

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013896.D
 Acq On : 10 Dec 2019 14:26
 Operator : JC/SP
 Sample : K6186-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-GAC2-IDW01

Quant Time: Dec 11 06:21:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

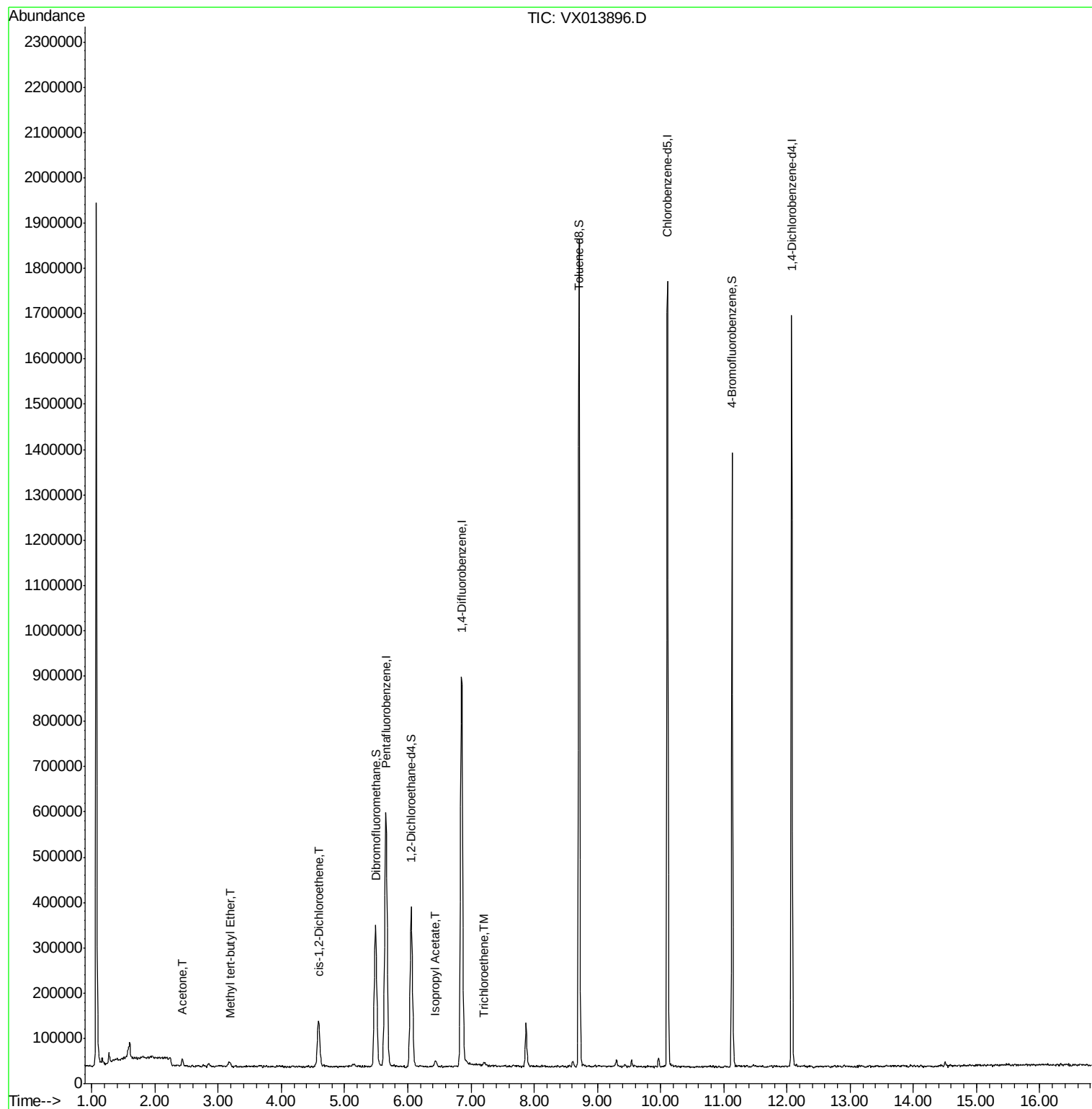
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	587469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	805104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	356143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	328493	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	5.49	113	272159	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	1068046	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	358982	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
16) Acetone	2.43	43	19749	5.866	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	8865	0.479	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	67994	9.721	ug/l	90
43) Isopropyl Acetate	6.43	43	19552	1.307	ug/l	96
44) Trichloroethene	7.21	130	3754	0.554	ug/l	98

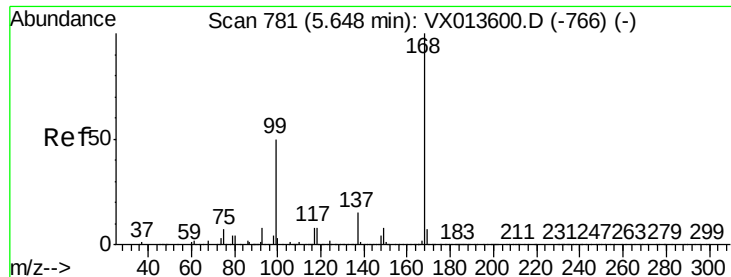
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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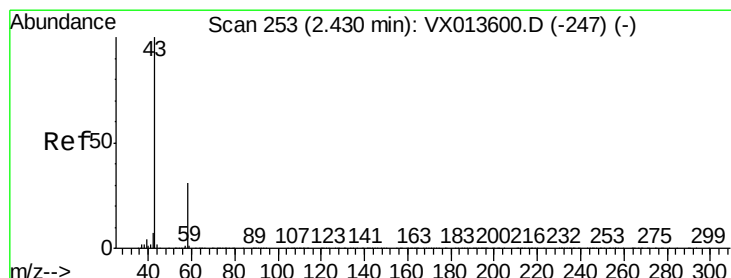
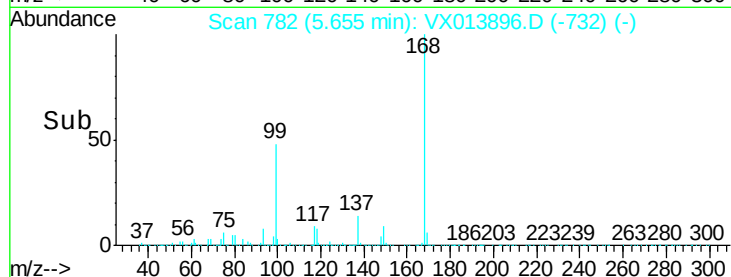
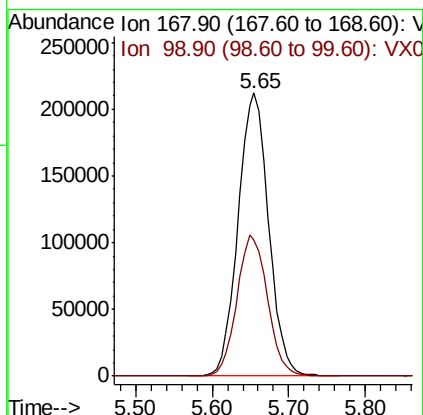
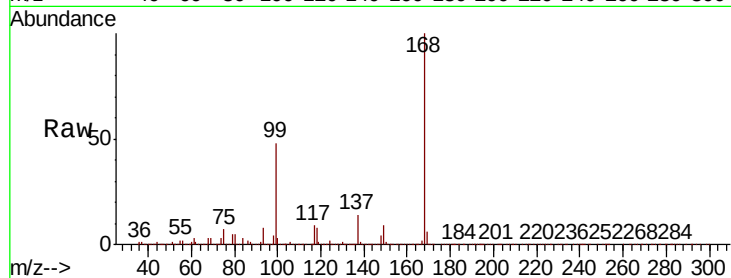




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013896.D
Acq: 10 Dec 2019 14:26

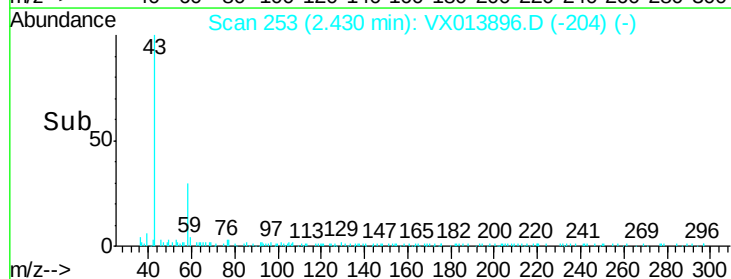
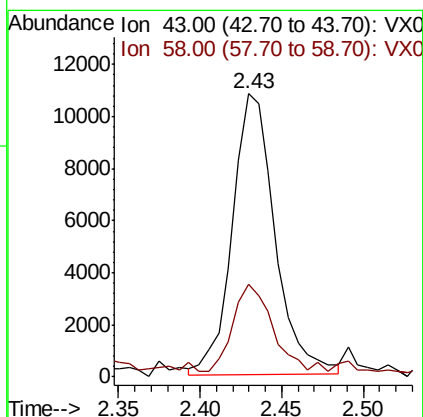
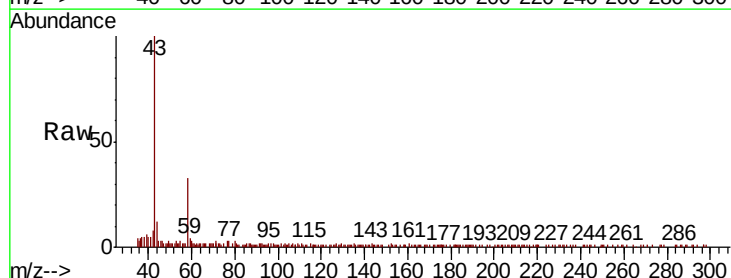
Instrument :
MSVOA_X
ClientSampleId :
S32-GAC2-IDW01

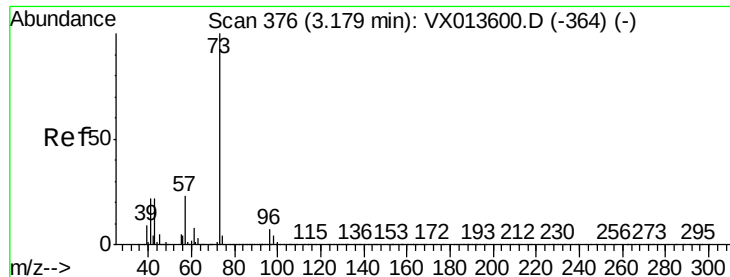
Tot Ion:168 Resp: 587469
Ion Ratio Lower Upper
168 100
99 48.0 39.8 59.8



#16
Acetone
Concen: 5.866 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013896.D
Acq: 10 Dec 2019 14:26

Tgt Ion: 43 Resp: 19749
Ion Ratio Lower Upper
43 100
58 29.2 24.6 36.8

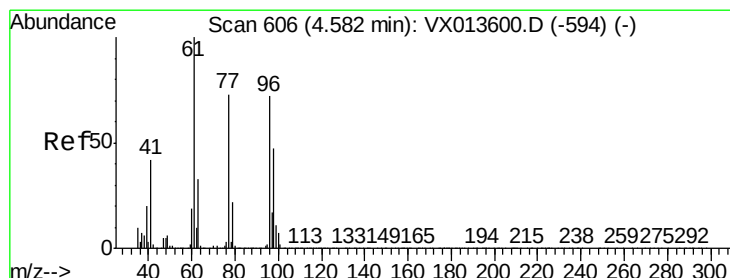
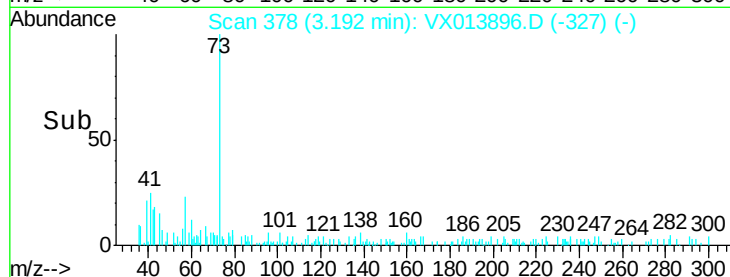
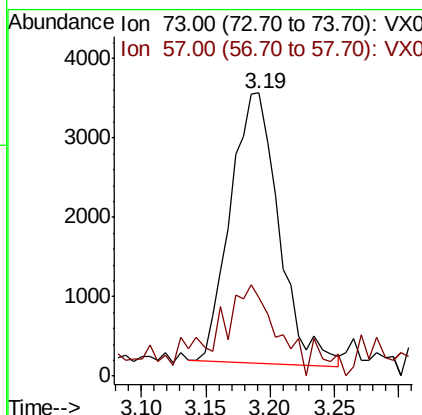
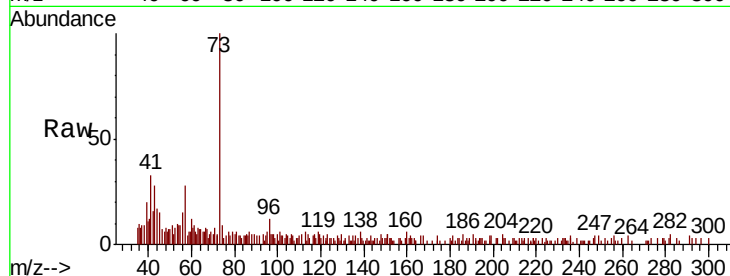




#19
Methyl tert-butyl Ether
Concen: 0.479 ug/l
RT: 3.19 min Scan# 378
Delta R.T. 0.01 min
Lab File: VX013896.D
Acq: 10 Dec 2019 14:26

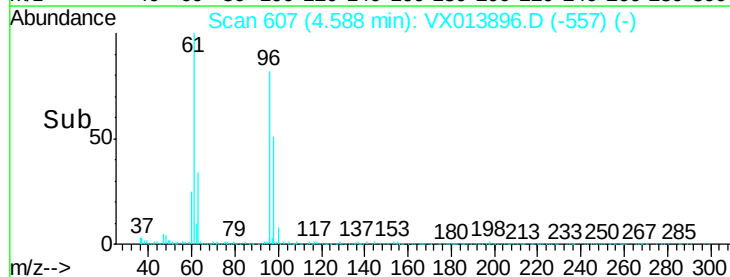
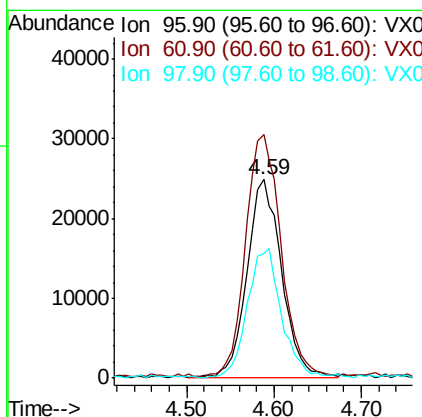
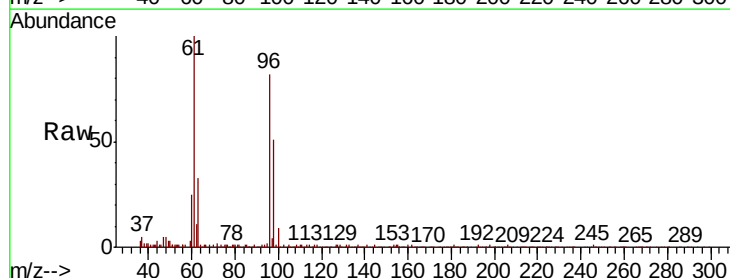
Instrument :
MSVOA_X
ClientSampleId :
S32-GAC2-IDW01

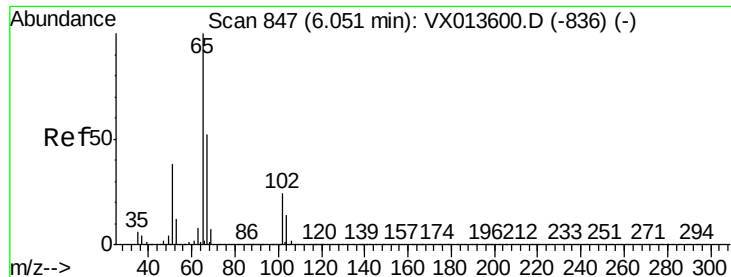
Tot Ion: 73 Resp: 8865
Ion Ratio Lower Upper
73 100
57 21.0 18.3 27.5



#27
cis-1,2-Dichloroethene
Concen: 9.721 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013896.D
Acq: 10 Dec 2019 14:26

Tgt Ion: 96 Resp: 67994
Ion Ratio Lower Upper
96 100
61 125.8 0.0 286.4
98 63.6 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 48.172 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013896.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

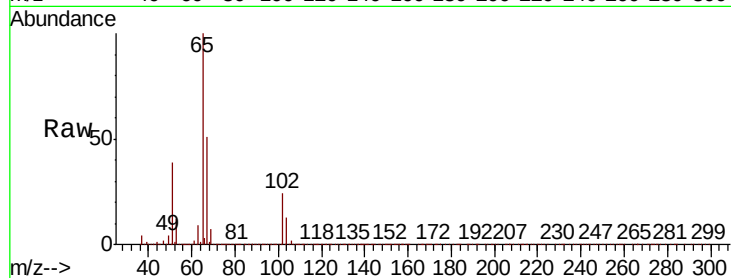
S32-GAC2-IDW01

Tot Ion: 65 Resp: 328493

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

150000

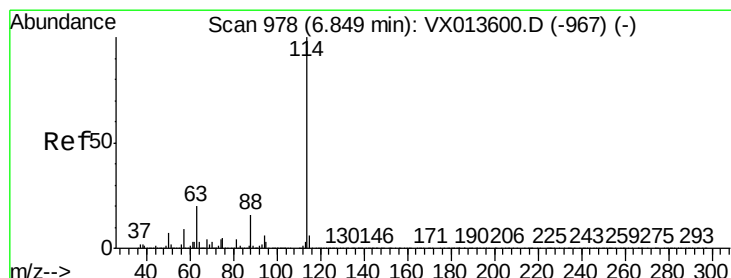
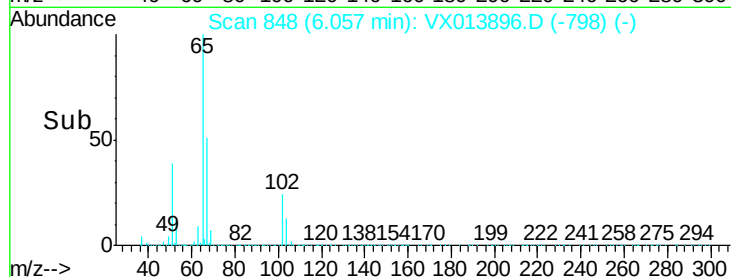
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX013896.D

Acq: 10 Dec 2019 14:26

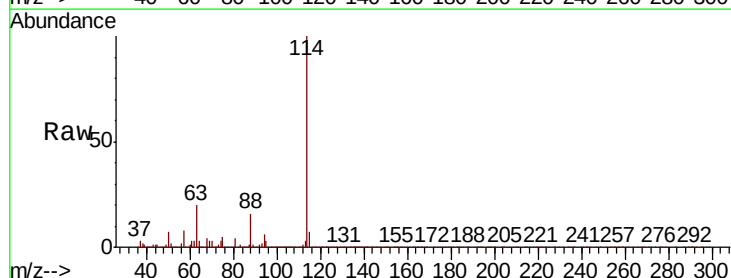
Tgt Ion: 114 Resp: 892499

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.1 0.0 31.4



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

6.86

500000

400000

300000

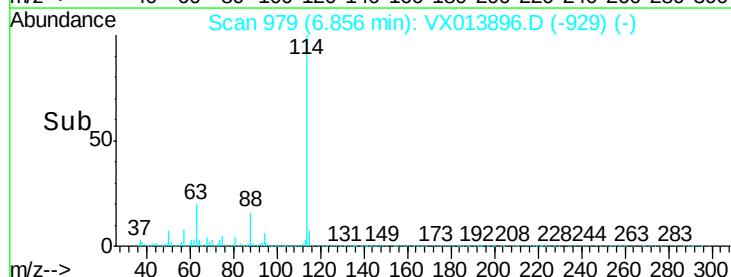
200000

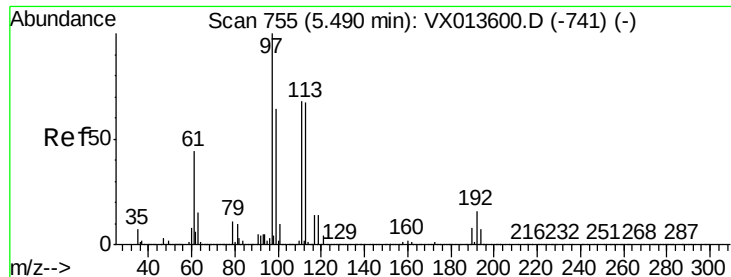
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.326 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013896.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

S32-GAC2-IDW01

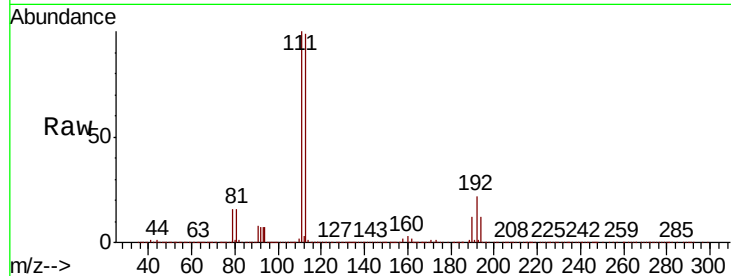
Tot Ion:113 Resp: 272159

Ion Ratio Lower Upper

113 100

111 101.7 83.6 125.4

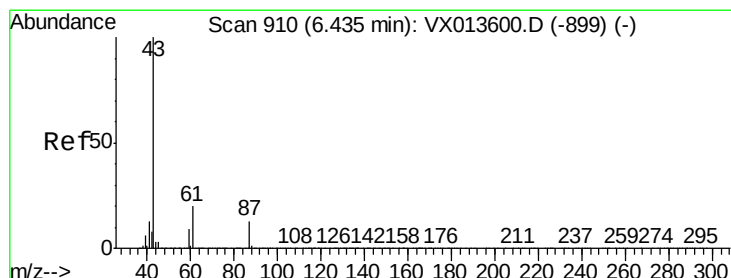
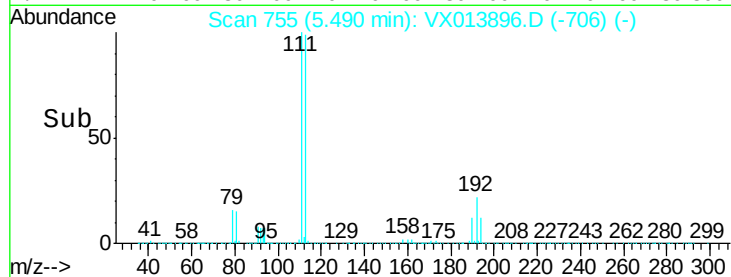
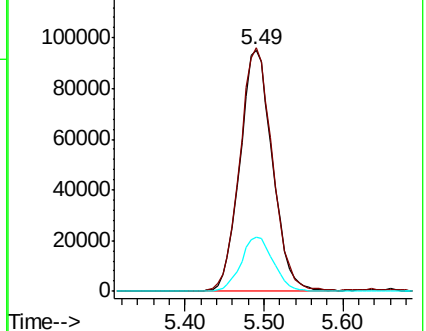
192 22.9 19.2 28.8



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: 1.307 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013896.D

Acq: 10 Dec 2019 14:26

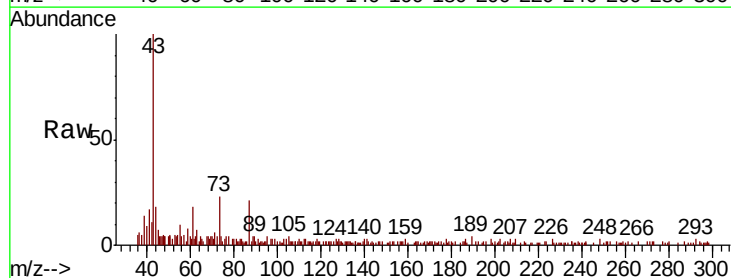
Tgt Ion: 43 Resp: 19552

Ion Ratio Lower Upper

43 100

61 17.8 16.3 24.5

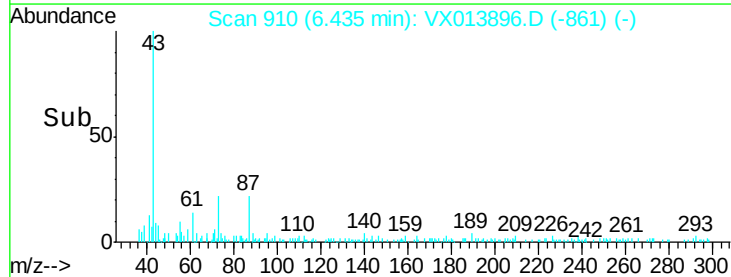
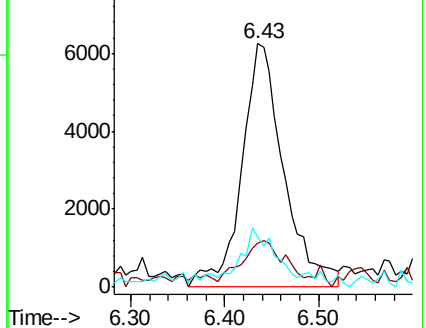
87 14.1 10.8 16.2

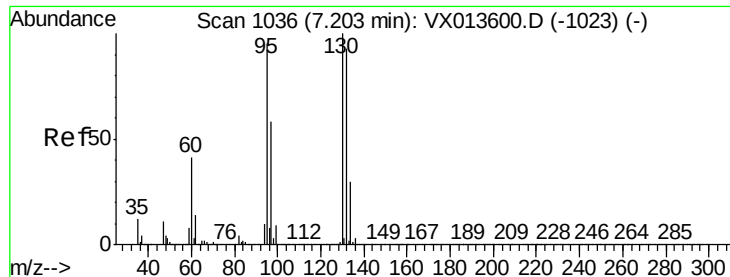


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.554 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013896.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

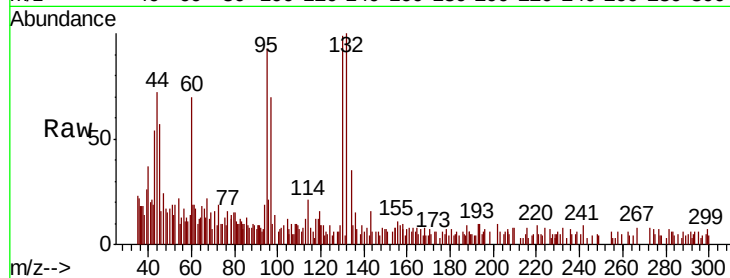
S32-GAC2-IDW01

Tot Ion:130 Resp: 3754

Ion Ratio Lower Upper

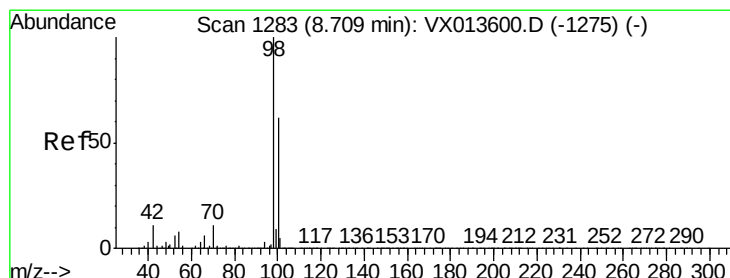
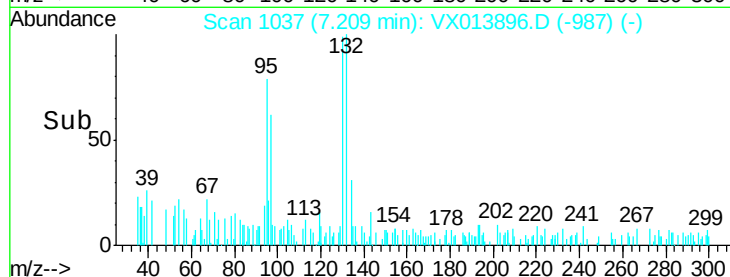
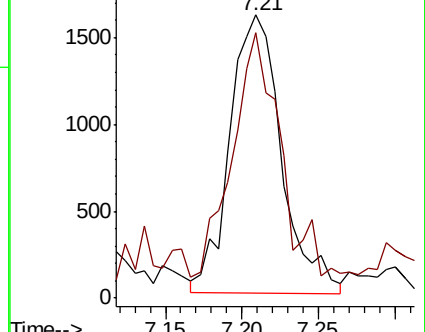
130 100

95 96.9 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.684 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013896.D

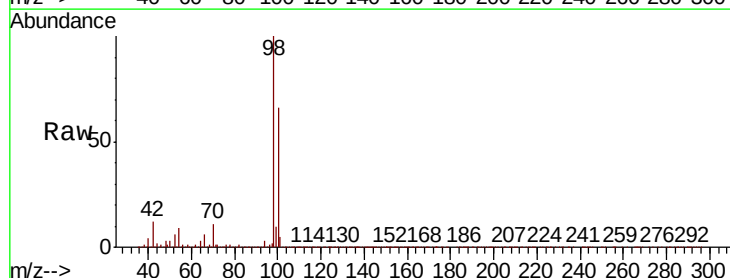
Acq: 10 Dec 2019 14:26

Tgt Ion: 98 Resp: 1068046

Ion Ratio Lower Upper

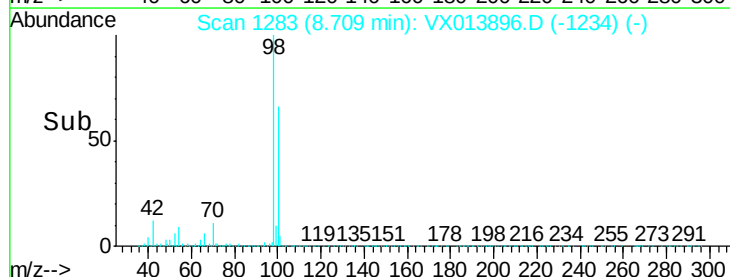
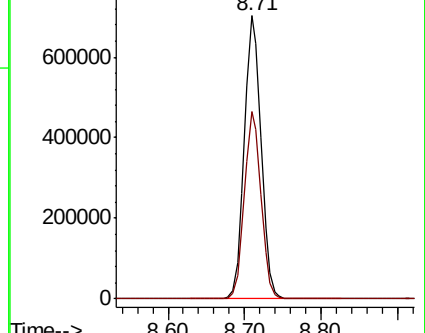
98 100

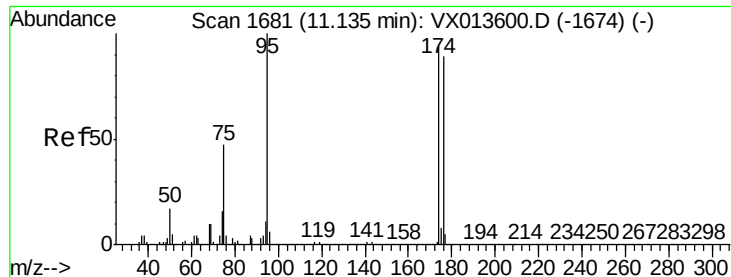
100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

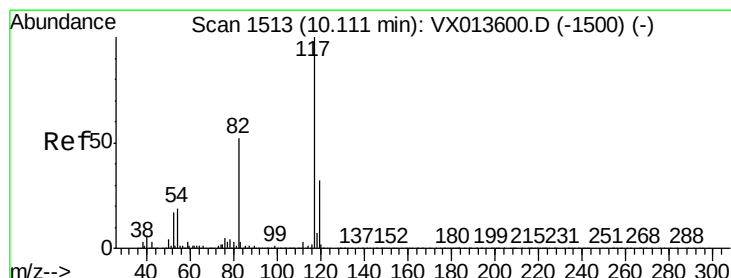
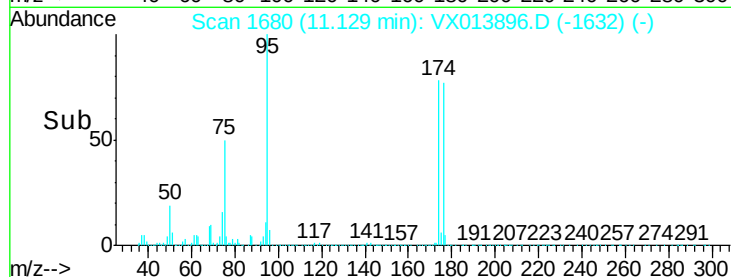
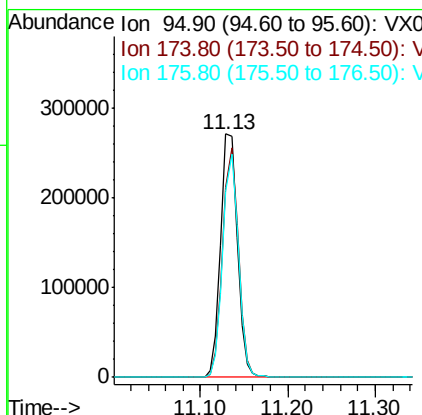
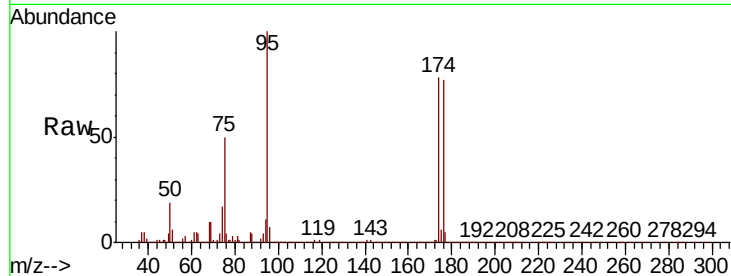




#62
4-Bromofluorobenzene
Concen: 46.309 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013896.D
Acq: 10 Dec 2019 14:26

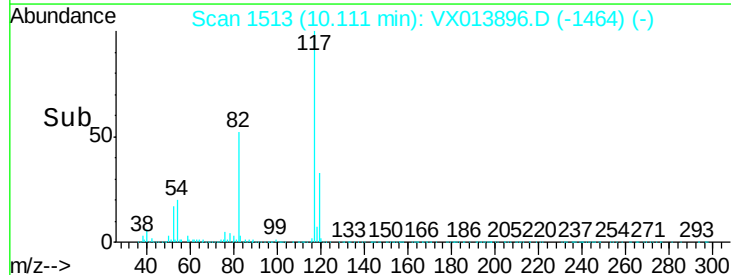
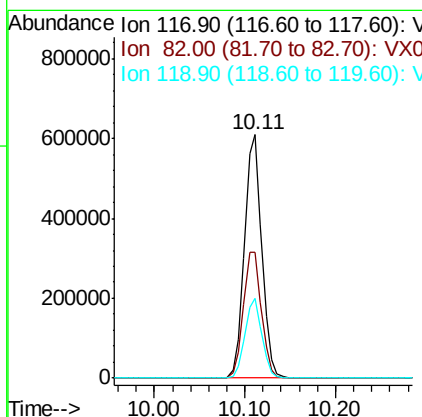
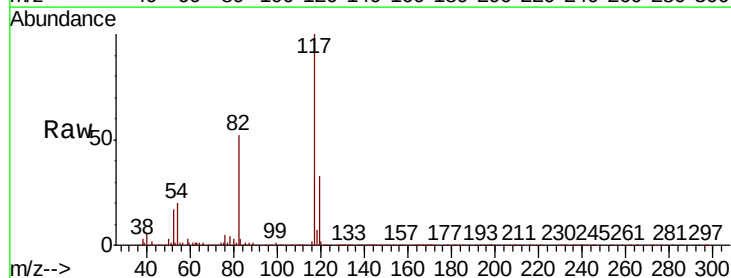
Instrument :
MSVOA_X
ClientSampleId :
S32-GAC2-IDW01

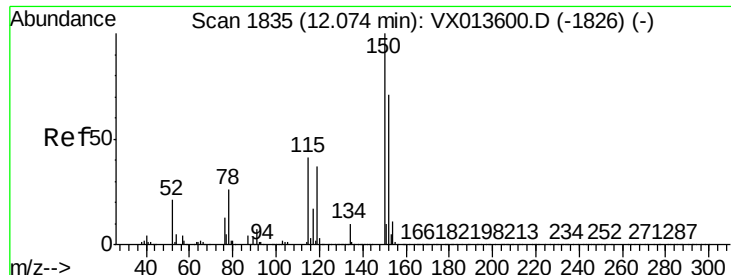
Tot Ion: 95 Resp: 358982
Ion Ratio Lower Upper
95 100
174 89.2 0.0 180.0
176 86.2 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013896.D
Acq: 10 Dec 2019 14:26

Tgt Ion: 117 Resp: 805104
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013896.D

Acq: 10 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

S32-GAC2-IDW01

Tot Ion:152 Resp: 356143

Ion Ratio Lower Upper

152 100

115 56.0 38.4 115.1

150 153.6 0.0 346.8

