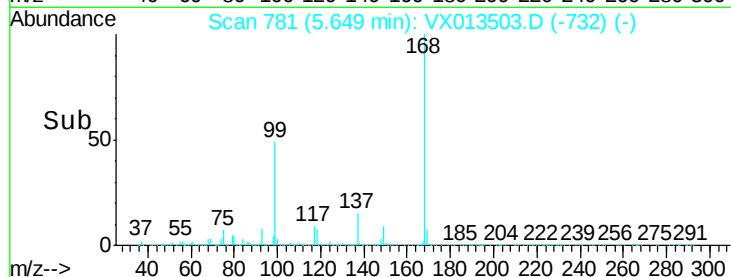
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.029 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013503.D

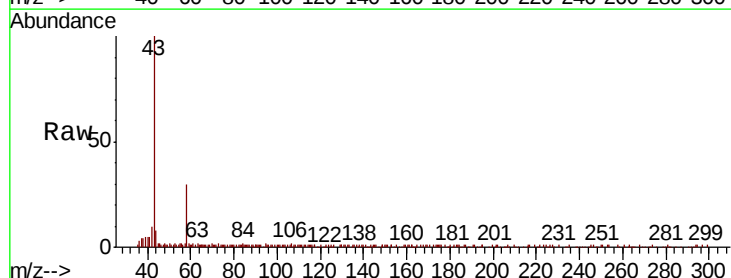
Acq: 21 Nov 2019 15:13

Tgt Ion: 43 Resp: 29751

Ion Ratio Lower Upper

43 100

58 28.8 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

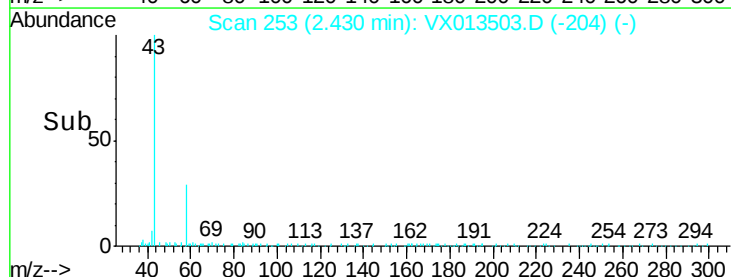
15000

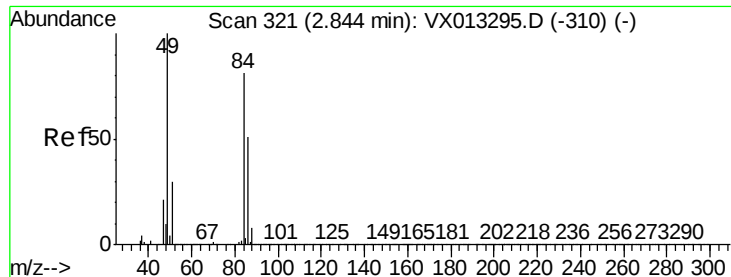
10000

5000

0

Time-->

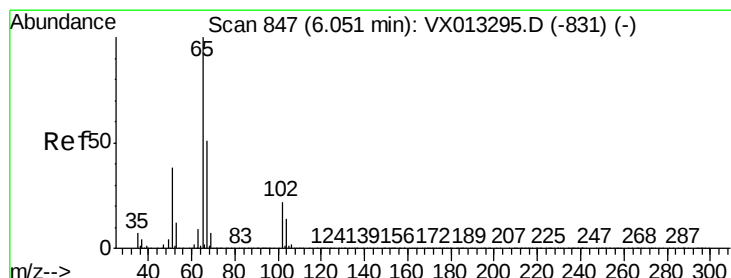
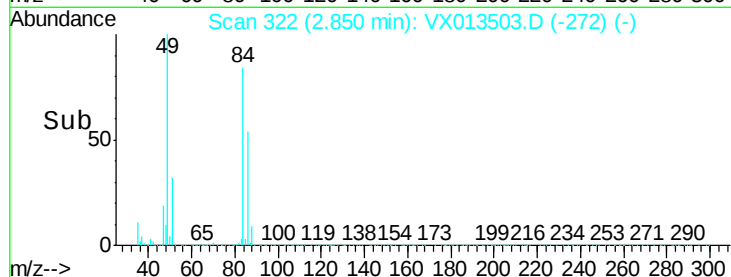
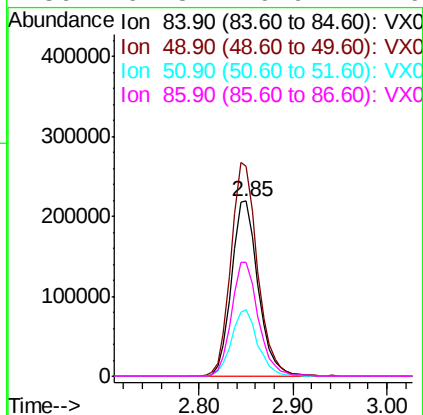
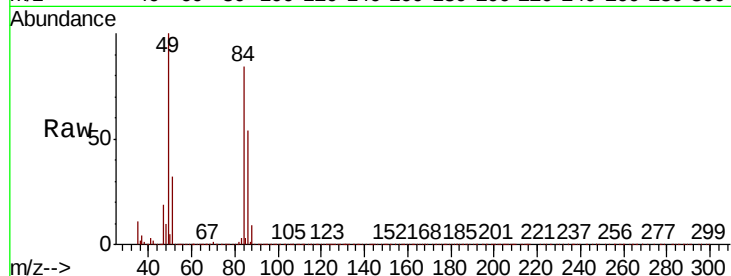




#20
Methvlene Chloride
Concen: 54.976 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013503.D
Acq: 21 Nov 2019 15:13

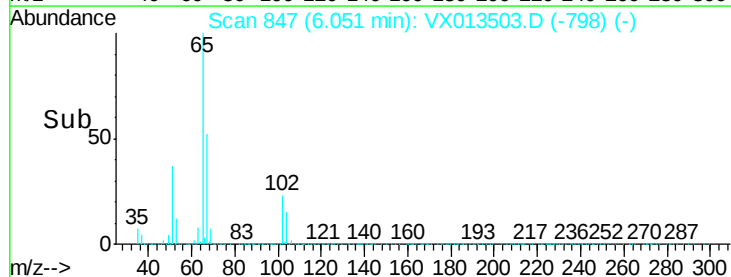
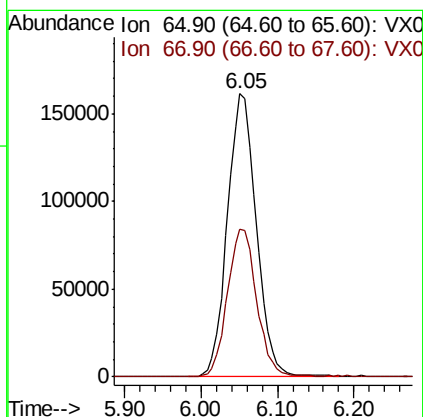
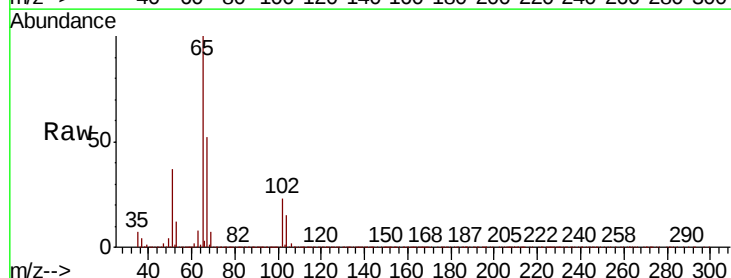
Instrument :
MSVOA_X
ClientSampleId :
600429836

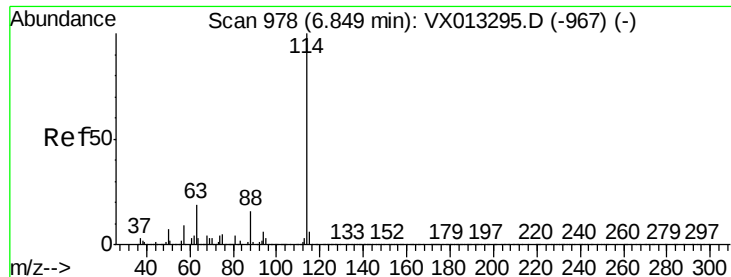
Tot Ion:	84	Resp:	429906
Ion	Ratio	Lower	Upper
84	100		
49	119.5	98.2	147.4
51	38.0	29.9	44.9
86	64.8	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 49.609 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013503.D
Acq: 21 Nov 2019 15:13

Tgt Ion:	65	Resp:	420958
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013503.D

Acq: 21 Nov 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

600429836

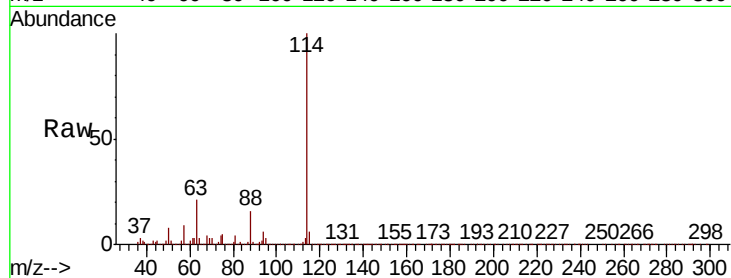
Tot Ion:114 Resp: 1155057

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

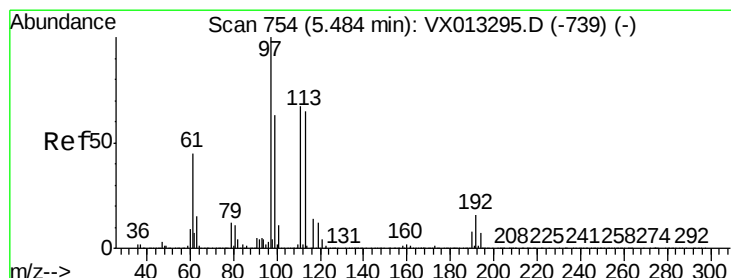
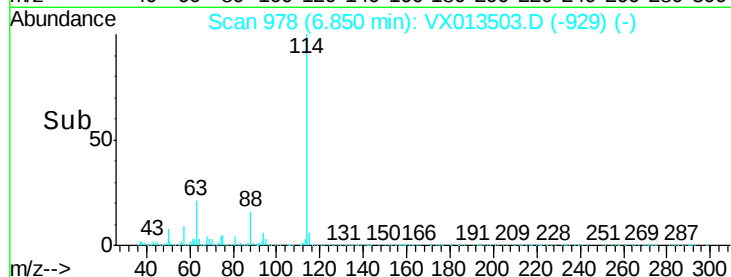
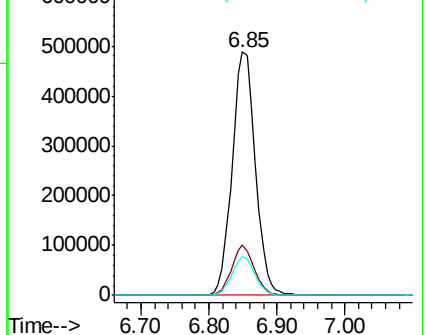
88 15.8 0.0 32.2



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: 47.494 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013503.D

Acq: 21 Nov 2019 15:13

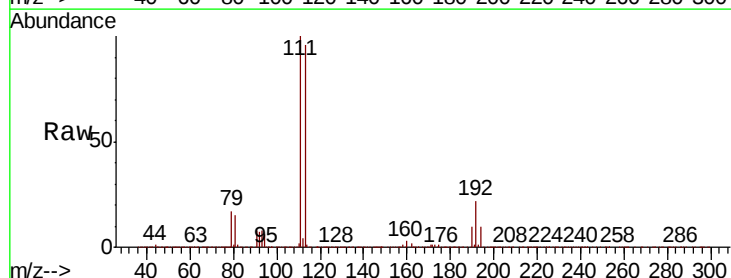
Tgt Ion:113 Resp: 344078

Ion Ratio Lower Upper

113 100

111 104.2 81.9 122.9

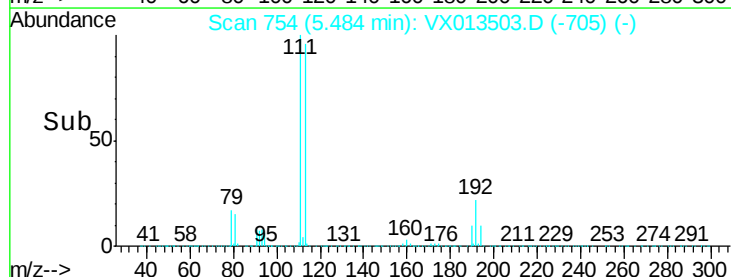
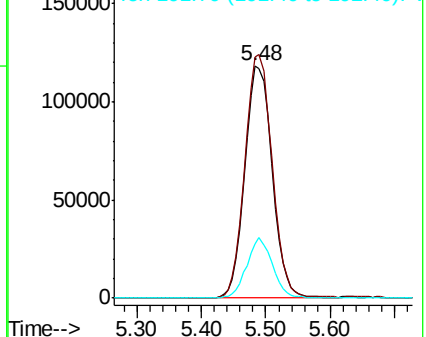
192 24.6 19.1 28.7

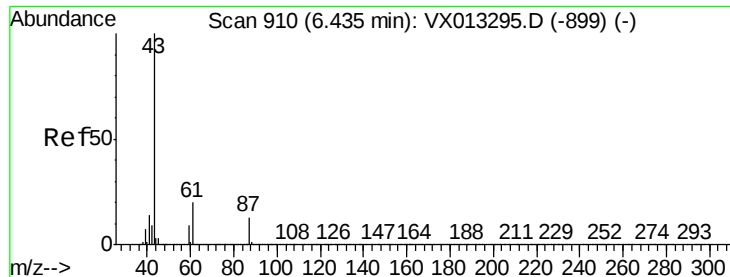


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



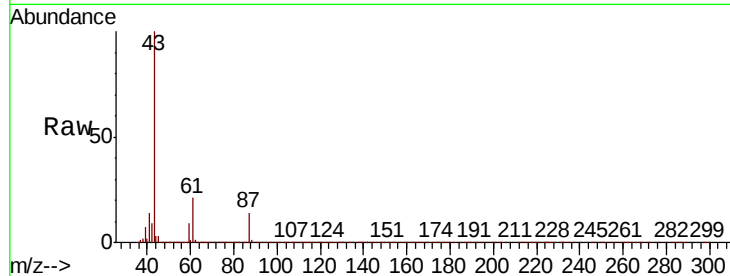


#43

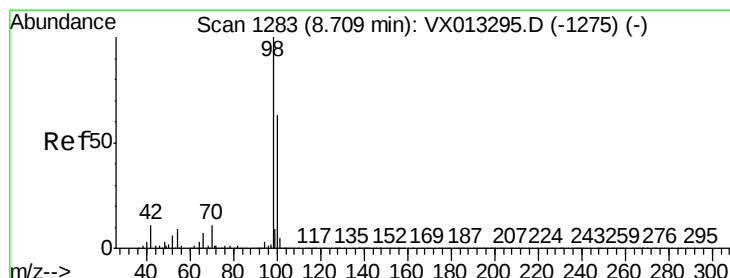
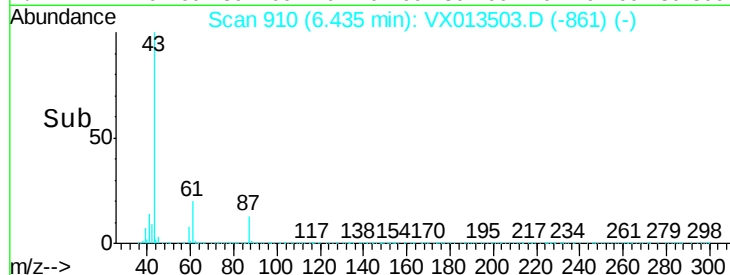
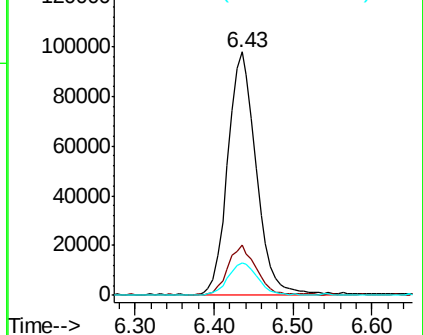
Isopropyl Acetate
 Concen: 12.785 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013503.D
 Acq: 21 Nov 2019 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 600429836

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.8	23.8
87	13.9	10.4	15.6



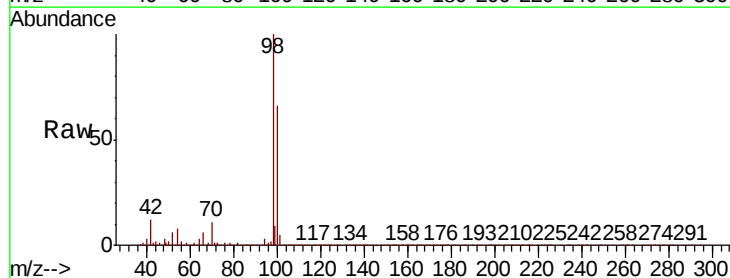
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



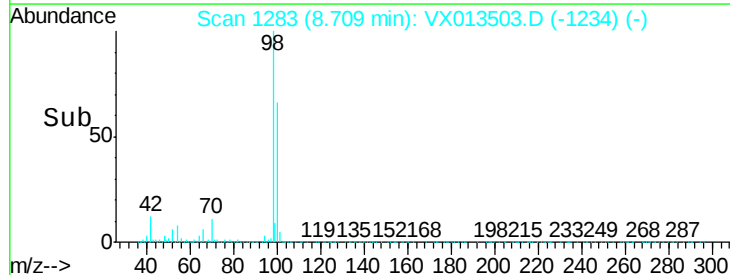
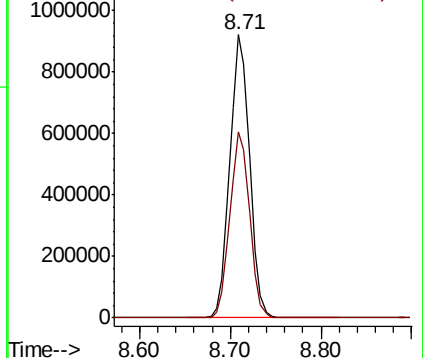
#50

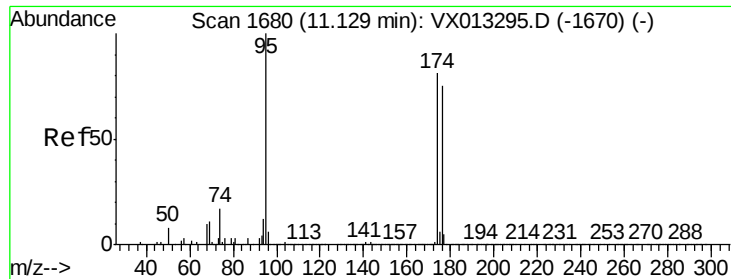
Toluene-d8
 Concen: 51.058 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013503.D
 Acq: 21 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

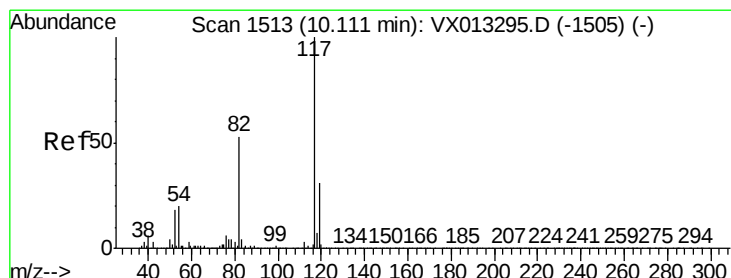
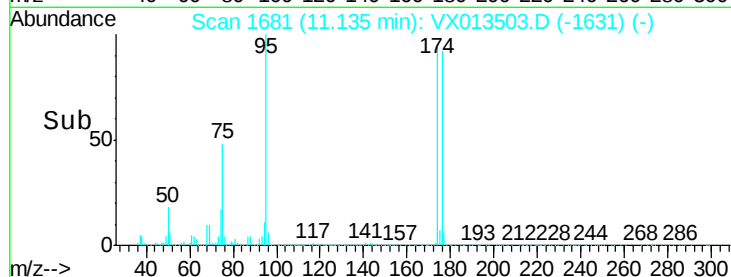
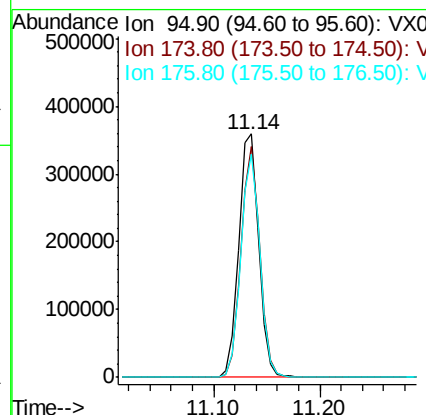
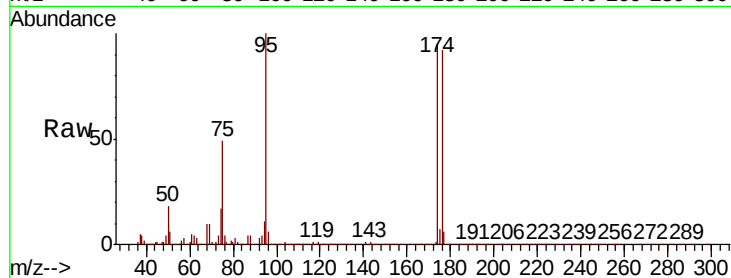




#62
4-Bromofluorobenzene
Concen: 48.062 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013503.D
Acq: 21 Nov 2019 15:13

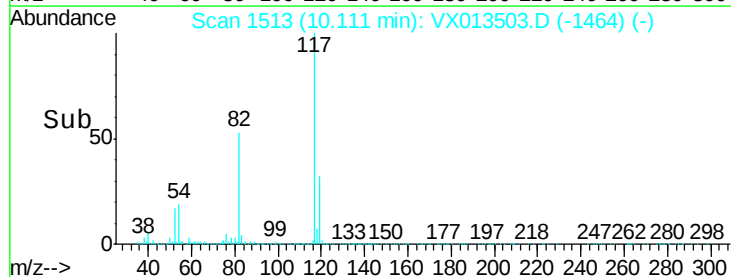
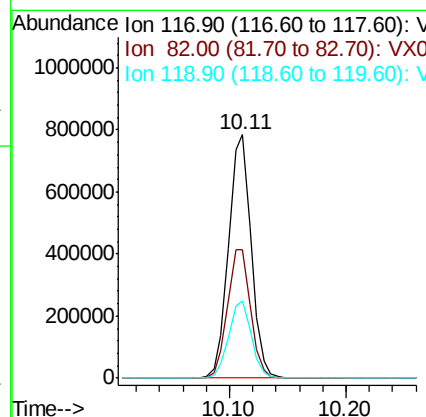
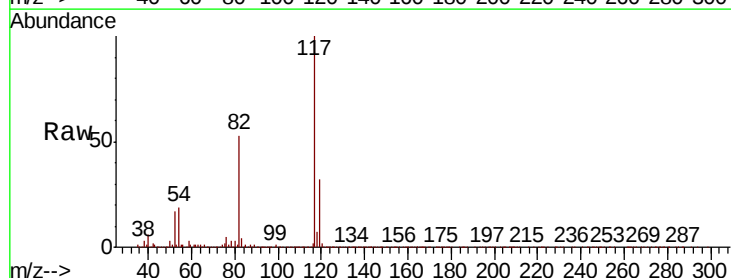
Instrument :
MSVOA_X
ClientSampleId :
600429836

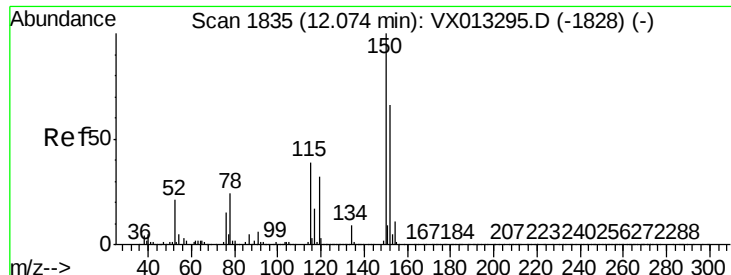
Tot Ion: 95 Resp: 473745
Ion Ratio Lower Upper
95 100
174 89.7 0.0 179.8
176 87.7 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013503.D
Acq: 21 Nov 2019 15:13

Tgt Ion: 117 Resp: 1049527
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 31.9 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013503.D

Acq: 21 Nov 2019 15:13

Instrument :

MSVOA_X

ClientSampleId :

600429836

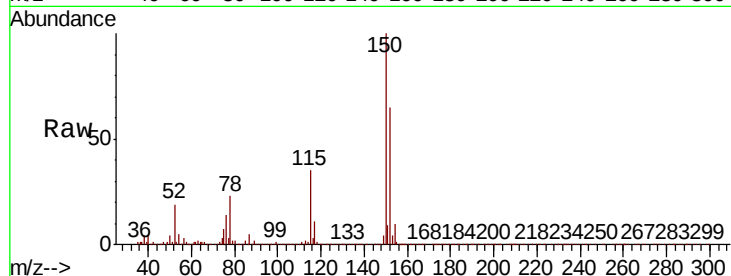
Tot Ion:152 Resp: 485099

Ion Ratio Lower Upper

152 100

115 55.6 39.5 118.3

150 156.9 0.0 344.4



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

