

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014295.D
 Acq On : 27 Dec 2019 02:25
 Operator : JC/SP
 Sample : K6413-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K005-AB-WC-1

Quant Time: Dec 27 07:39:47 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

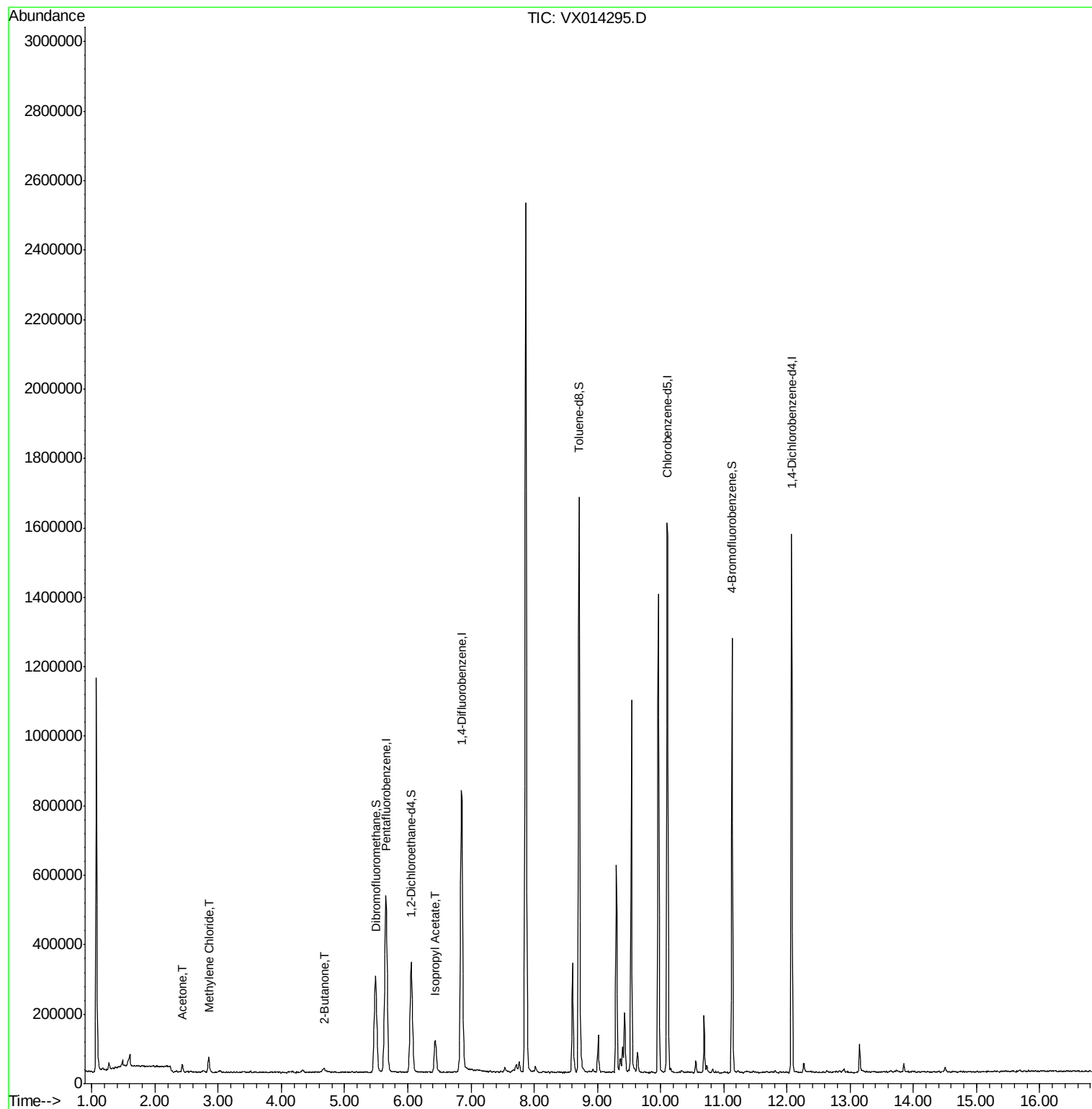
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	529139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	825325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	748202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	293403	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.49	113	242554	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	8.71	98	988273	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	333905	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
16) Acetone	2.43	43	25806	6.628	ug/l	100
20) Methylene Chloride	2.85	84	20093	3.277	ug/l	94
25) 2-Butanone	4.67	43	16295	3.395	ug/l	91
43) Isopropyl Acetate	6.43	43	124892	9.024	ug/l	99

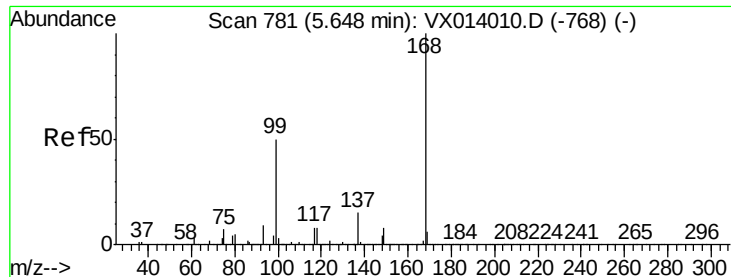
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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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: VX014295.D

Acq: 27 Dec 2019 02:25

Instrument :

MSVOA_X

ClientSampleId :

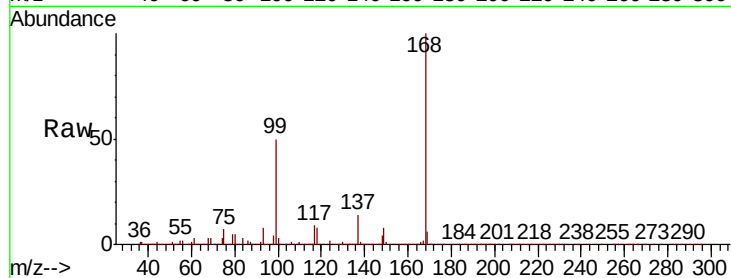
K005-AB-WC-1

Tot Ion:168 Resp: 529139

Ion Ratio Lower Upper

168 100

99 49.8 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

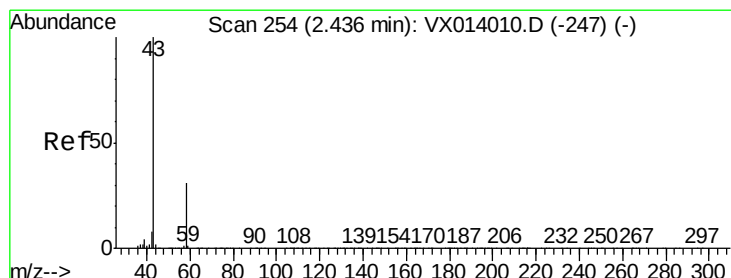
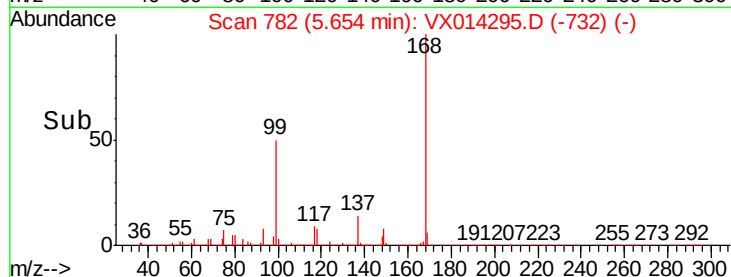
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.628 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014295.D

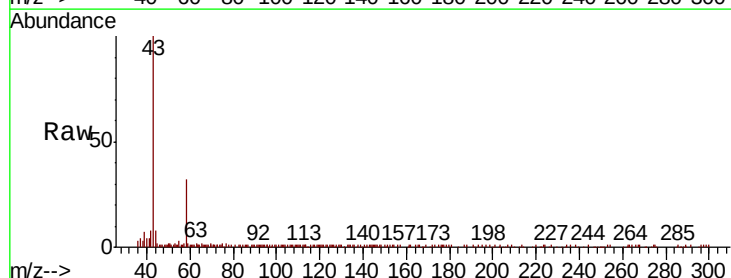
Acq: 27 Dec 2019 02:25

Tgt Ion: 43 Resp: 25806

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

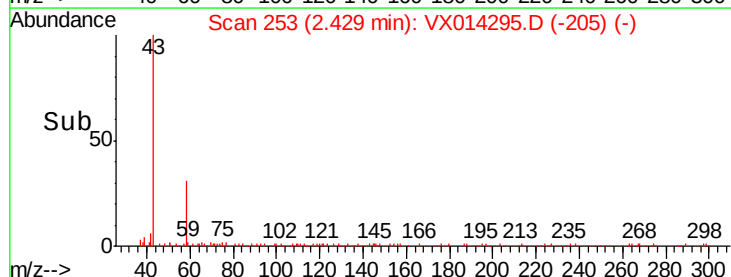
15000

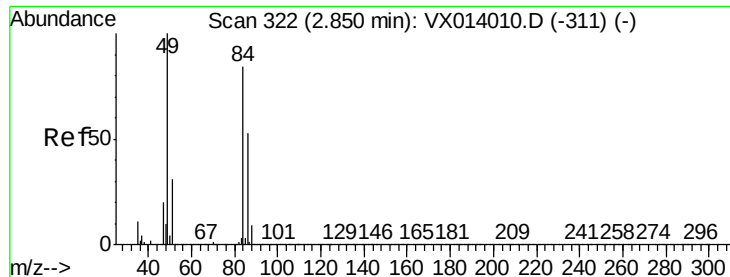
10000

5000

0

Time-->

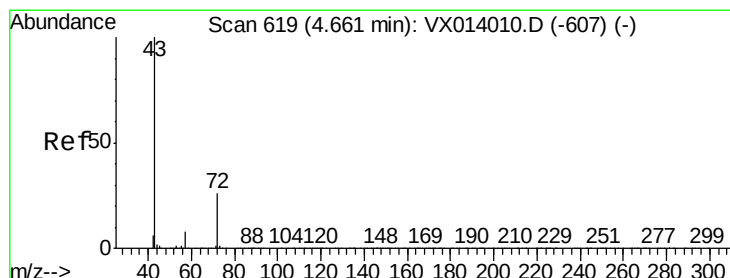
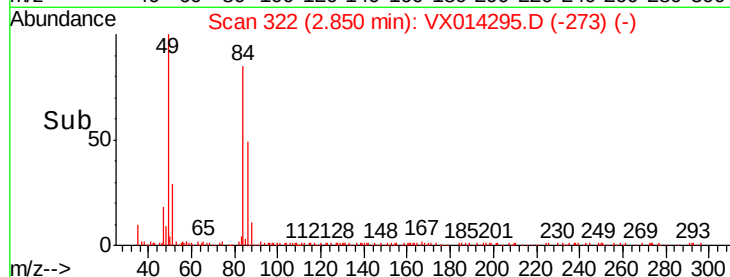
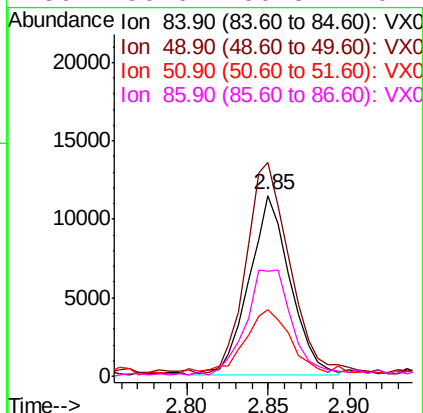
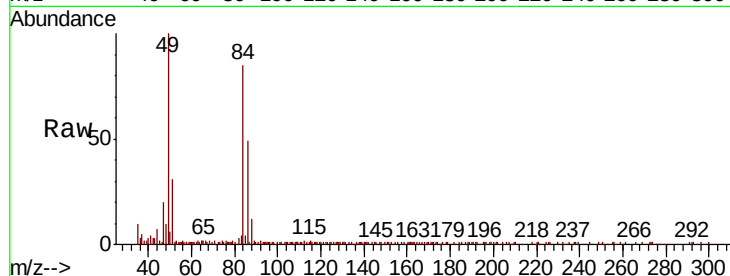




#20
Methylene Chloride
Concen: 3.277 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014295.D
Acq: 27 Dec 2019 02:25

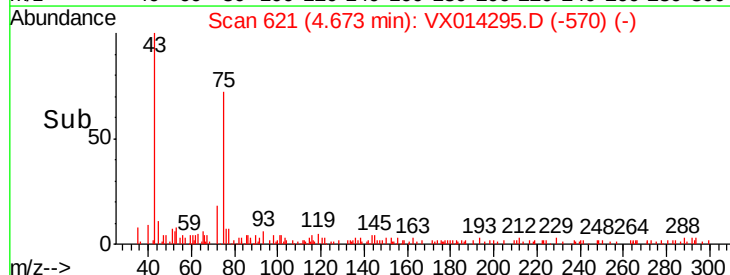
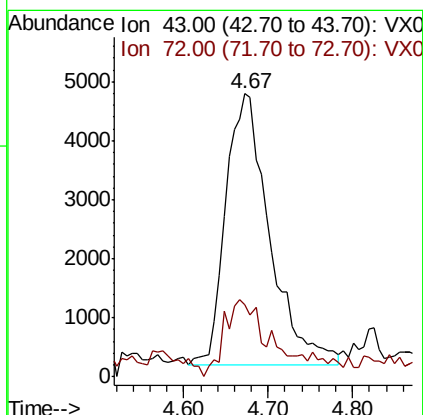
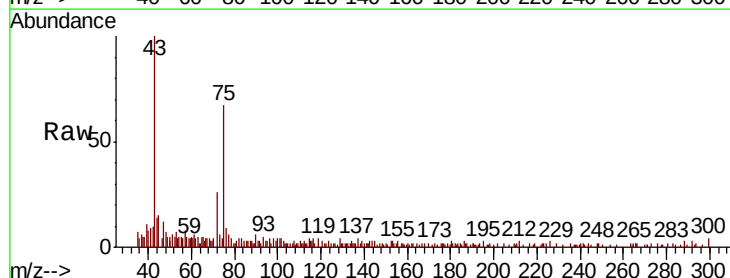
Instrument :
MSVOA_X
ClientSampleId :
K005-AB-WC-1

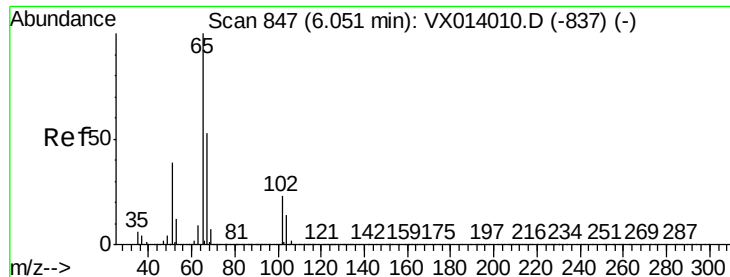
Tot Ion:	84	Resp:	20093
Ion	Ratio	Lower	Upper
84	100		
49	114.9	95.8	143.6
51	32.7	29.8	44.8
86	56.6	50.8	76.2



#25
2-Butanone
Concen: 3.395 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014295.D
Acq: 27 Dec 2019 02:25

Tgt Ion:	43	Resp:	16295
Ion	Ratio	Lower	Upper
43	100		
72	21.4	21.0	31.4





#33

1,2-Dichloroethane-d4

Concen: 48.924 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014295.D

Acq: 27 Dec 2019 02:25

Instrument :

MSVOA_X

ClientSampleId :

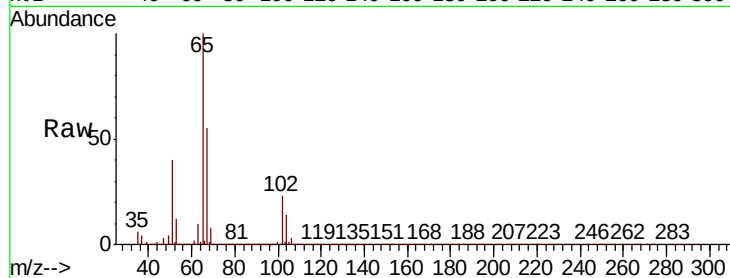
K005-AB-WC-1

Tot Ion: 65 Resp: 293403

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

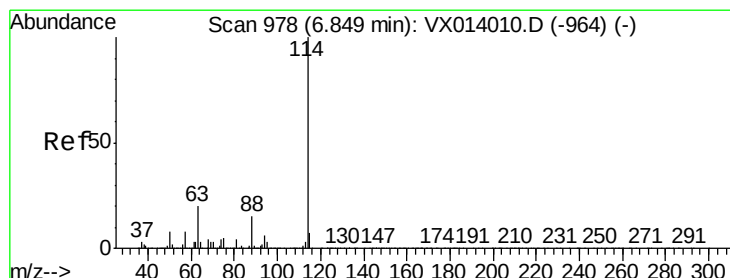
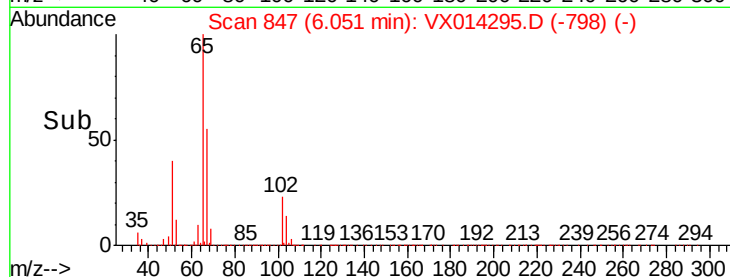
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014295.D

Acq: 27 Dec 2019 02:25

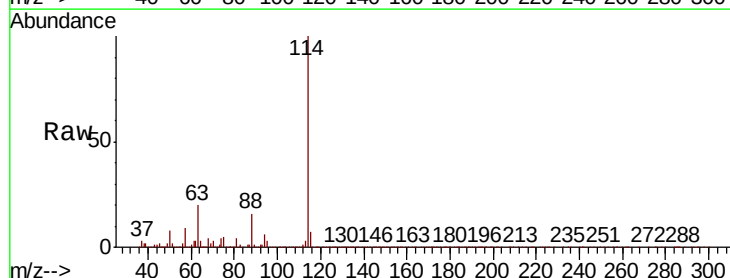
Tgt Ion: 114 Resp: 825325

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.5 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

6.85

500000

400000

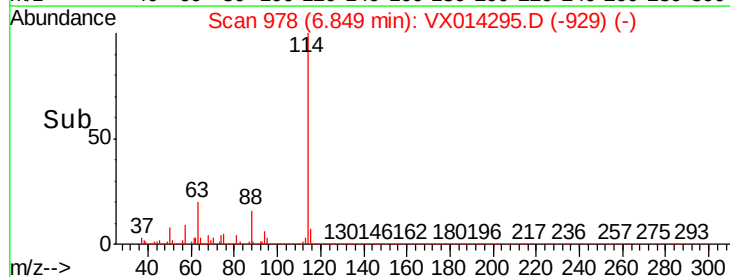
300000

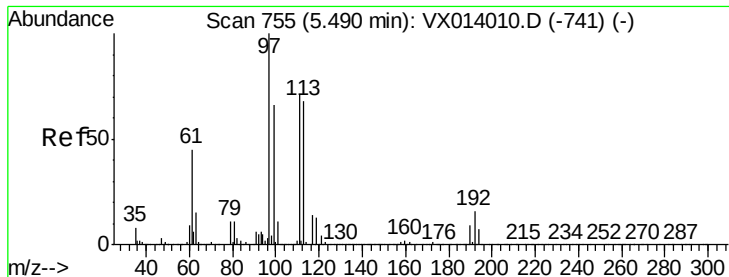
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.346 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014295.D

Acq: 27 Dec 2019 02:25

Instrument :

MSVOA_X

ClientSampleId :

K005-AB-WC-1

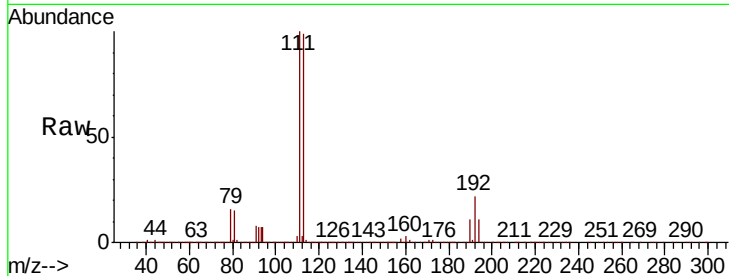
Tot Ion:113 Resp: 242554

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

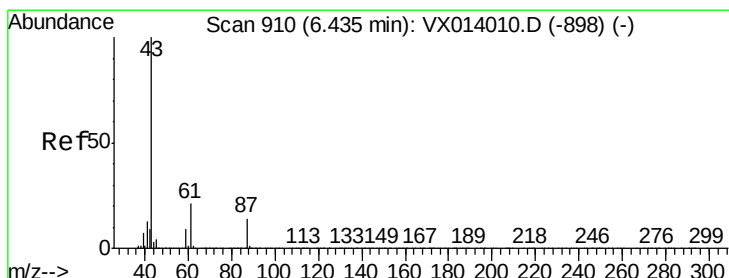
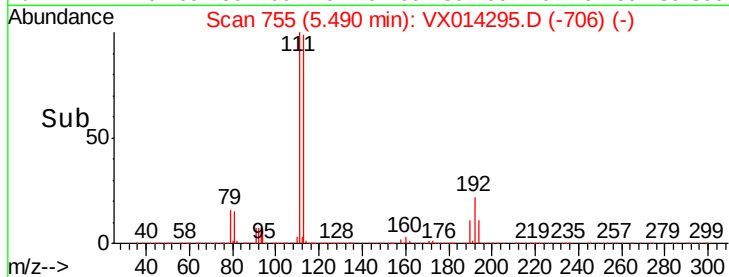
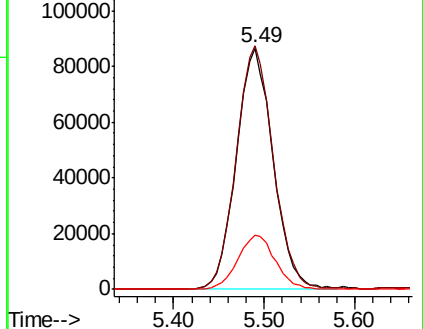
192 23.2 19.3 28.9



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: 9.024 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014295.D

Acq: 27 Dec 2019 02:25

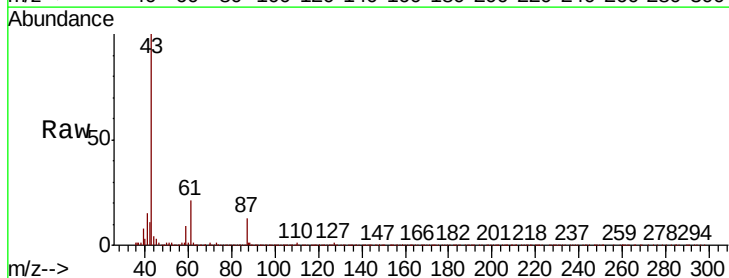
Tgt Ion: 43 Resp: 124892

Ion Ratio Lower Upper

43 100

61 19.9 16.4 24.6

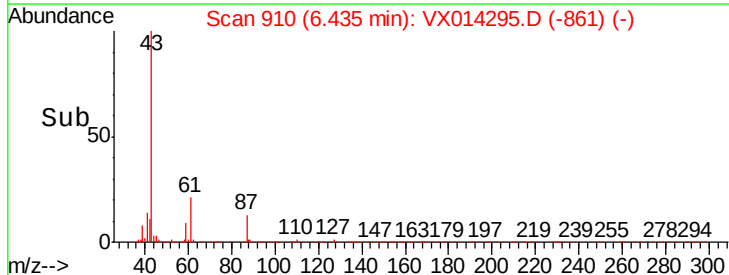
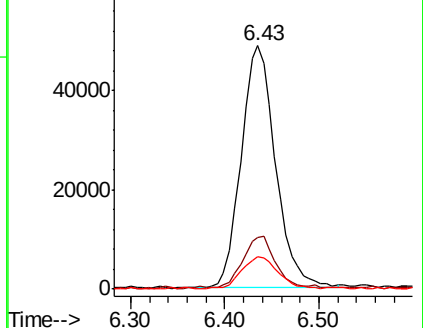
87 13.9 10.7 16.1

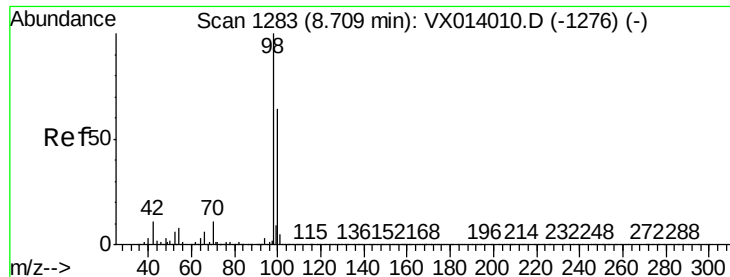


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.596 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014295.D

Acq: 27 Dec 2019 02:25

Instrument :

MSVOA_X

ClientSampleId :

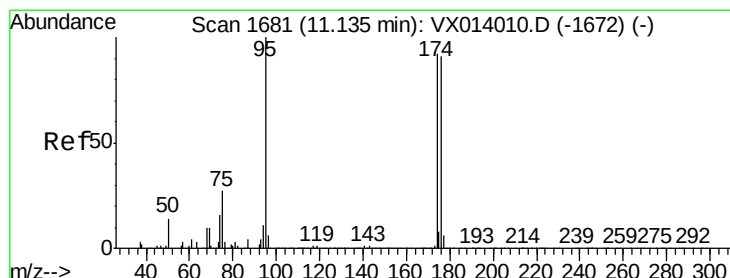
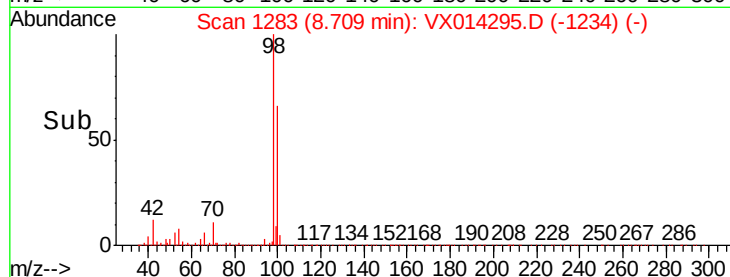
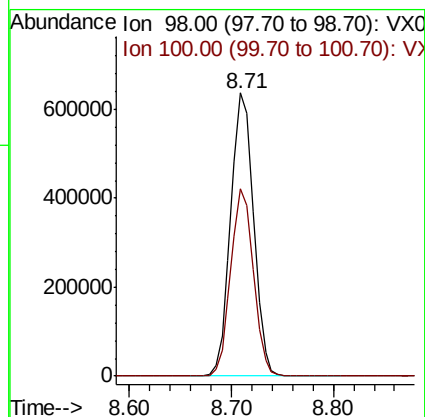
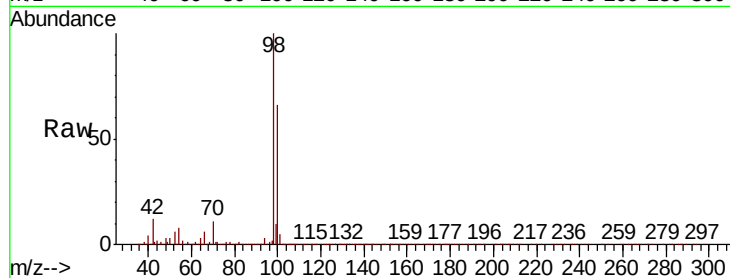
K005-AB-WC-1

Tot Ion: 98 Resp: 988273

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.765 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014295.D

Acq: 27 Dec 2019 02:25

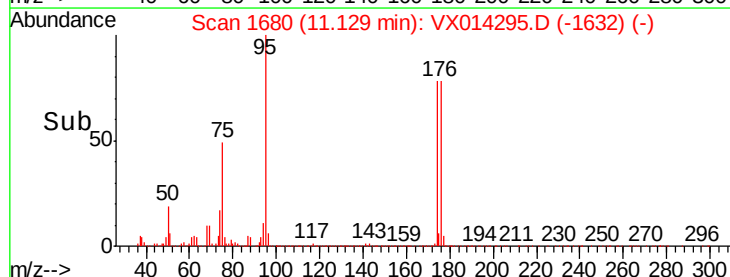
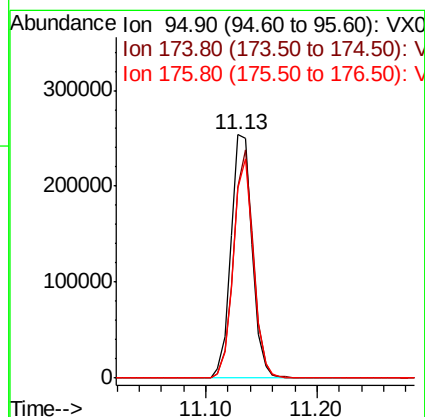
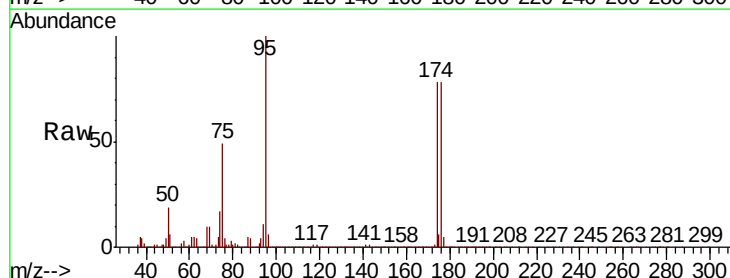
Tgt Ion: 95 Resp: 333905

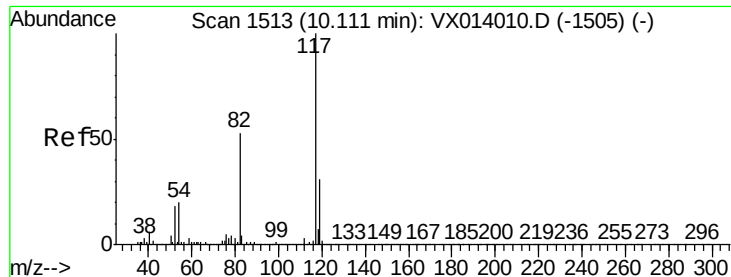
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 85.5 0.0 173.0

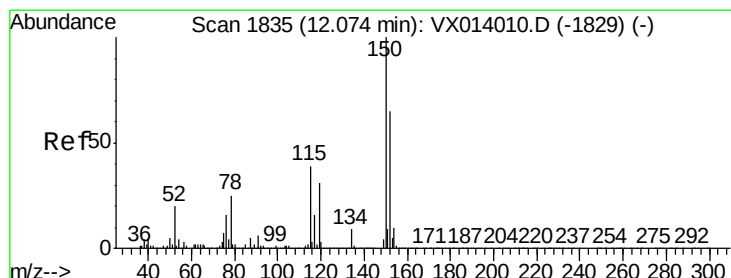
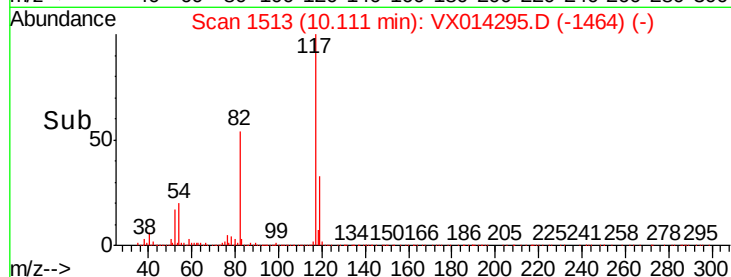
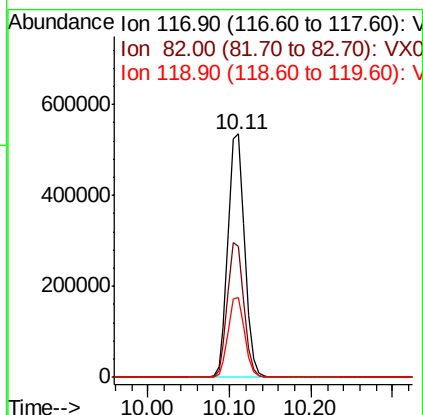
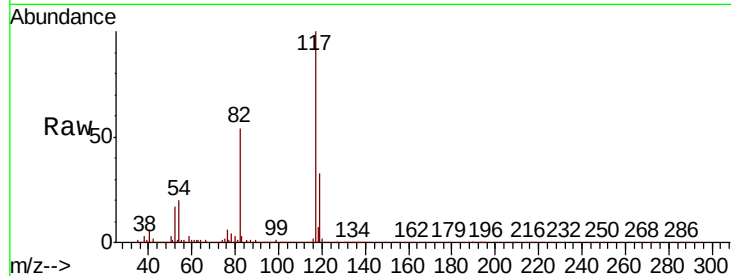




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014295.D
Acq: 27 Dec 2019 02:25

Instrument :
MSVOA_X
ClientSampleId :
K005-AB-WC-1

Tot Ion:117 Resp: 748202
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 32.6 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: VX014295.D
Acq: 27 Dec 2019 02:25

Tgt Ion:152 Resp: 330710
Ion Ratio Lower Upper
152 100
115 55.0 38.3 114.9
150 155.5 0.0 345.4

