

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013625.D
 Acq On : 27 Nov 2019 02:19
 Operator : JC/SP
 Sample : K5962-10 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20191120

Quant Time: Nov 27 06:10:11 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

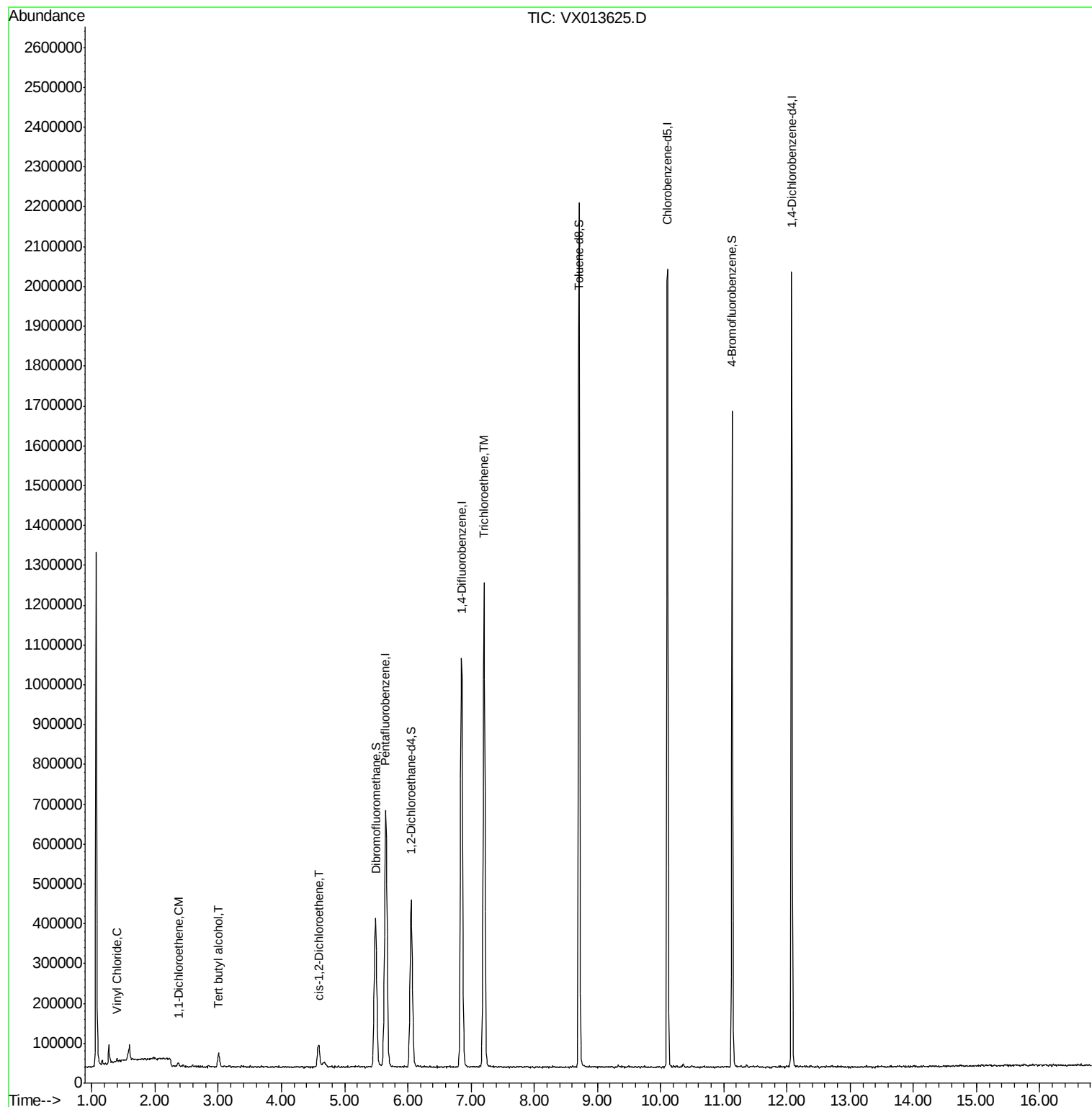
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	687381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1087514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	958049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	391189	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	5.49	113	325197	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	1282646	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.14	95	421163	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	5492	0.568	ug/l #	77
11) Tert butyl alcohol	3.01	59	22253	11.299	ug/l #	85
12) 1,1-Dichloroethene	2.36	96	3407	0.521	ug/l	87
27) cis-1,2-Dichloroethene	4.59	96	36037	4.403	ug/l	89
44) Trichloroethene	7.21	130	484985	58.774	ug/l	95

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013625.D

Acq: 27 Nov 2019 02:19

Instrument :

MSVOA_X

ClientSampleId :

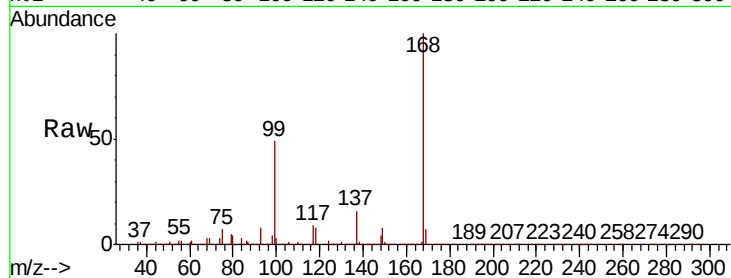
48BR-20191120

Tot Ion:168 Resp: 687381

Ion Ratio Lower Upper

168 100

99 49.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

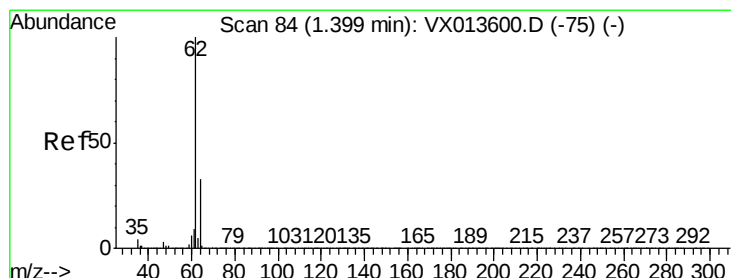
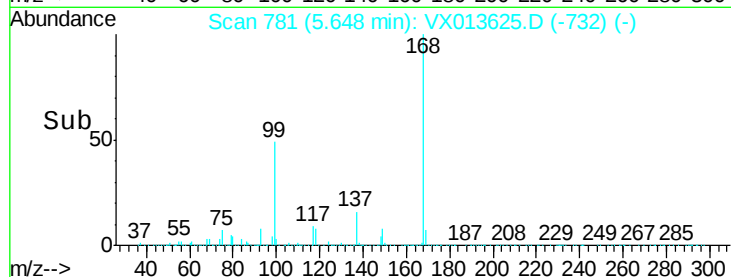
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.568 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013625.D

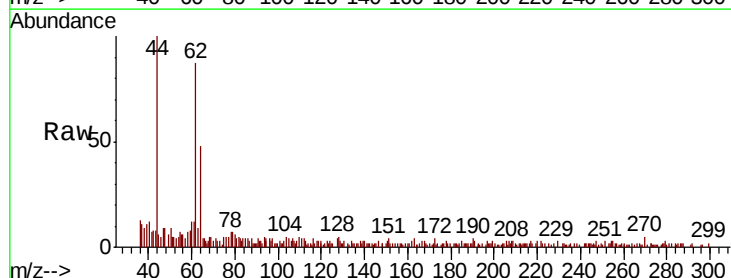
Acq: 27 Nov 2019 02:19

Tgt Ion: 62 Resp: 5492

Ion Ratio Lower Upper

62 100

64 45.3 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

6000

5000

4000

3000

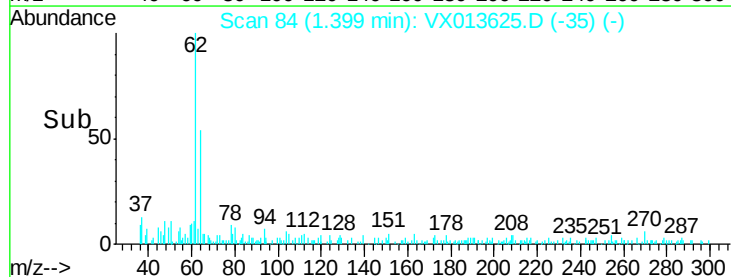
2000

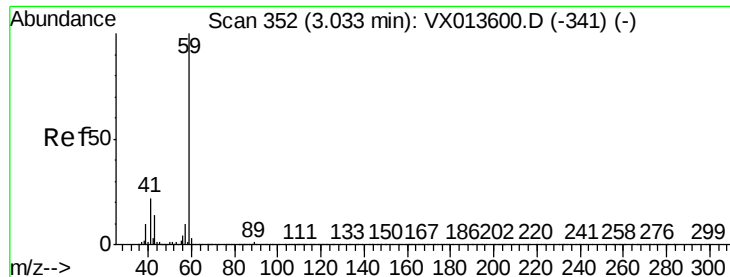
1000

0

Time-->

1.35 1.40 1.45



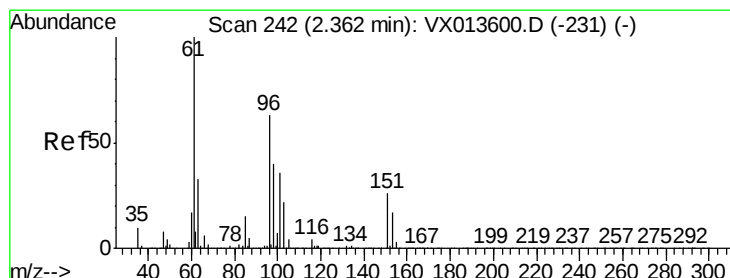
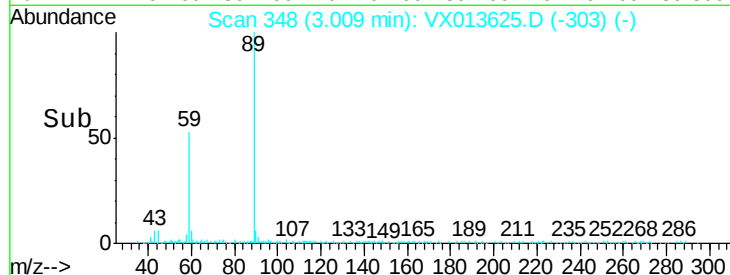
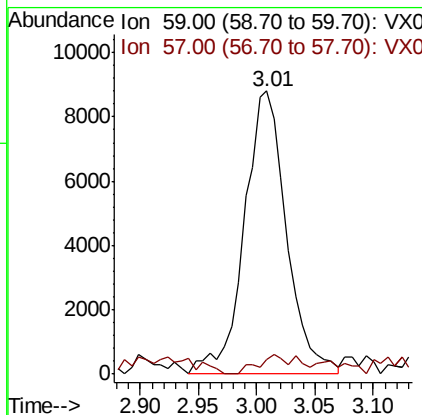
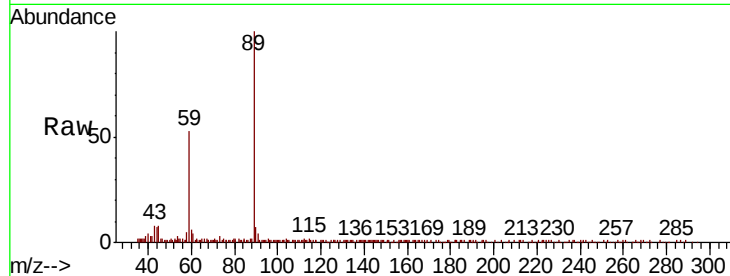


#11

Tert butyl alcohol
 Concen: 11.299 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VX013625.D
 Acq: 27 Nov 2019 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20191120

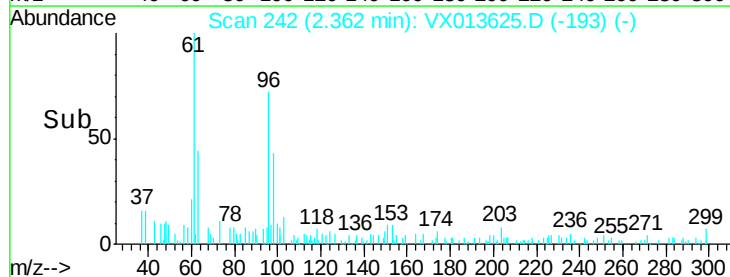
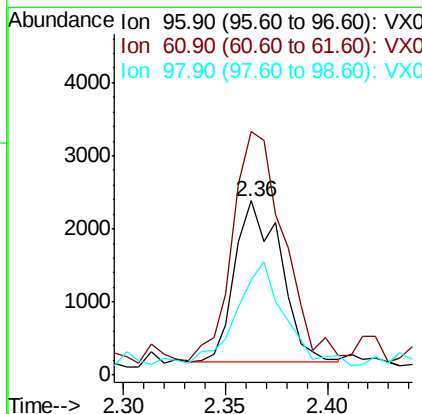
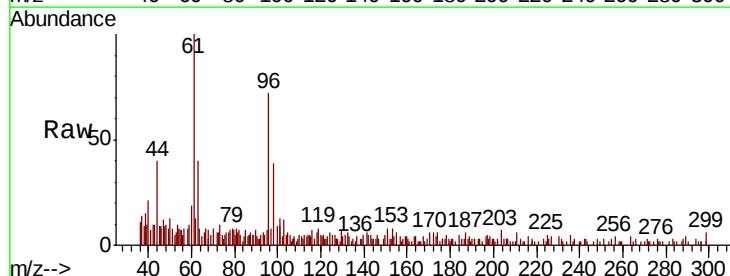
Tot Ion: 59 Resp: 22253
 Ion Ratio Lower Upper
 59 100
 57 4.3 7.8 11.6#

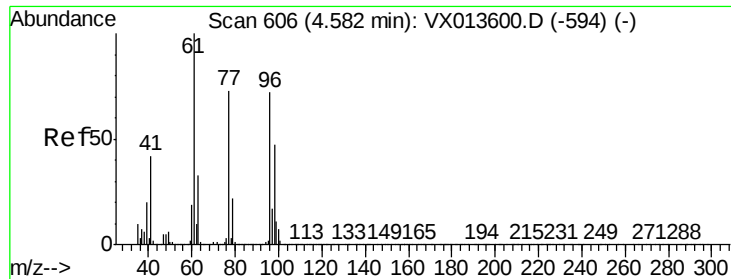


#12

1,1-Dichloroethene
 Concen: 0.521 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013625.D
 Acq: 27 Nov 2019 02:19

Tgt Ion: 96 Resp: 3407
 Ion Ratio Lower Upper
 96 100
 61 142.8 126.6 190.0
 98 52.2 50.6 76.0



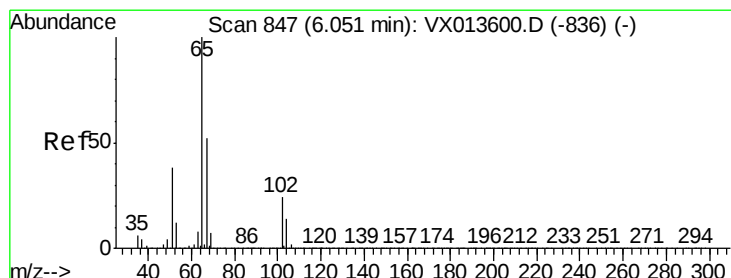
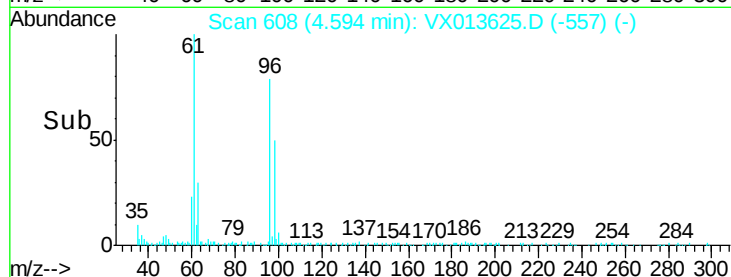
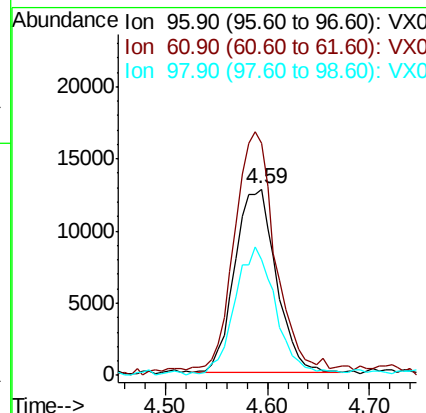
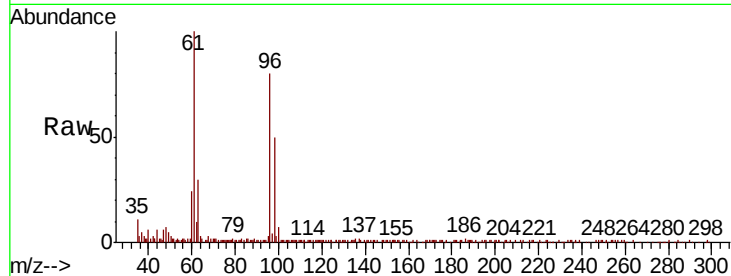


#27

cis-1,2-Dichloroethene
Concen: 4.403 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013625.D
Acq: 27 Nov 2019 02:19

Instrument :
MSVOA_X
ClientSampleId :
48BR-20191120

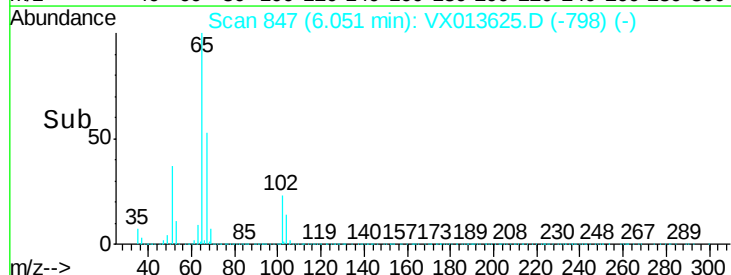
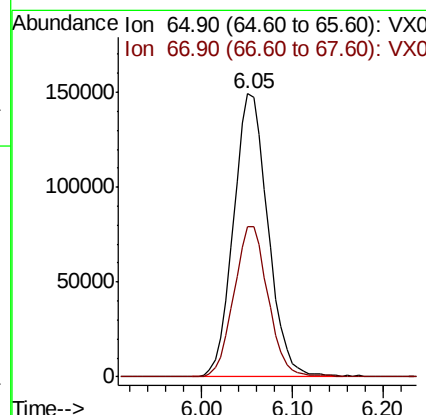
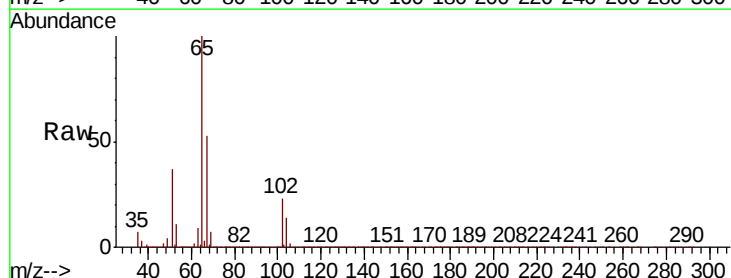
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	286.4
98	70.1	0.0	127.4

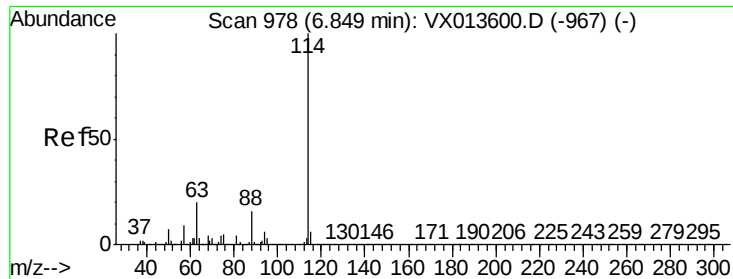


#33

1,2-Dichloroethane-d4
Concen: 49.028 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013625.D
Acq: 27 Nov 2019 02:19

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013625.D

Acq: 27 Nov 2019 02:19

Instrument :

MSVOA_X

ClientSampleId :

48BR-20191120

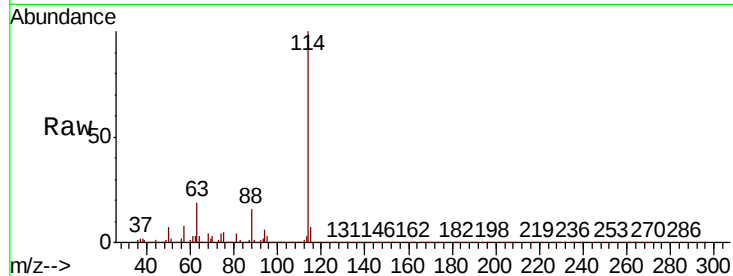
Tot Ion:114 Resp: 1087514

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

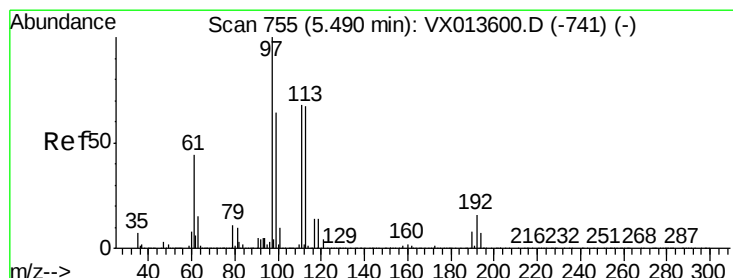
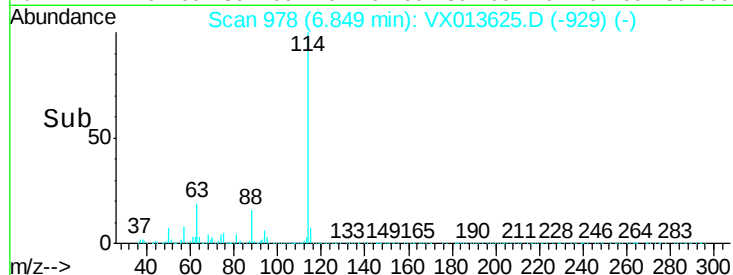
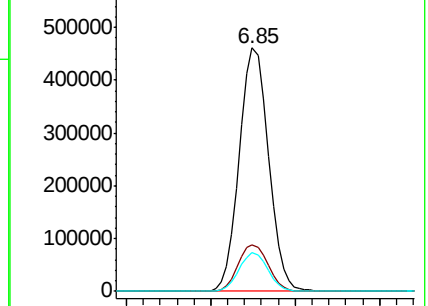
88 15.9 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 48.370 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013625.D

Acq: 27 Nov 2019 02:19

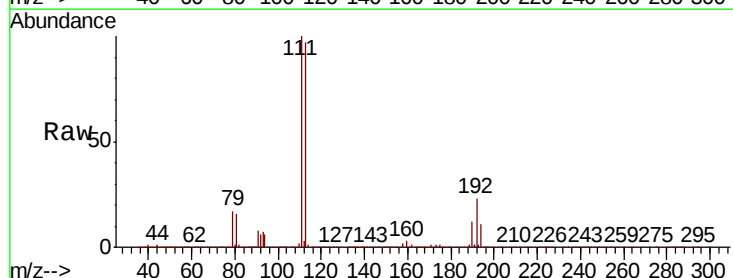
Tgt Ion:113 Resp: 325197

Ion Ratio Lower Upper

113 100

111 101.6 83.6 125.4

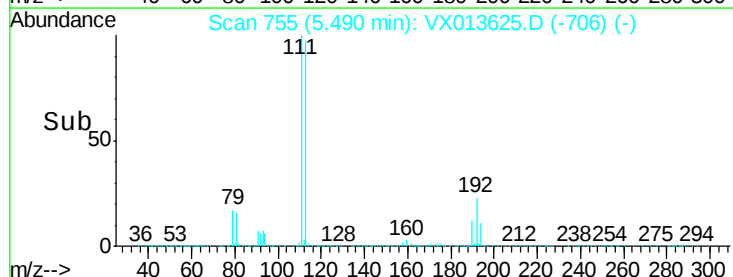
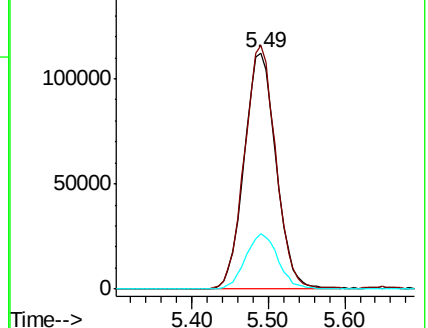
192 23.7 19.2 28.8

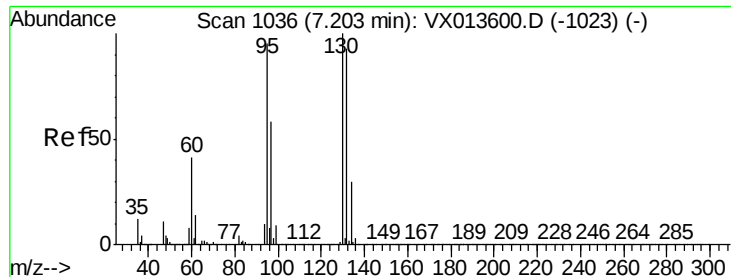


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 58.774 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013625.D

Acq: 27 Nov 2019 02:19

Instrument :

MSVOA_X

ClientSampleId :

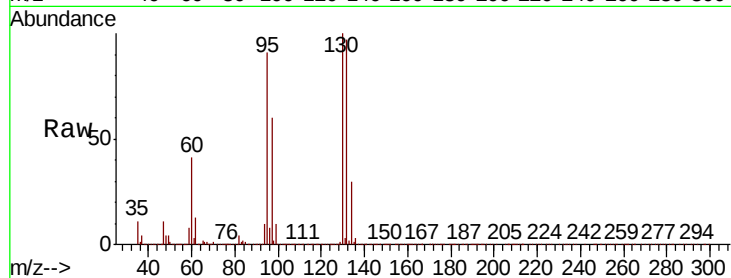
48BR-20191120

Tot Ion:130 Resp: 484985

Ion Ratio Lower Upper

130 100

95 90.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

250000

200000

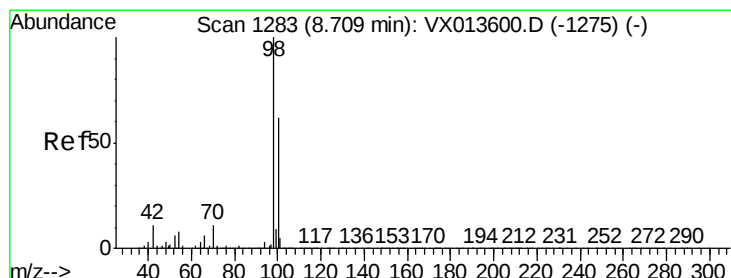
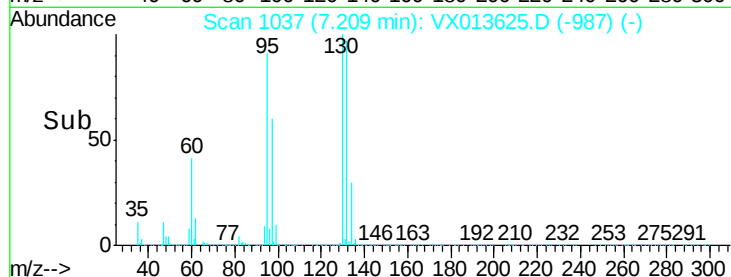
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 48.967 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013625.D

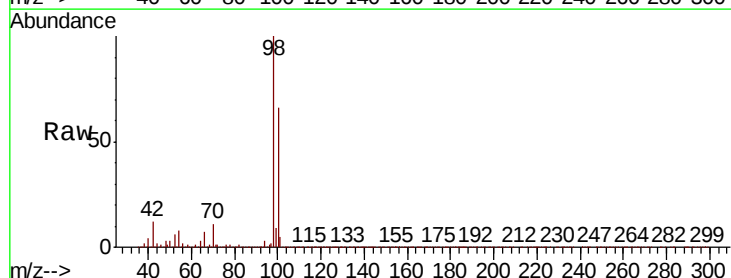
Acq: 27 Nov 2019 02:19

Tgt Ion: 98 Resp: 1282646

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

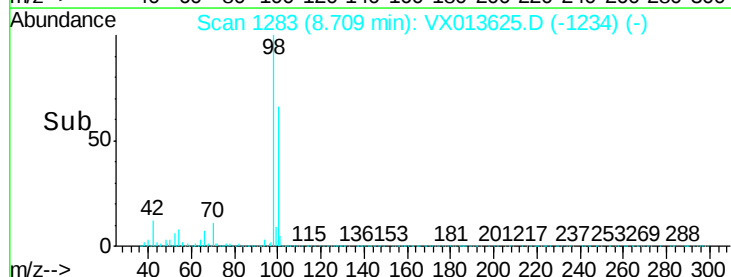
600000

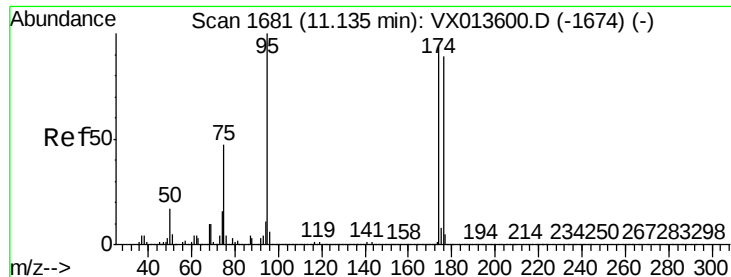
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.588 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013625.D

Acq: 27 Nov 2019 02:19

Instrument :

MSVOA_X

ClientSampleId :

48BR-20191120

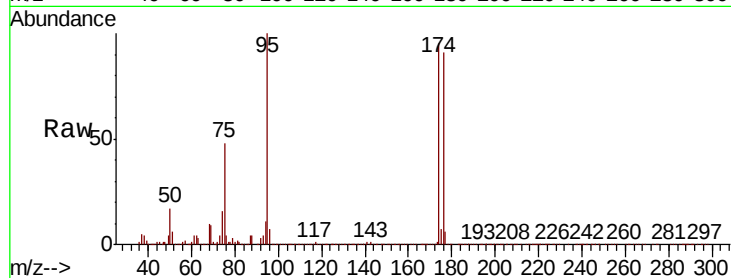
Tot Ion: 95 Resp: 421163

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.0

176 87.8 0.0 173.6

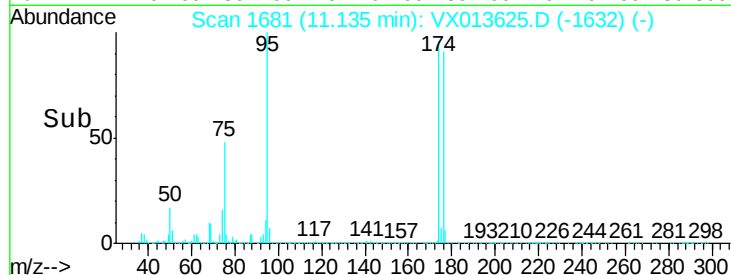


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->

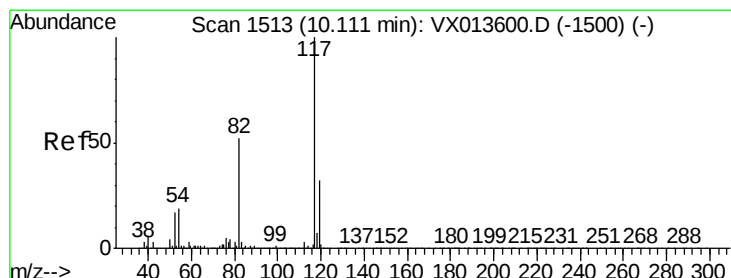


Abundance Ion 94.90 (94.60 to 95.60): VX013625.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013625.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013625.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013625.D

Acq: 27 Nov 2019 02:19

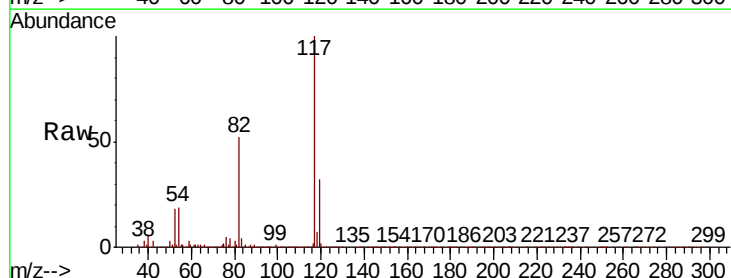
Tgt Ion: 117 Resp: 958049

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.8

119 32.3 25.8 38.8

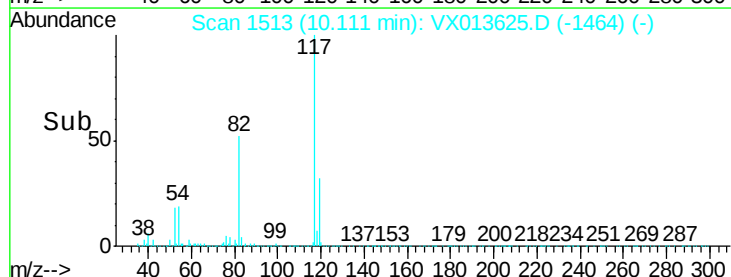


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->

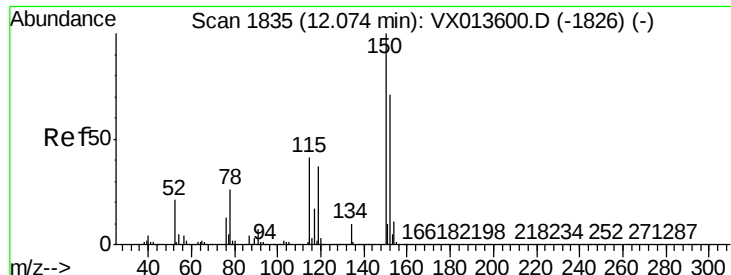


Abundance Ion 116.90 (116.60 to 117.60): VX013625.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013625.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013625.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013625.D

Acq: 27 Nov 2019 02:19

Instrument :

MSVOA_X

ClientSampleId :

48BR-20191120

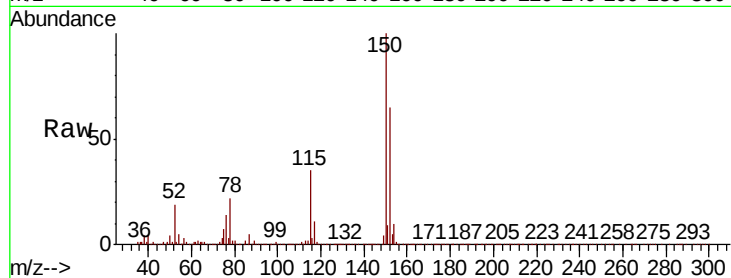
Tot Ion:152 Resp: 421427

Ion Ratio Lower Upper

152 100

115 55.1 38.4 115.1

150 155.8 0.0 346.8



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

