

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014294.D
 Acq On : 27 Dec 2019 02:02
 Operator : JC/SP
 Sample : K6413-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K005-AA-WC-2

Quant Time: Dec 27 07:41:14 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

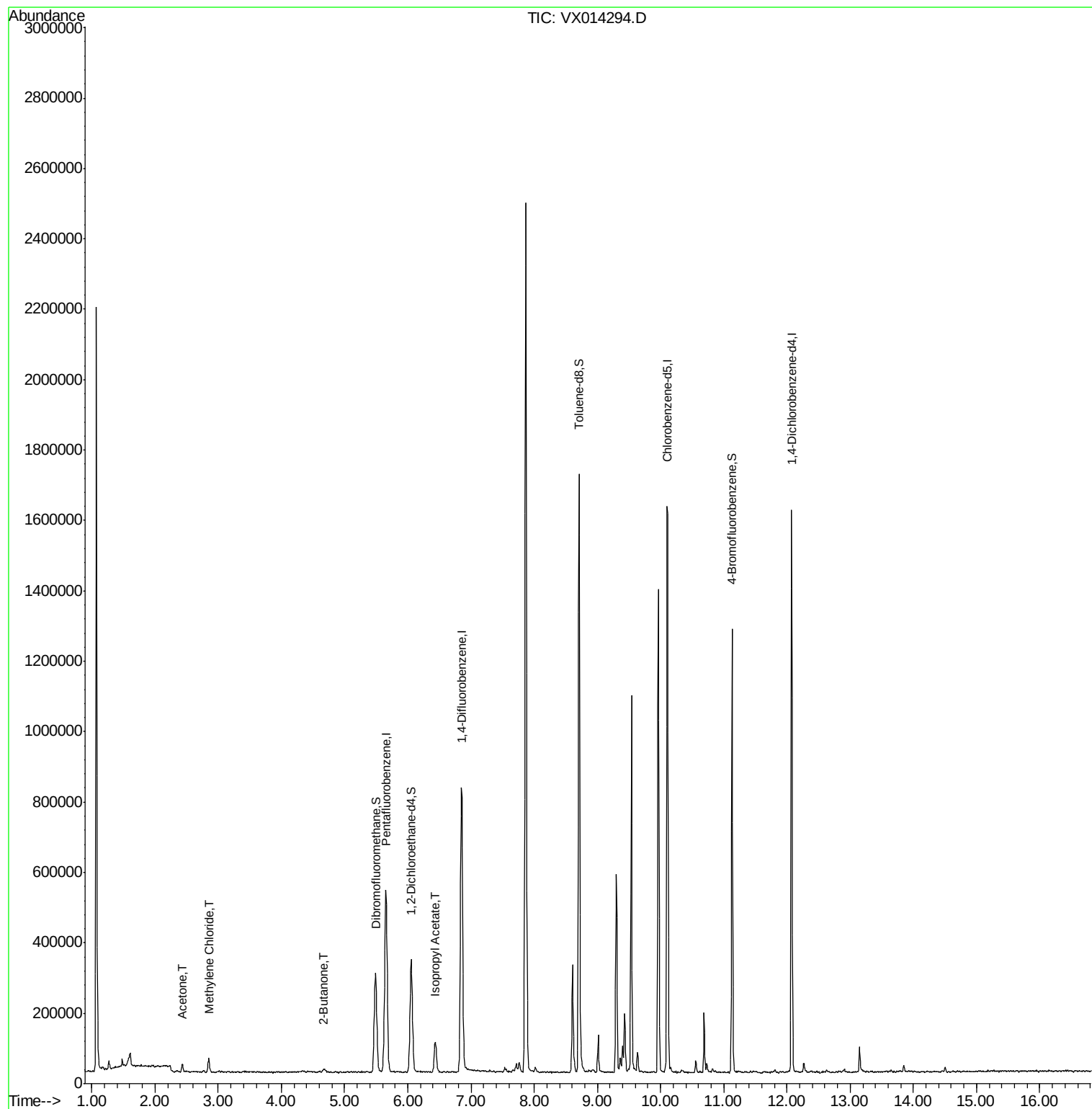
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	841515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	766584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	300499	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	5.49	113	247046	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	1005549	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	334173	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
16) Acetone	2.43	43	24756	6.292	ug/l	99
20) Methylene Chloride	2.85	84	18335	2.959	ug/l	89
25) 2-Butanone	4.67	43	12861	2.651	ug/l #	86
43) Isopropyl Acetate	6.43	43	123032	8.719	ug/l	99

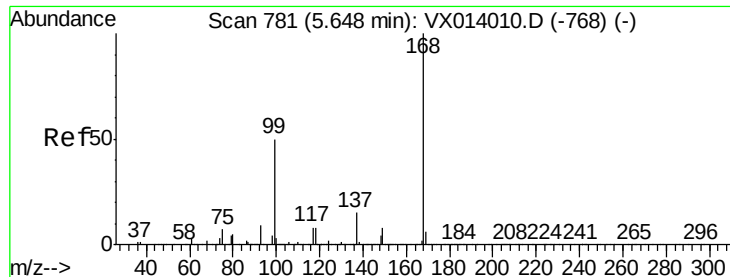
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
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: VX014294.D

Acq: 27 Dec 2019 02:02

Instrument :

MSVOA_X

ClientSampleId :

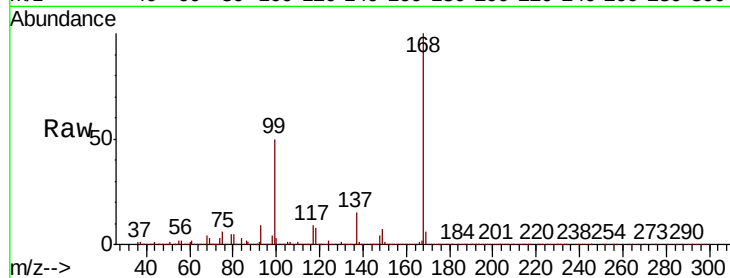
K005-AA-WC-2

Tot Ion:168 Resp: 534700

Ion Ratio Lower Upper

168 100

99 50.0 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

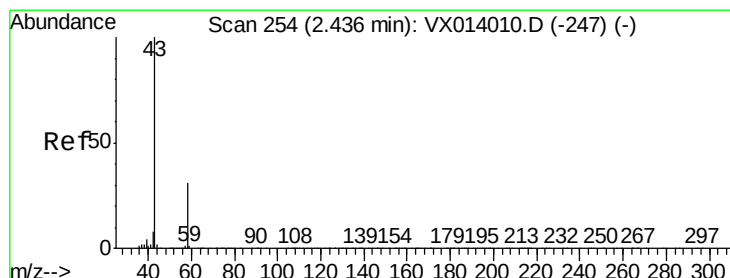
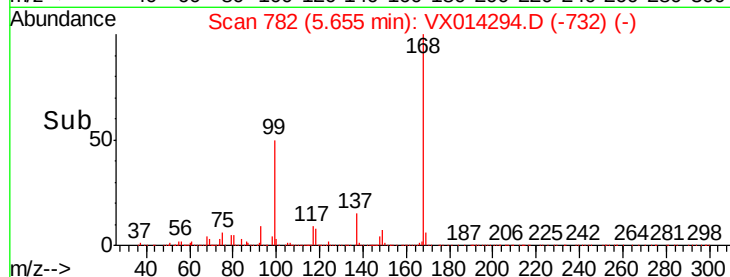
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.292 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014294.D

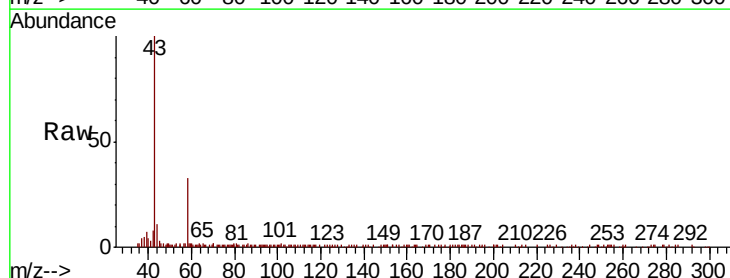
Acq: 27 Dec 2019 02:02

Tgt Ion: 43 Resp: 24756

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

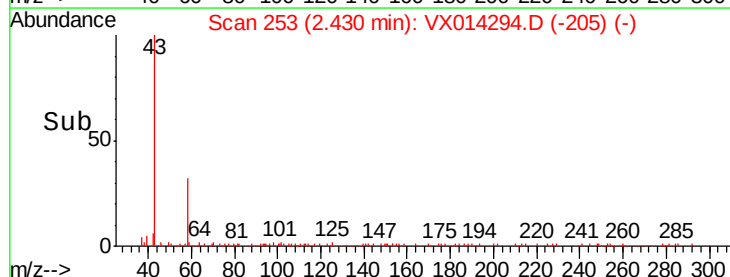
15000

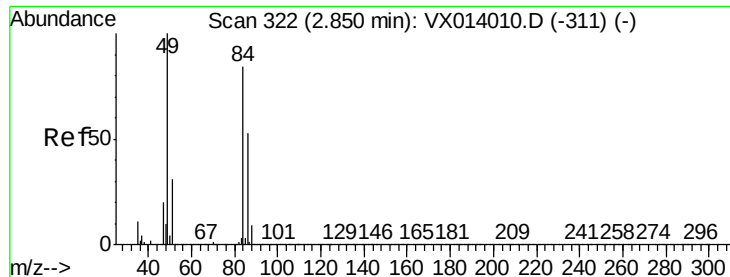
10000

5000

0

Time-->

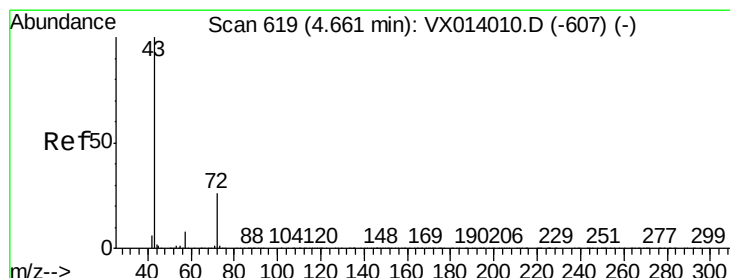
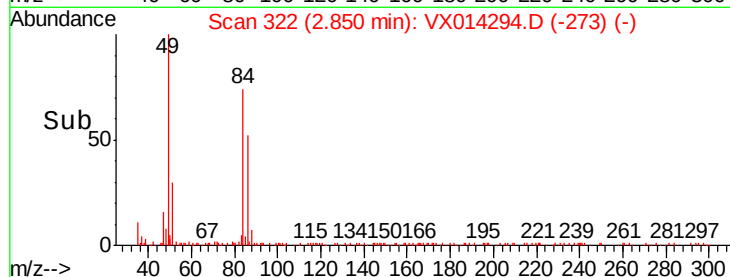
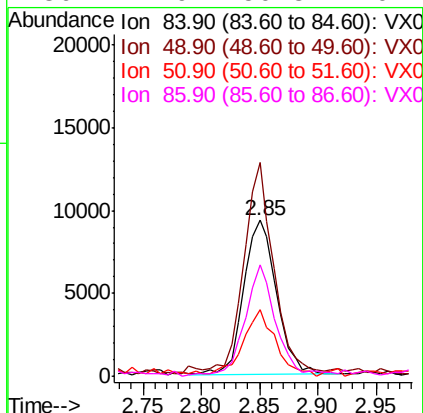
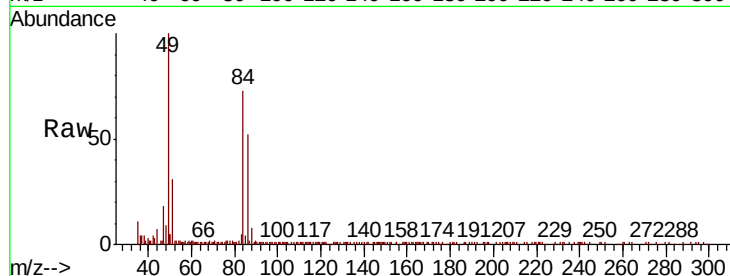




#20
Methvlene Chloride
Concen: 2.959 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014294.D
Acq: 27 Dec 2019 02:02

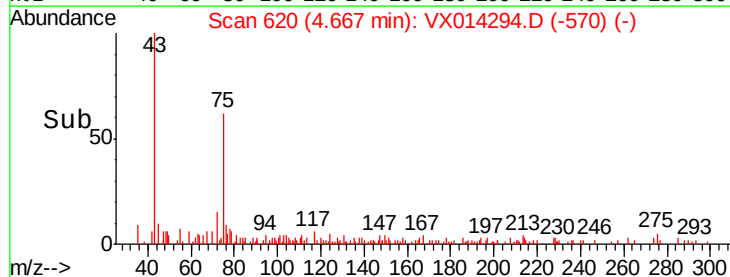
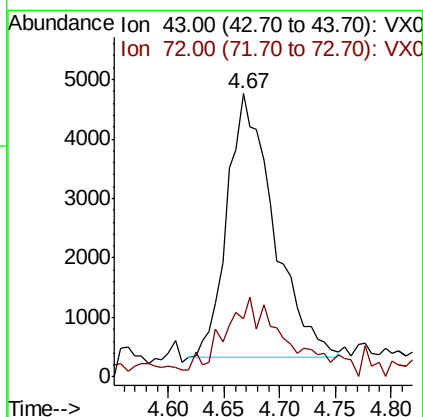
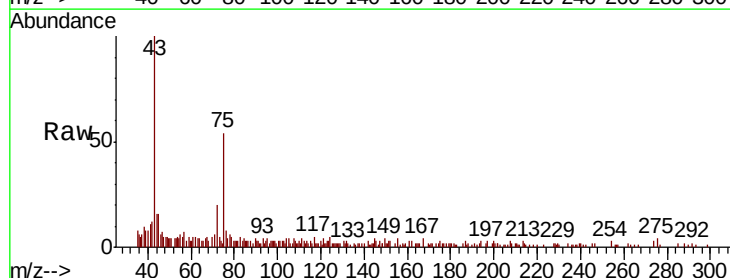
Instrument :
MSVOA_X
ClientSampleId :
K005-AA-WC-2

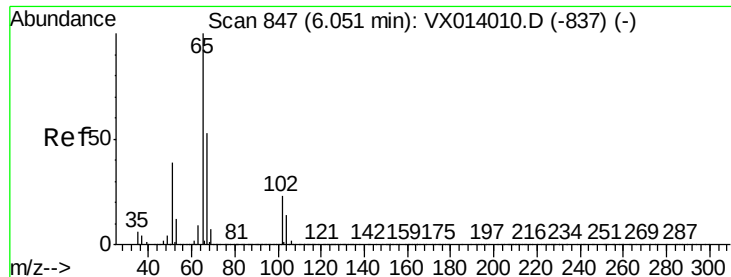
Tot Ion:	84	Resp:	18335
Ion	Ratio	Lower	Upper
84	100		
49	133.9	95.8	143.6
51	41.2	29.8	44.8
86	71.9	50.8	76.2



#25
2-Butanone
Concen: 2.651 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX014294.D
Acq: 27 Dec 2019 02:02

Tgt Ion:	43	Resp:	12861
Ion	Ratio	Lower	Upper
43	100		
72	19.2	21.0	31.4#

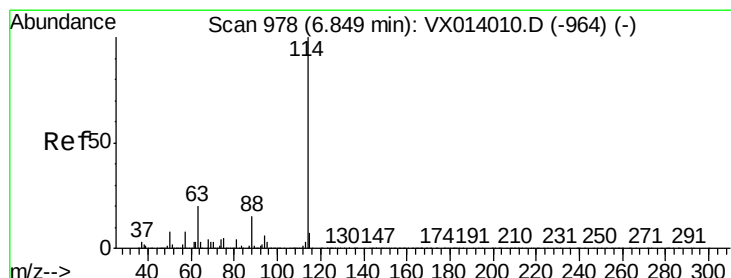
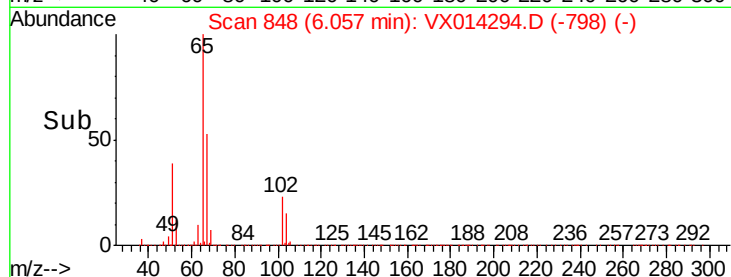
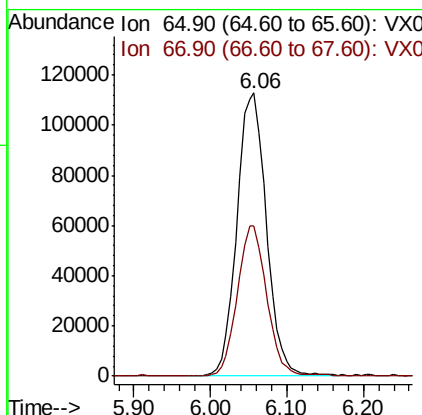
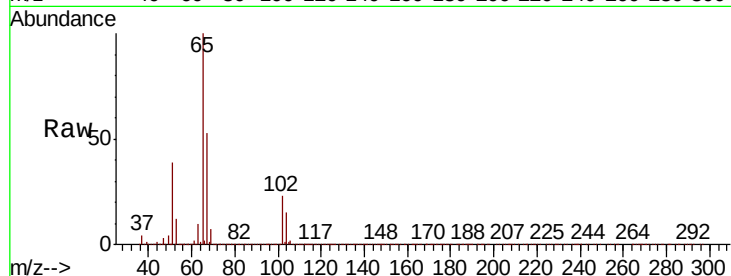




#33
 1,2-Dichloroethane-d4
 Concen: 49.587 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014294.D
 Acq: 27 Dec 2019 02:02

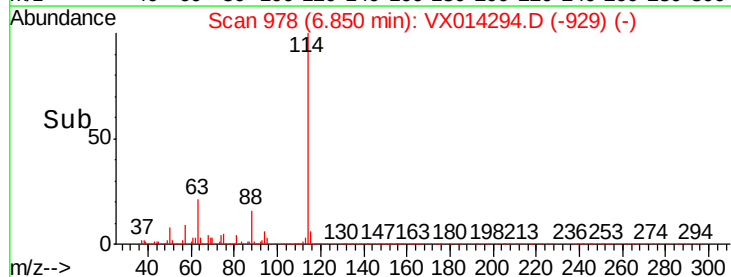
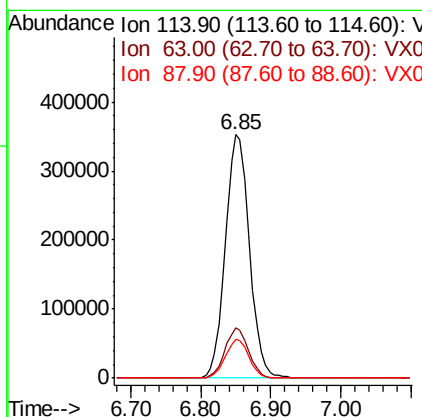
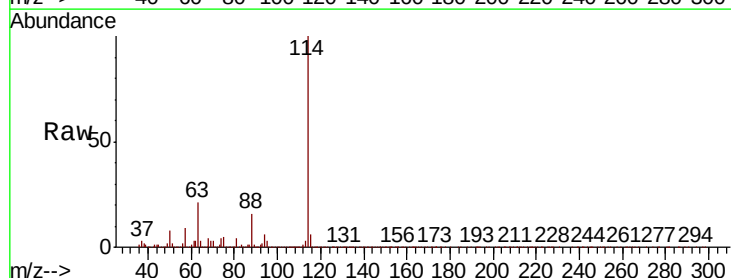
Instrument :
 MSVOA_X
 ClientSampleId :
 K005-AA-WC-2

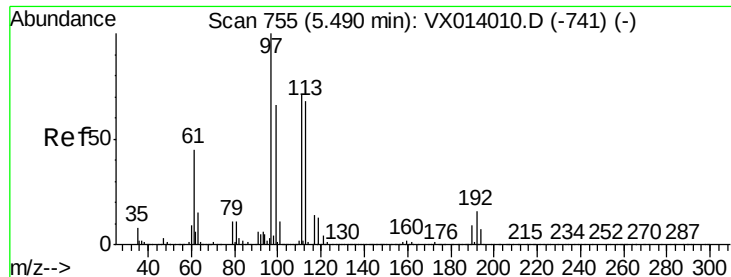
Tot Ion: 65 Resp: 300499
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014294.D
 Acq: 27 Dec 2019 02:02

Tgt Ion: 114 Resp: 841515
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.9 0.0 30.4

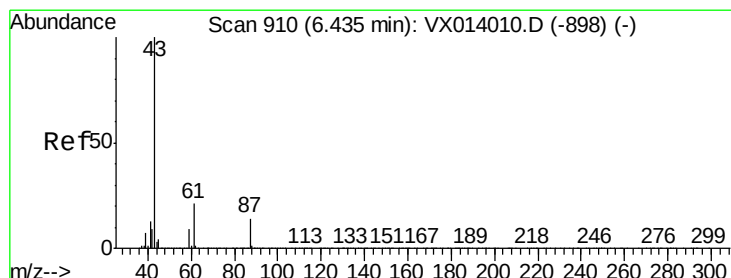
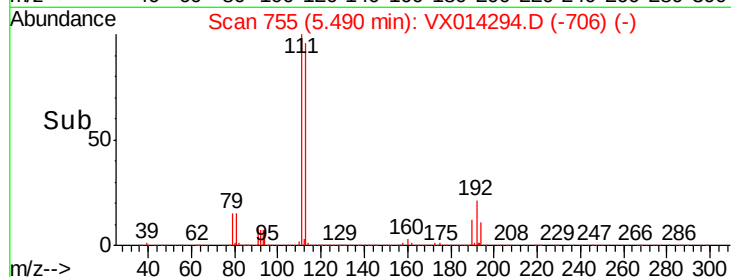
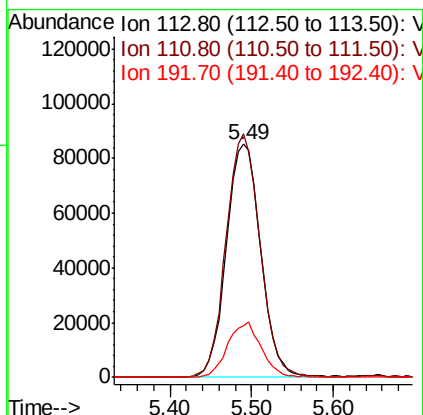
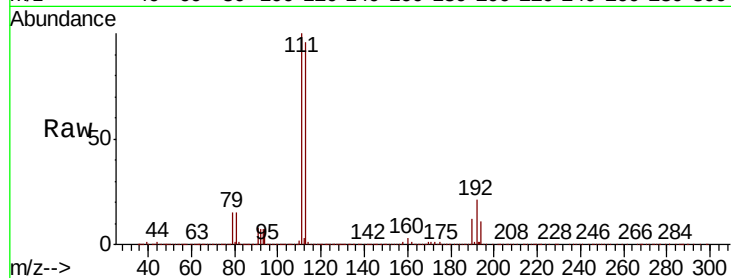




#35
 Dibromofluoromethane
 Concen: 48.294 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014294.D
 Acq: 27 Dec 2019 02:02

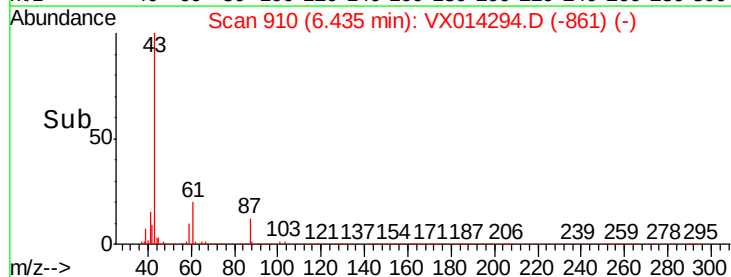
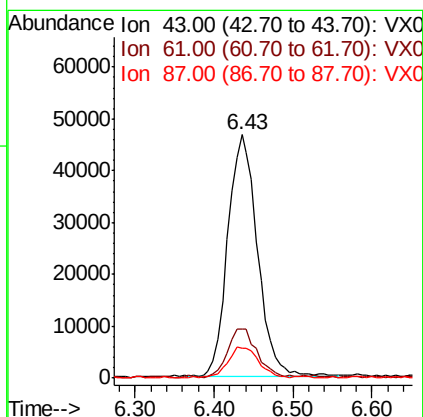
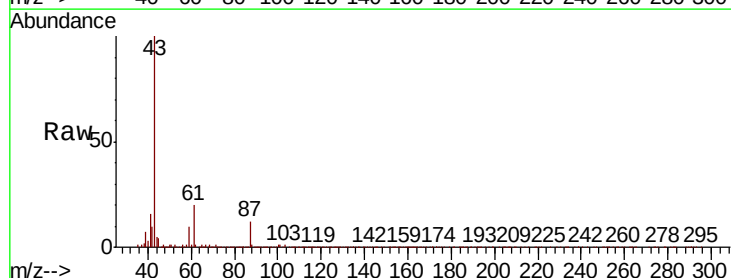
Instrument :
 MSVOA_X
 ClientSampleId :
 K005-AA-WC-2

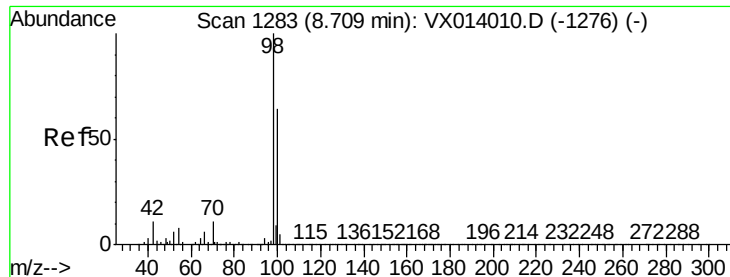
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.4	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 8.719 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014294.D
 Acq: 27 Dec 2019 02:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.4	24.6
87	12.6	10.7	16.1





#50

Toluene-d8

Concen: 50.490 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014294.D

Acq: 27 Dec 2019 02:02

Instrument :

MSVOA_X

ClientSampleId :

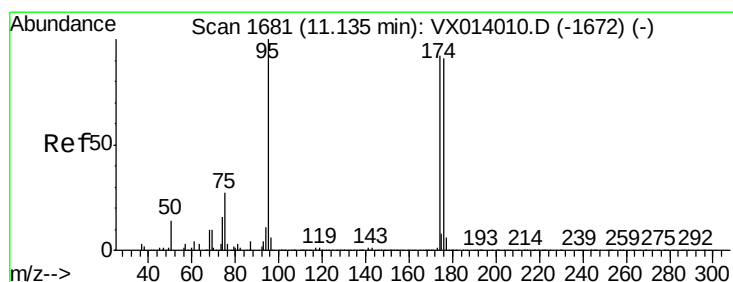
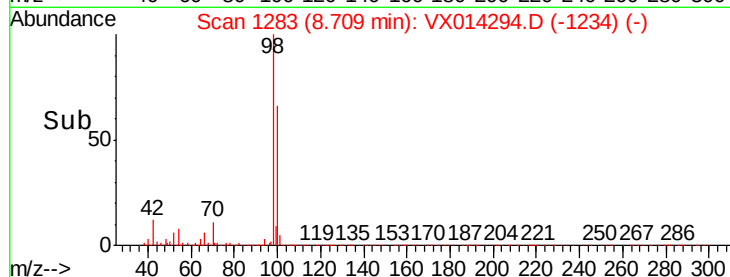
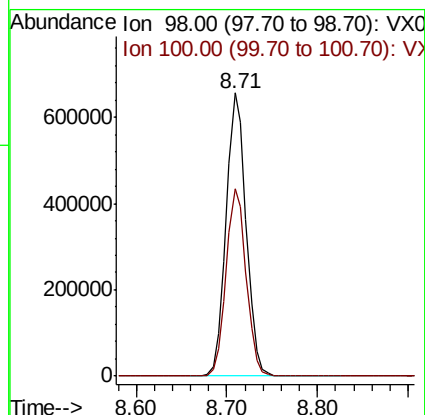
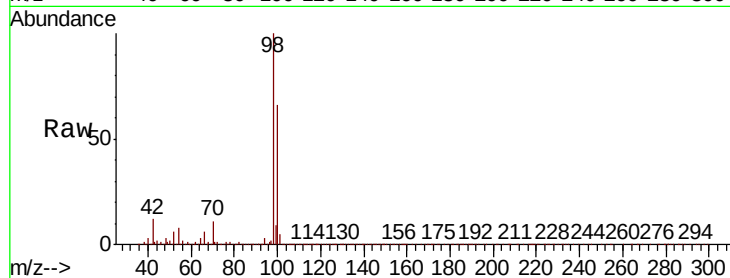
K005-AA-WC-2

Tot Ion: 98 Resp: 1005549

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.902 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014294.D

Acq: 27 Dec 2019 02:02

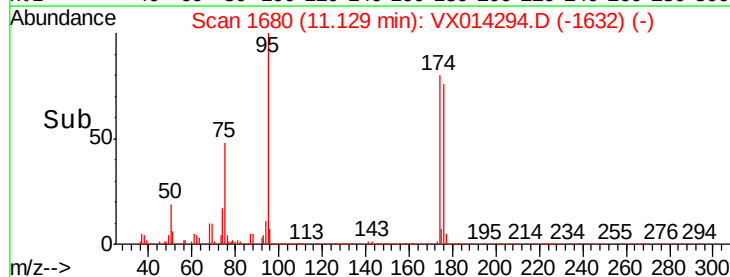
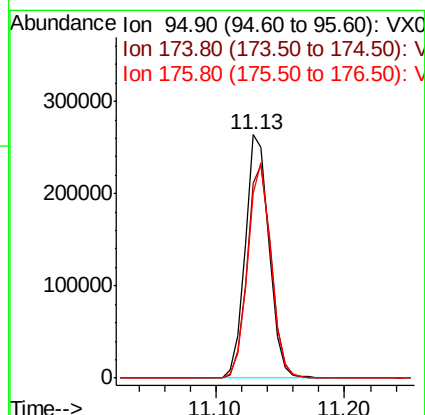
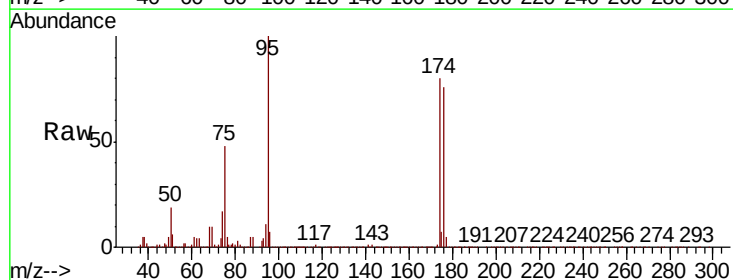
Tgt Ion: 95 Resp: 334173

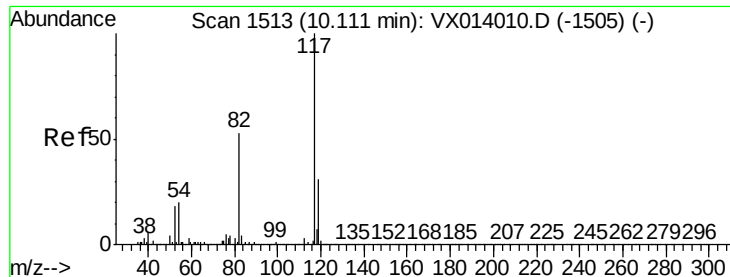
Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.8

176 86.3 0.0 173.0

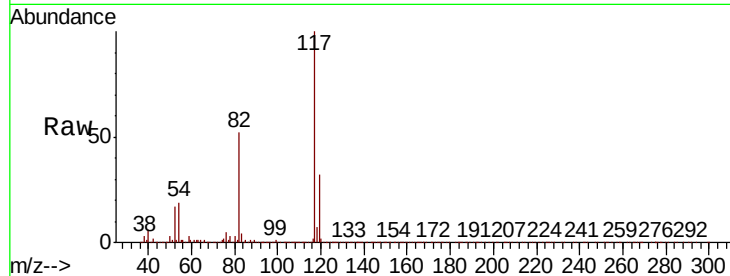




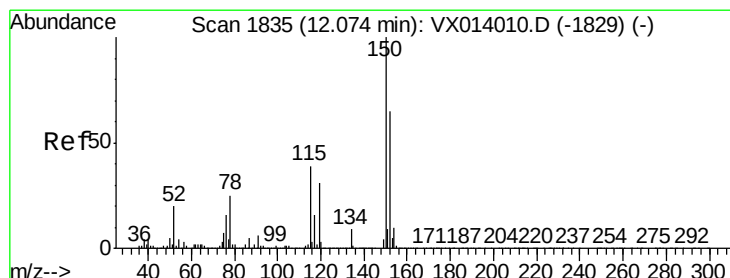
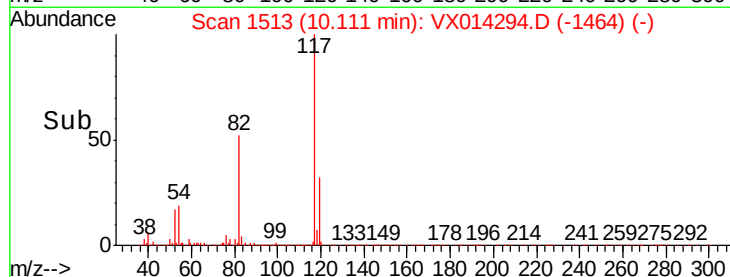
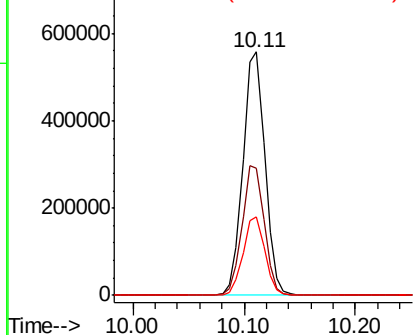
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014294.D
Acq: 27 Dec 2019 02:02

Instrument :
MSVOA_X
ClientSampleId :
K005-AA-WC-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.2	63.4
119	32.2	25.1	37.7

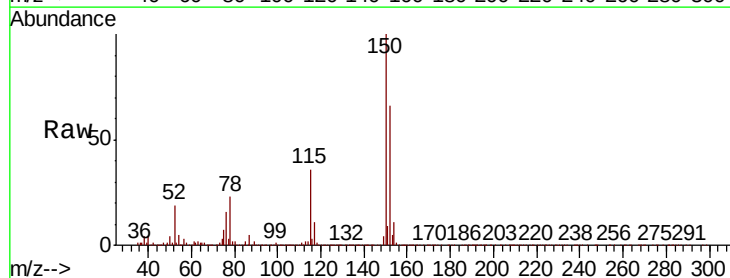


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014294.D
Acq: 27 Dec 2019 02:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.3	114.9
150	154.2	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

