

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014299.D
 Acq On : 27 Dec 2019 03:59
 Operator : JC/SP
 Sample : K6436-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K009-WC-2

Quant Time: Dec 27 07:33:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

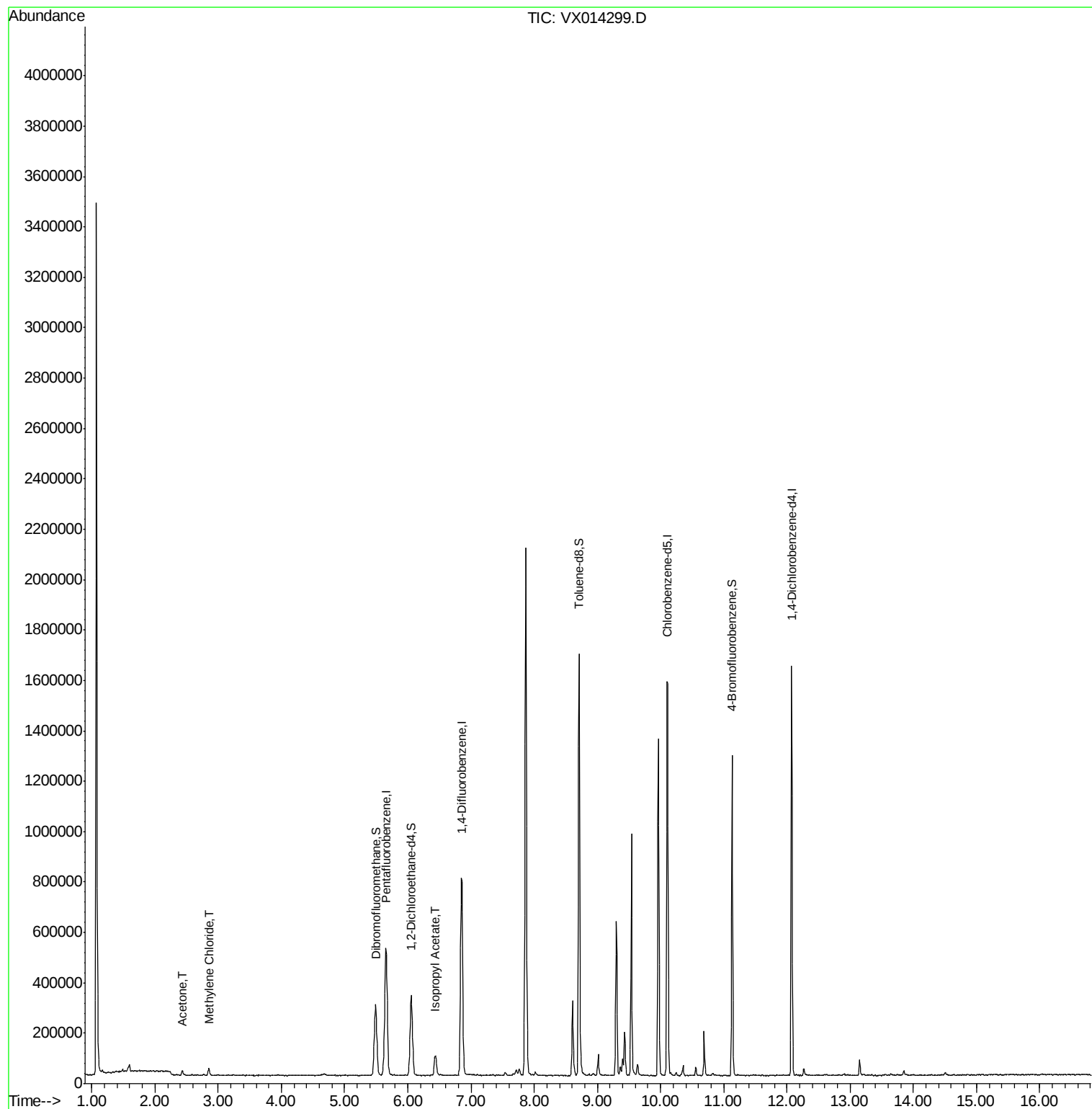
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	529550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	750178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	295018	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
35) Dibromofluoromethane	5.49	113	241149	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	998022	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.14	95	335367	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
16) Acetone	2.44	43	21754	5.583	ug/l	96
20) Methylene Chloride	2.85	84	13354	2.176	ug/l	95
43) Isopropyl Acetate	6.43	43	111818	8.117	ug/l	99

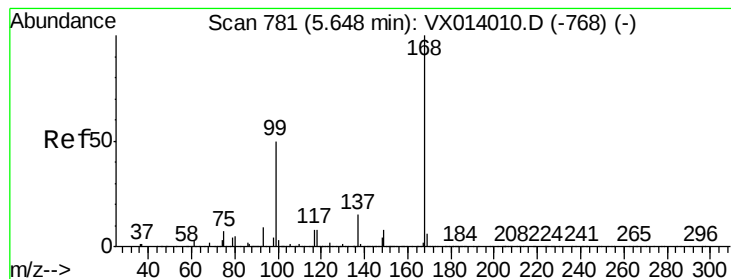
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014299.D

Acq: 27 Dec 2019 03:59

Instrument :

MSVOA_X

ClientSampleId :

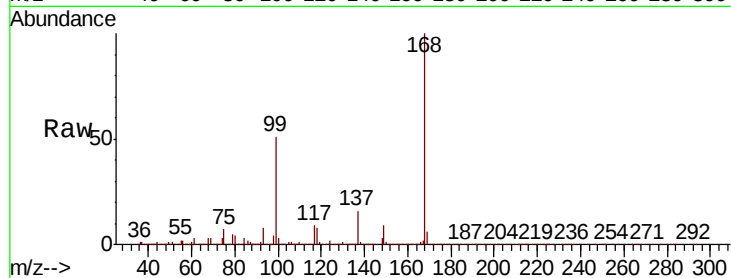
K009-WC-2

Tot Ion:168 Resp: 529550

Ion Ratio Lower Upper

168 100

99 50.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

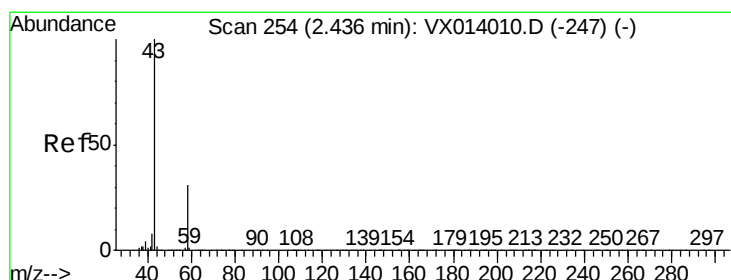
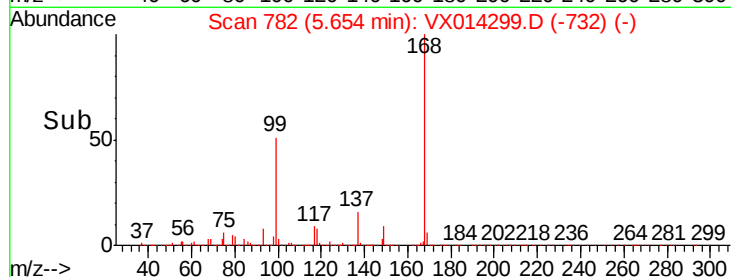
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.583 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014299.D

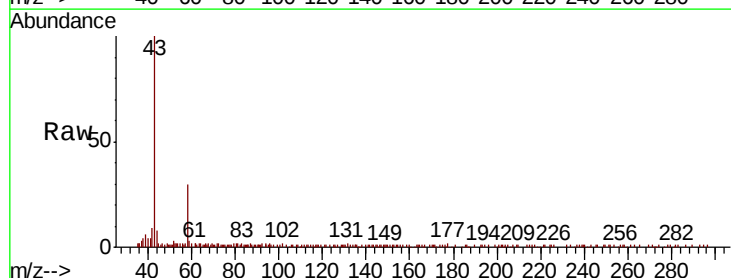
Acq: 27 Dec 2019 03:59

Tgt Ion: 43 Resp: 21754

Ion Ratio Lower Upper

43 100

58 28.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

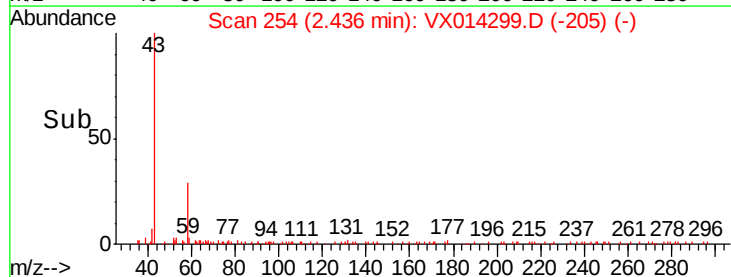
10000

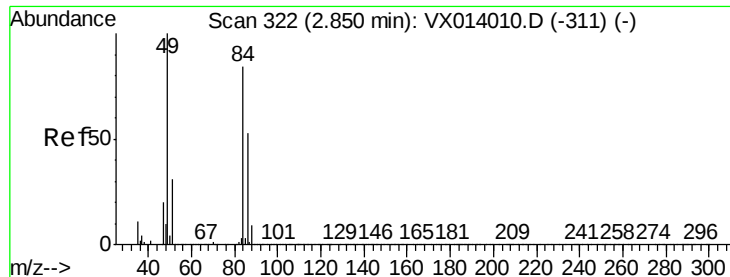
5000

0

Time-->

2.40 2.45 2.50

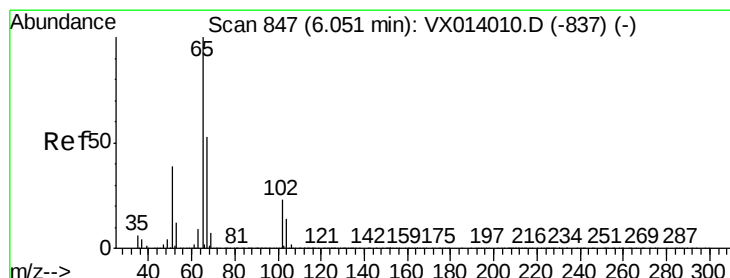
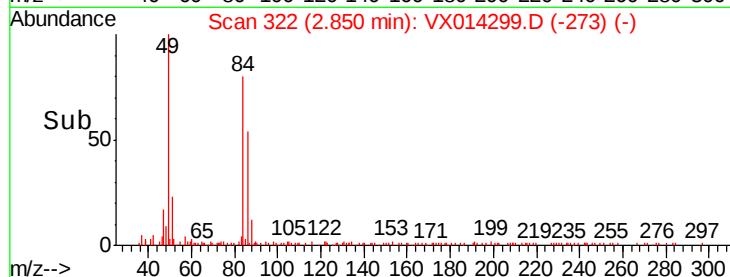
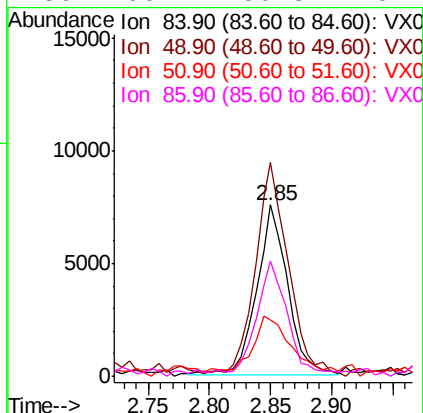
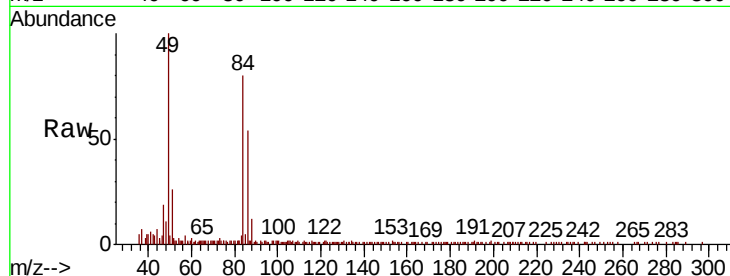




#20
Methvlene Chloride
Concen: 2.176 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014299.D
Acq: 27 Dec 2019 03:59

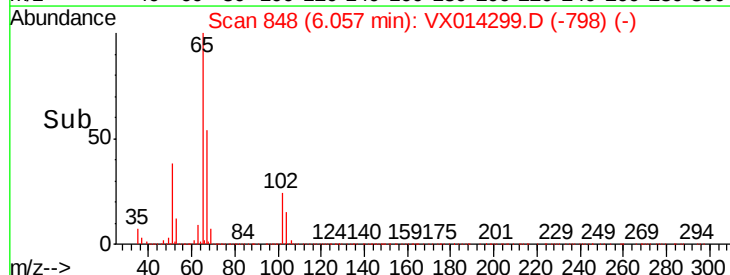
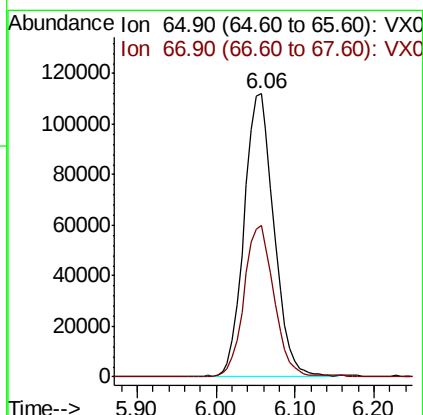
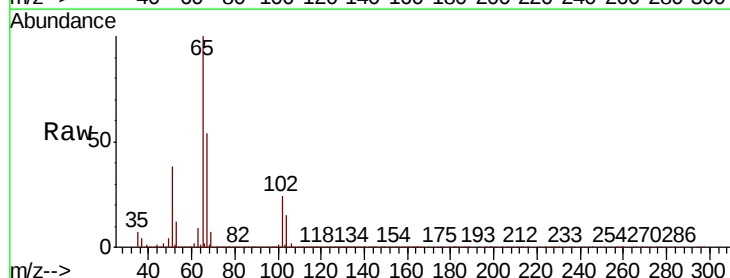
Instrument :
MSVOA_X
ClientSampleId :
K009-WC-2

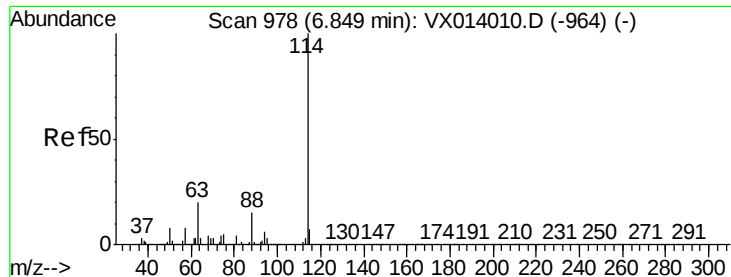
Tot Ion:	84	Resp:	13354
Ion	Ratio	Lower	Upper
84	100		
49	123.9	95.8	143.6
51	30.2	29.8	44.8
86	66.4	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 49.156 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014299.D
Acq: 27 Dec 2019 03:59

Tgt Ion:	65	Resp:	295018
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014299.D

Acq: 27 Dec 2019 03:59

Instrument :

MSVOA_X

ClientSampleId :

K009-WC-2

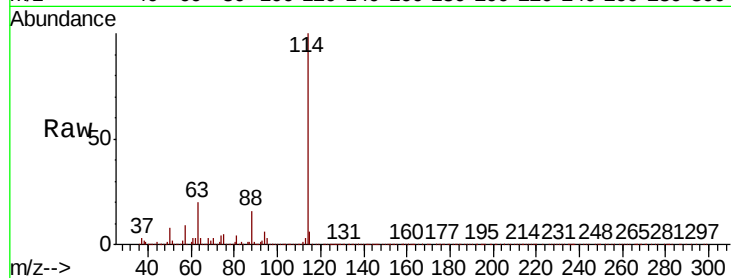
Tot Ion:114 Resp: 821503

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

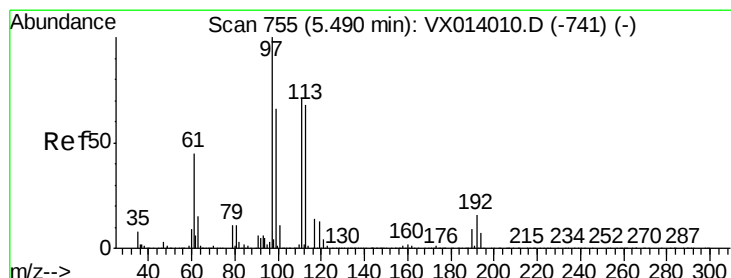
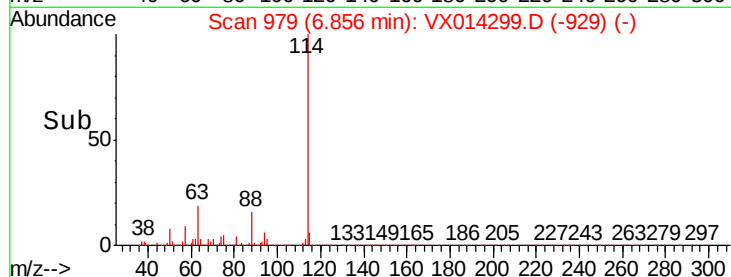
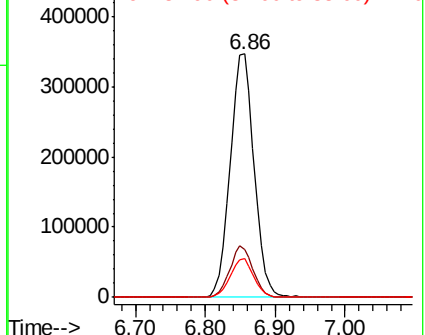
88 15.7 0.0 30.4



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: 48.289 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014299.D

Acq: 27 Dec 2019 03:59

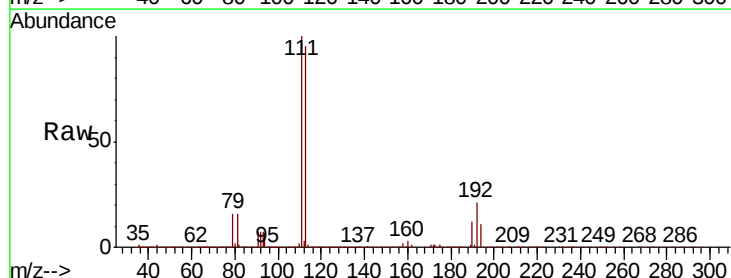
Tgt Ion:113 Resp: 241149

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

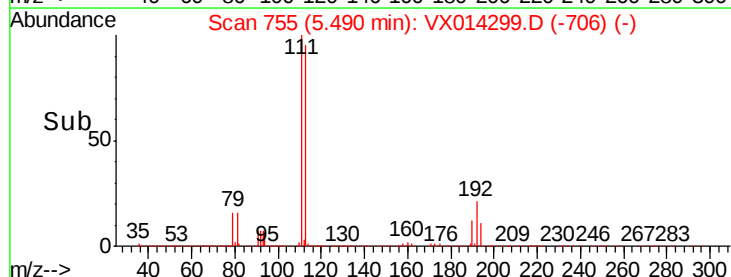
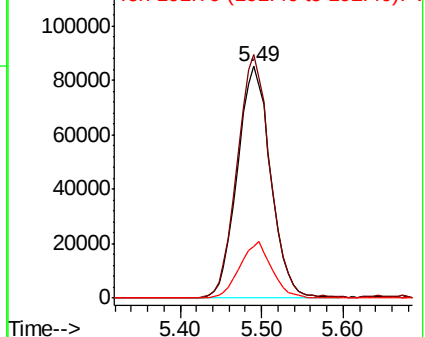
192 23.2 19.3 28.9

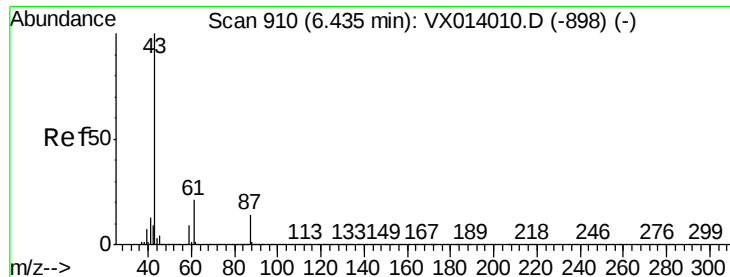


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.117 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014299.D

Acq: 27 Dec 2019 03:59

Instrument :

MSVOA_X

ClientSampled :

K009-WC-2

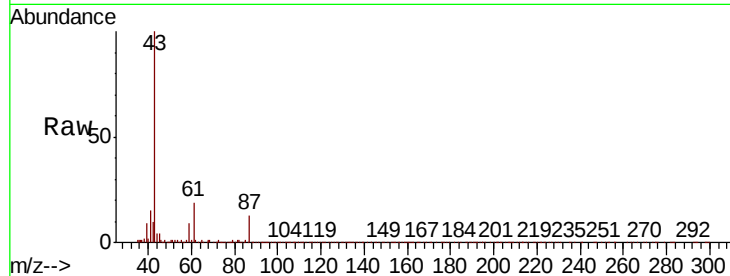
Tot Ion: 43 Resp: 111818

Ion Ratio Lower Upper

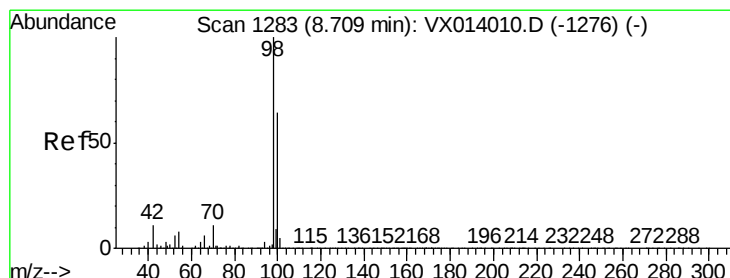
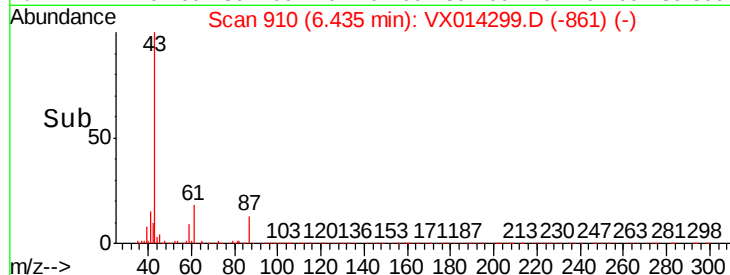
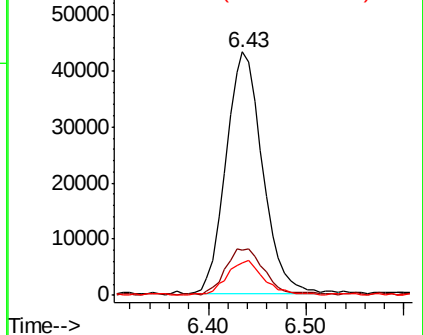
43 100

61 20.3 16.4 24.6

87 14.5 10.7 16.1



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: 51.333 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014299.D

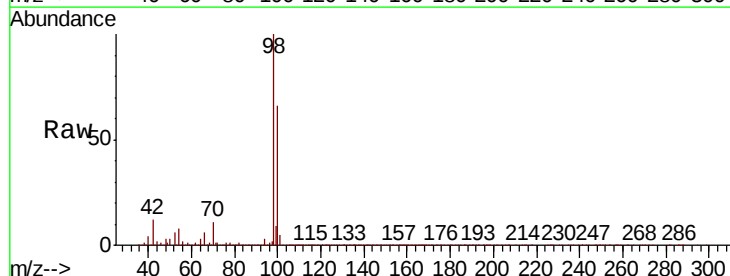
Acq: 27 Dec 2019 03:59

Tgt Ion: 98 Resp: 998022

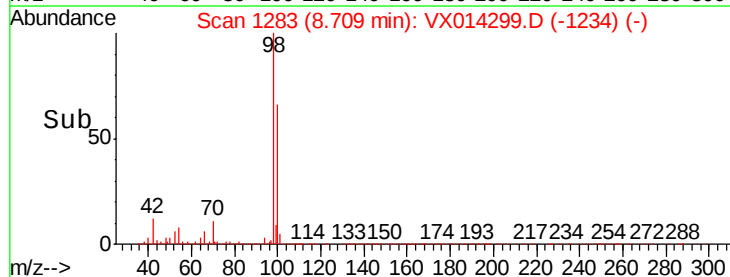
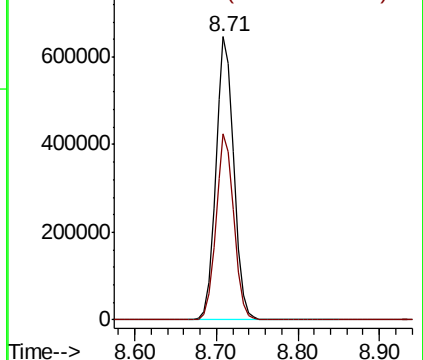
Ion Ratio Lower Upper

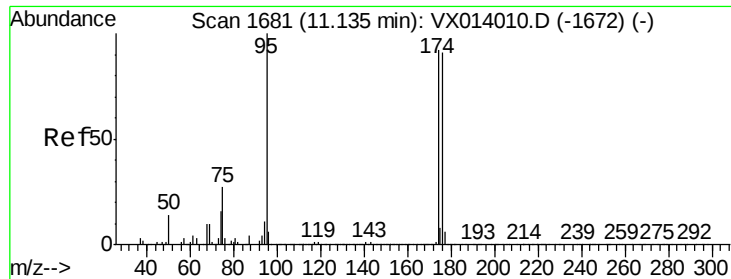
98 100

100 65.5 52.9 79.3



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

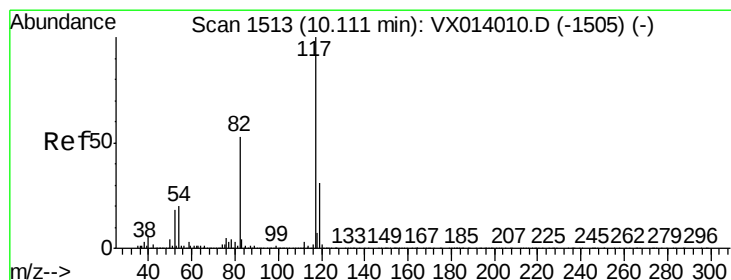
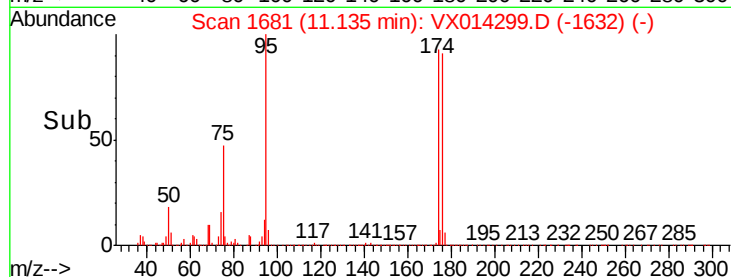
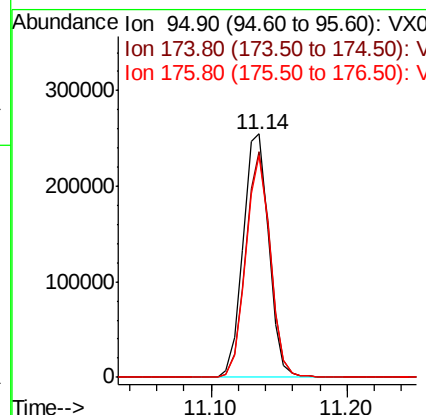
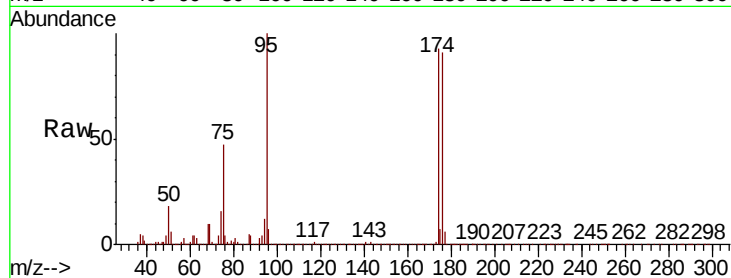




#62
4-Bromofluorobenzene
Concen: 47.188 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014299.D
Acq: 27 Dec 2019 03:59

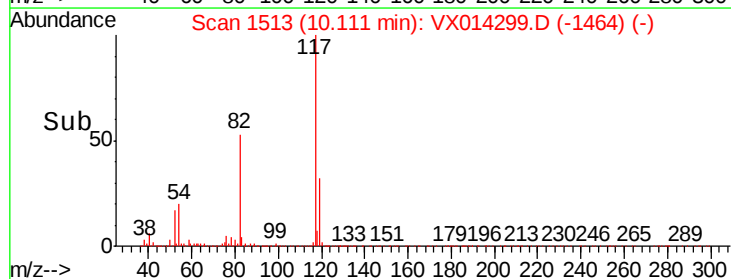
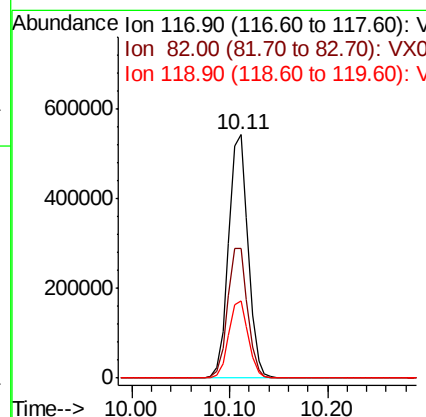
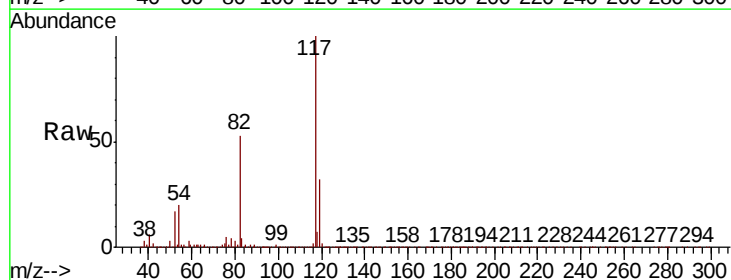
Instrument :
MSVOA_X
ClientSampleId :
K009-WC-2

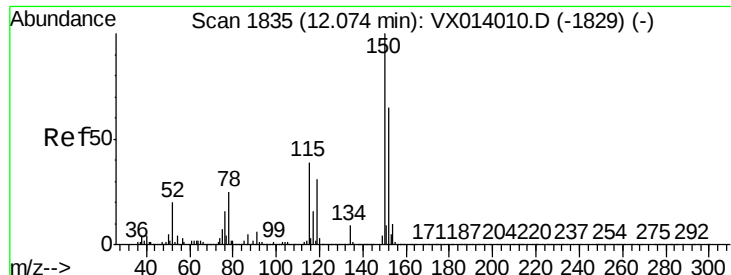
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	175.8
176	86.7	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014299.D
Acq: 27 Dec 2019 03:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	31.9	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014299.D

Acq: 27 Dec 2019 03:59

Instrument :

MSVOA_X

ClientSampleId :

K009-WC-2

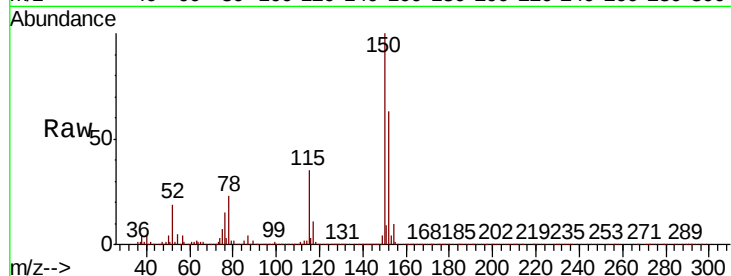
Tot Ion:152 Resp: 333226

Ion Ratio Lower Upper

152 100

115 56.3 38.3 114.9

150 158.1 0.0 345.4



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

600000

500000

400000

300000

200000

100000

0

12.07

12.00

12.10

Time-->

