

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014293.D
 Acq On : 27 Dec 2019 01:39
 Operator : JC/SP
 Sample : K6413-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Dec 27 07:42:57 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

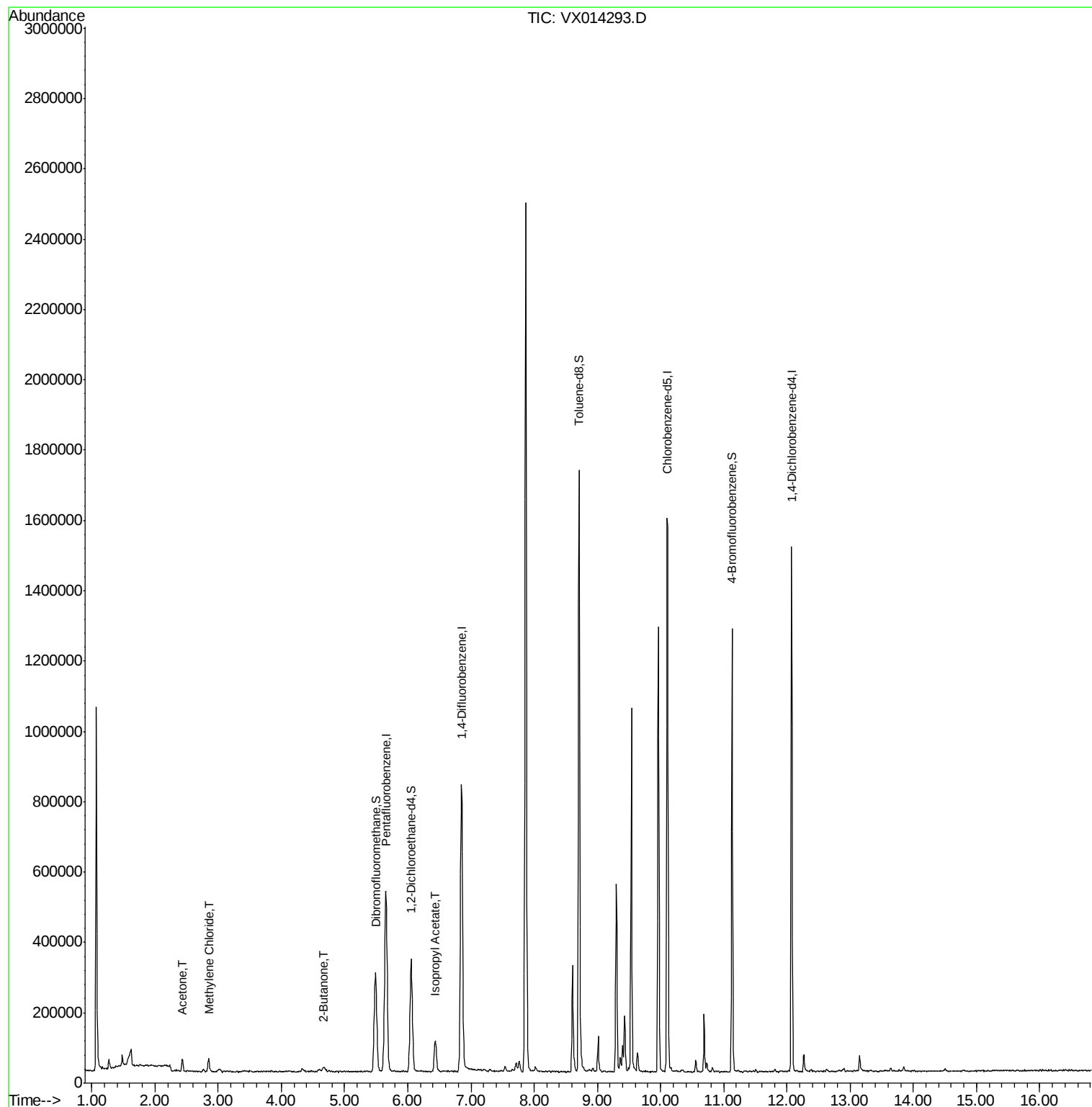
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	538757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	831721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	747295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	315091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	295434	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
35) Dibromofluoromethane	5.49	113	248238	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.71	98	1006962	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	329278	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
16) Acetone	2.43	43	38538	9.722	ug/l	98
20) Methylene Chloride	2.85	84	17776	2.848	ug/l	97
25) 2-Butanone	4.67	43	17934	3.669	ug/l	97
43) Isopropyl Acetate	6.44	43	122823	8.807	ug/l	99

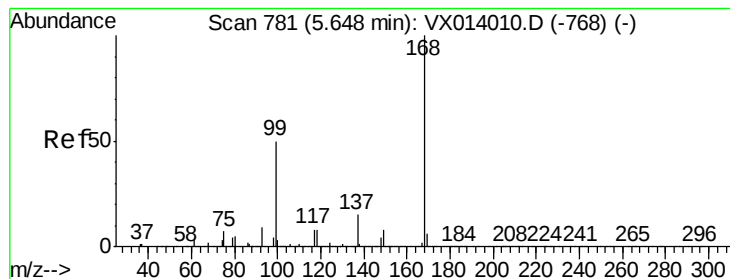
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
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: VX014293.D

Acq: 27 Dec 2019 01:39

Instrument :

MSVOA_X

ClientSampleId :

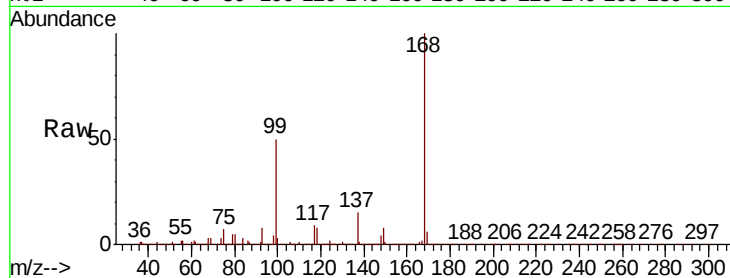
K005-AA-WC-1

Tot Ion:168 Resp: 538757

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

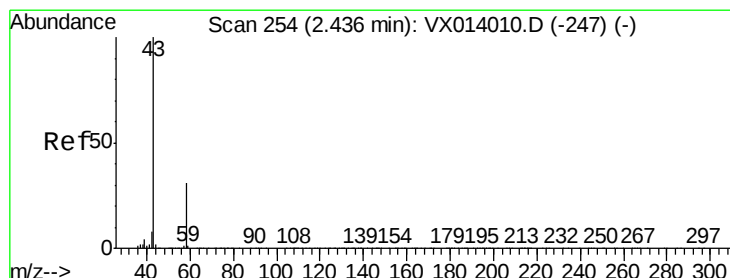
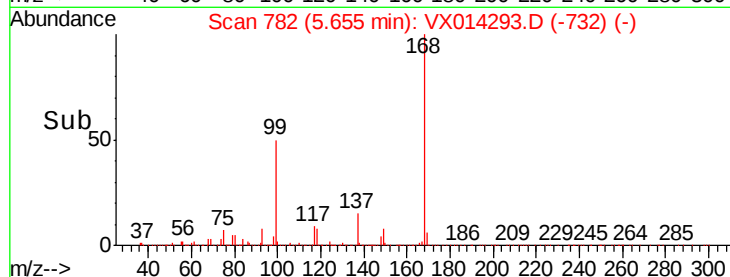
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.722 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014293.D

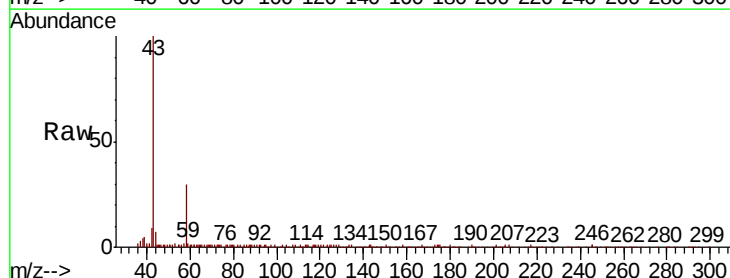
Acq: 27 Dec 2019 01:39

Tgt Ion: 43 Resp: 38538

Ion Ratio Lower Upper

43 100

58 30.0 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

25000

20000

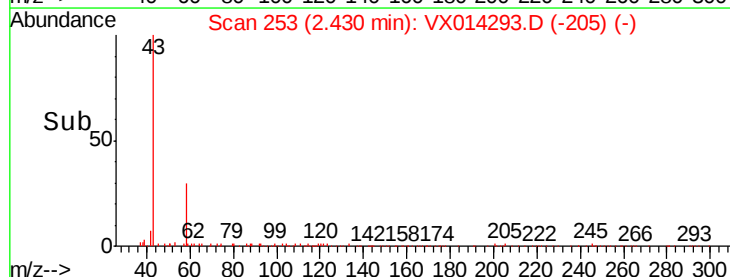
15000

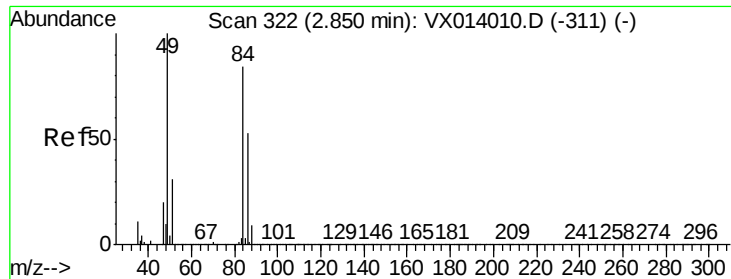
10000

5000

0

Time-->

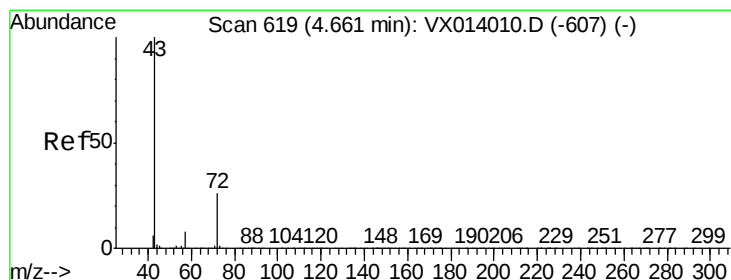
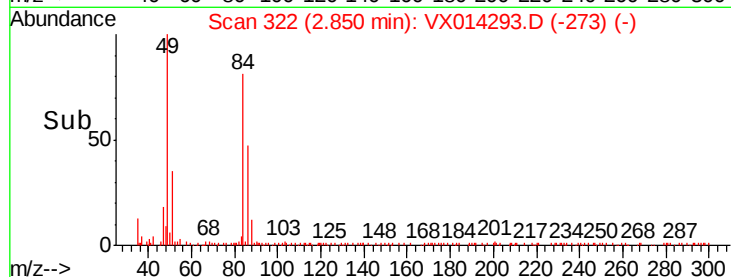
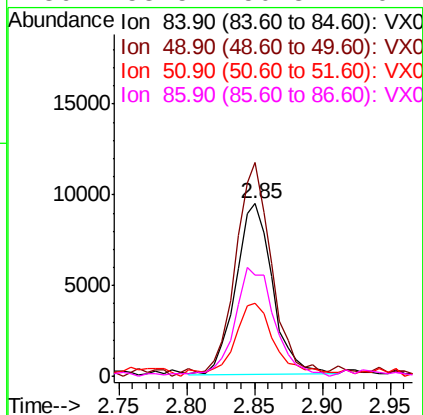
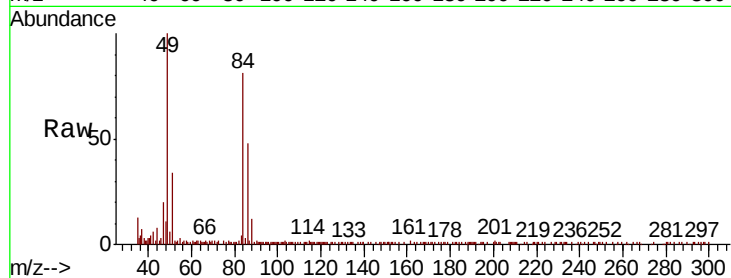




#20
Methvlene Chloride
Concen: 2.848 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014293.D
Acq: 27 Dec 2019 01:39

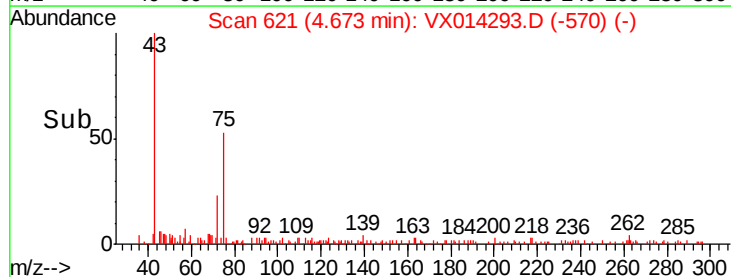
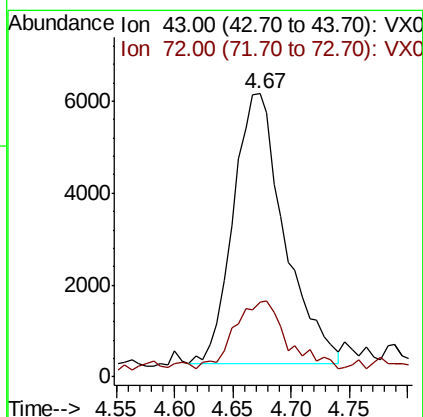
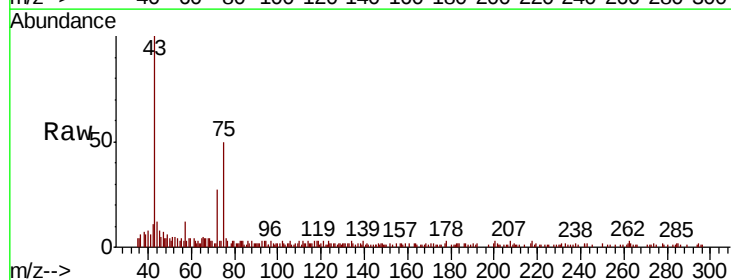
Instrument :
MSVOA_X
ClientSampleId :
K005-AA-WC-1

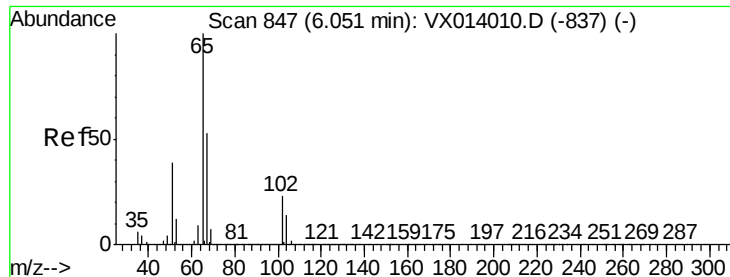
Tot Ion: 84 Resp: 17776
Ion Ratio Lower Upper
84 100
49 120.9 95.8 143.6
51 40.7 29.8 44.8
86 58.5 50.8 76.2



#25
2-Butanone
Concen: 3.669 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014293.D
Acq: 27 Dec 2019 01:39

Tgt Ion: 43 Resp: 17934
Ion Ratio Lower Upper
43 100
72 24.8 21.0 31.4





#33

1,2-Dichloroethane-d4

Concen: 48.384 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014293.D

Acq: 27 Dec 2019 01:39

Instrument :

MSVOA_X

ClientSampleId :

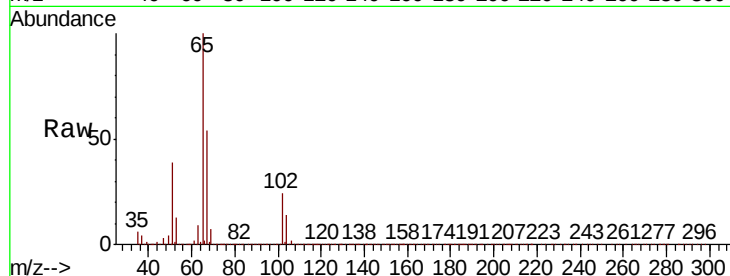
K005-AA-WC-1

Tot Ion: 65 Resp: 295434

Ion Ratio Lower Upper

65 100

67 53.2 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

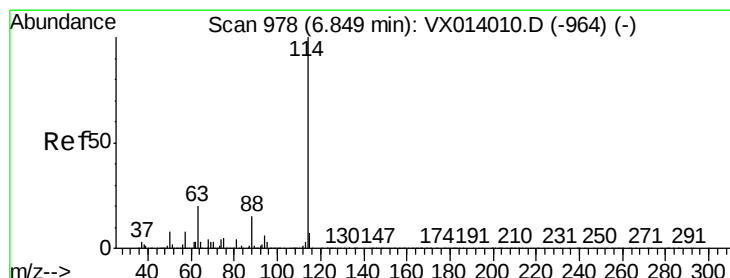
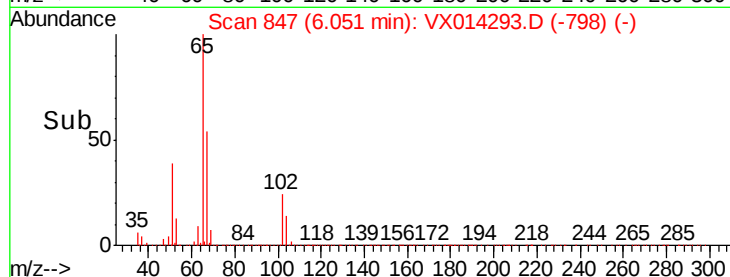
60000

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: VX014293.D

Acq: 27 Dec 2019 01:39

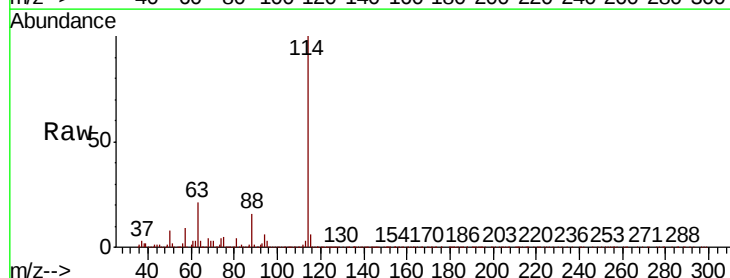
Tgt Ion: 114 Resp: 831721

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 15.6 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

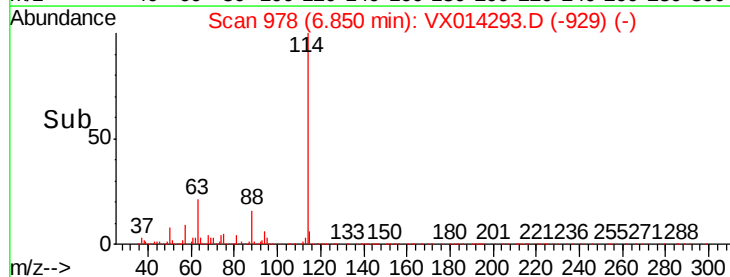
300000

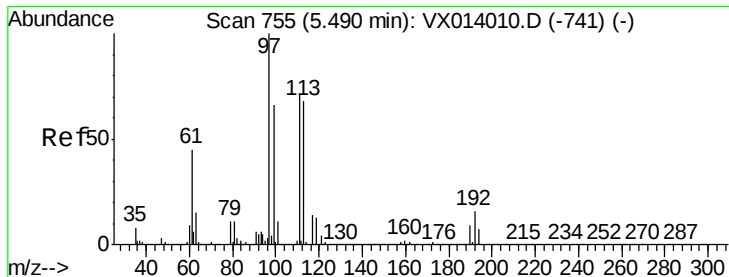
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.098 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014293.D

Acq: 27 Dec 2019 01:39

Instrument :

MSVOA_X

ClientSampleId :

K005-AA-WC-1

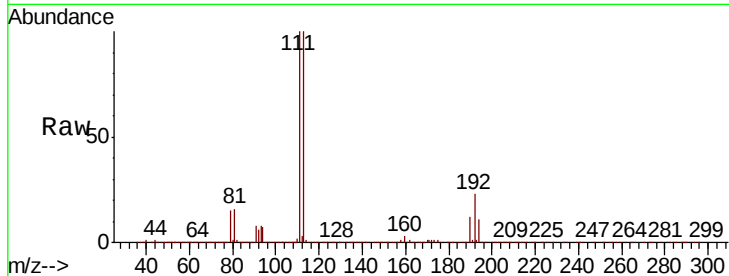
Tot Ion:113 Resp: 248238

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

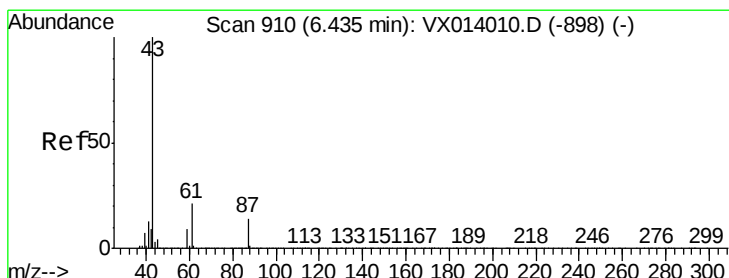
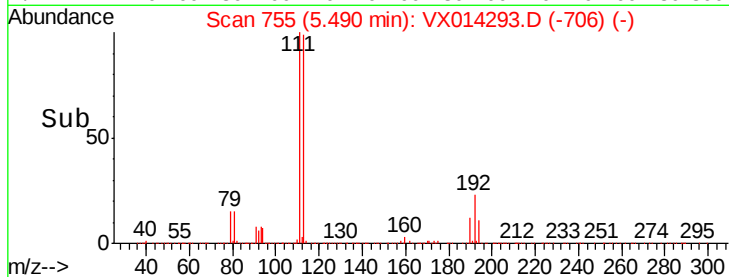
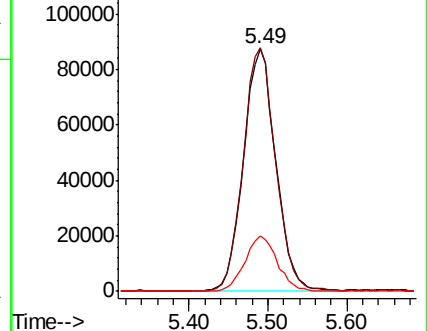
192 23.1 19.3 28.9



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: 8.807 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014293.D

Acq: 27 Dec 2019 01:39

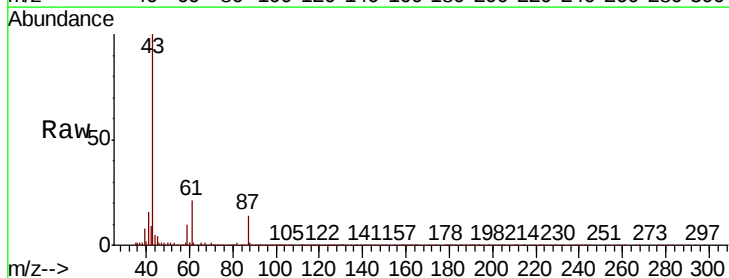
Tgt Ion: 43 Resp: 122823

Ion Ratio Lower Upper

43 100

61 20.3 16.4 24.6

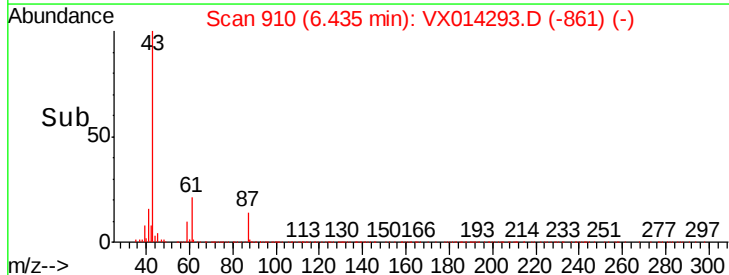
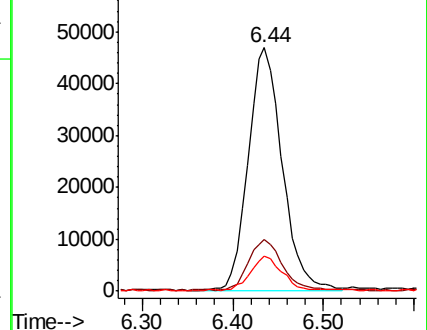
87 12.6 10.7 16.1

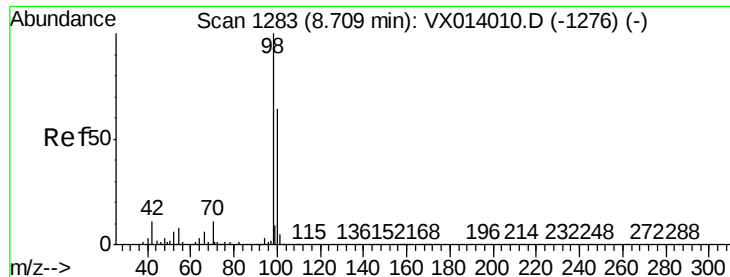


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.156 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014293.D

Acq: 27 Dec 2019 01:39

Instrument :

MSVOA_X

ClientSampleId :

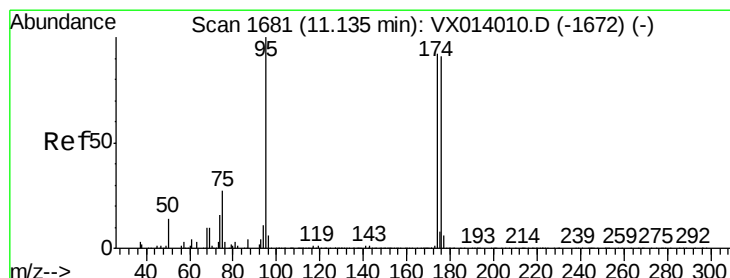
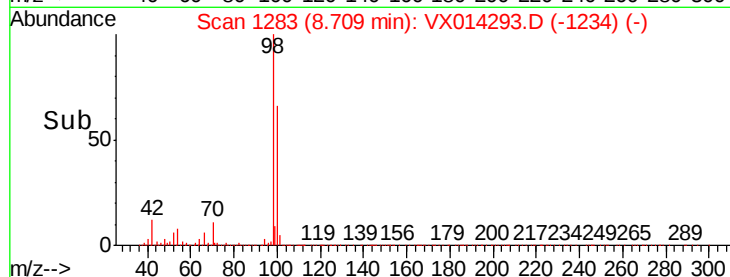
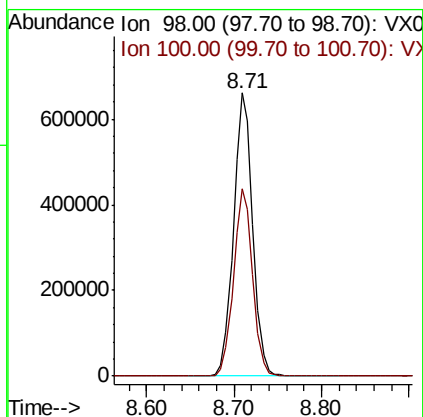
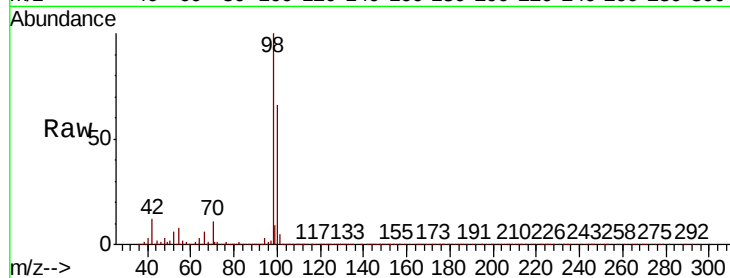
K005-AA-WC-1

Tot Ion: 98 Resp: 1006962

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.762 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014293.D

Acq: 27 Dec 2019 01:39

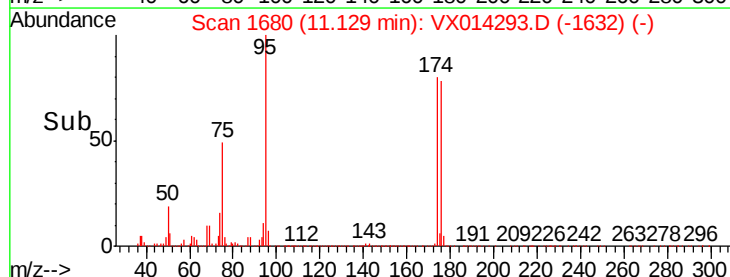
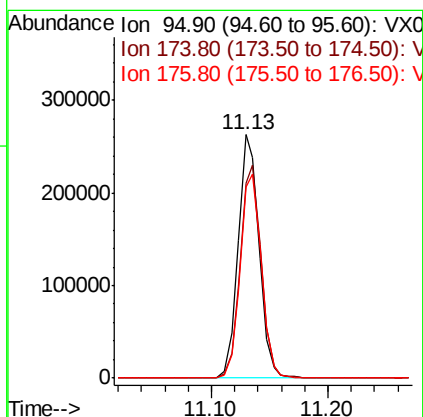
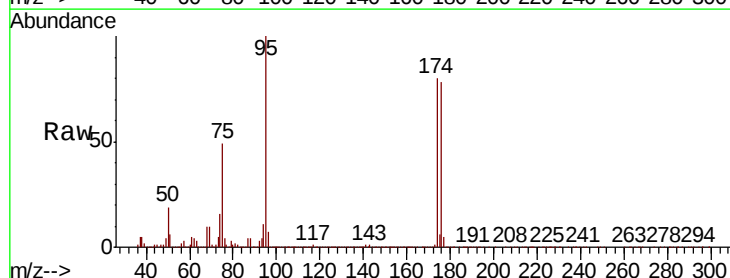
Tgt Ion: 95 Resp: 329278

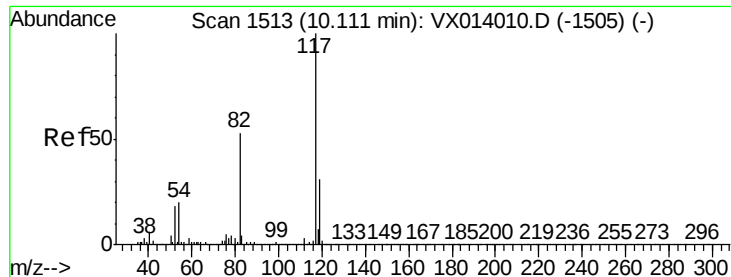
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

176 85.3 0.0 173.0

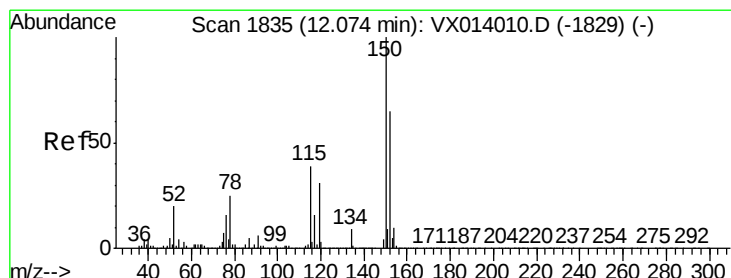
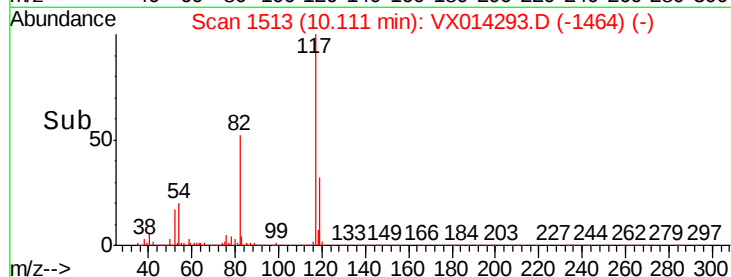
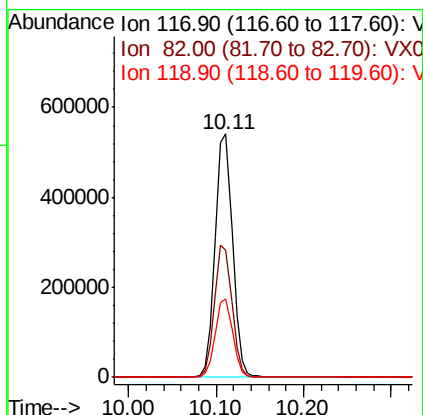
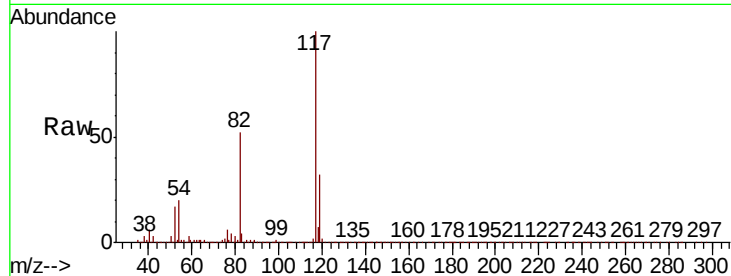




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014293.D
Acq: 27 Dec 2019 01:39

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

Tot Ion:117 Resp: 747295
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.4
119 32.2 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: VX014293.D
Acq: 27 Dec 2019 01:39

Tgt Ion:152 Resp: 315091
Ion Ratio Lower Upper
152 100
115 55.7 38.3 114.9
150 157.2 0.0 345.4

