

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011313.D
 Acq On : 02 Aug 2019 18:27
 Operator : JC/SP
 Sample : K4119-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0700

Quant Time: Aug 03 07:05:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

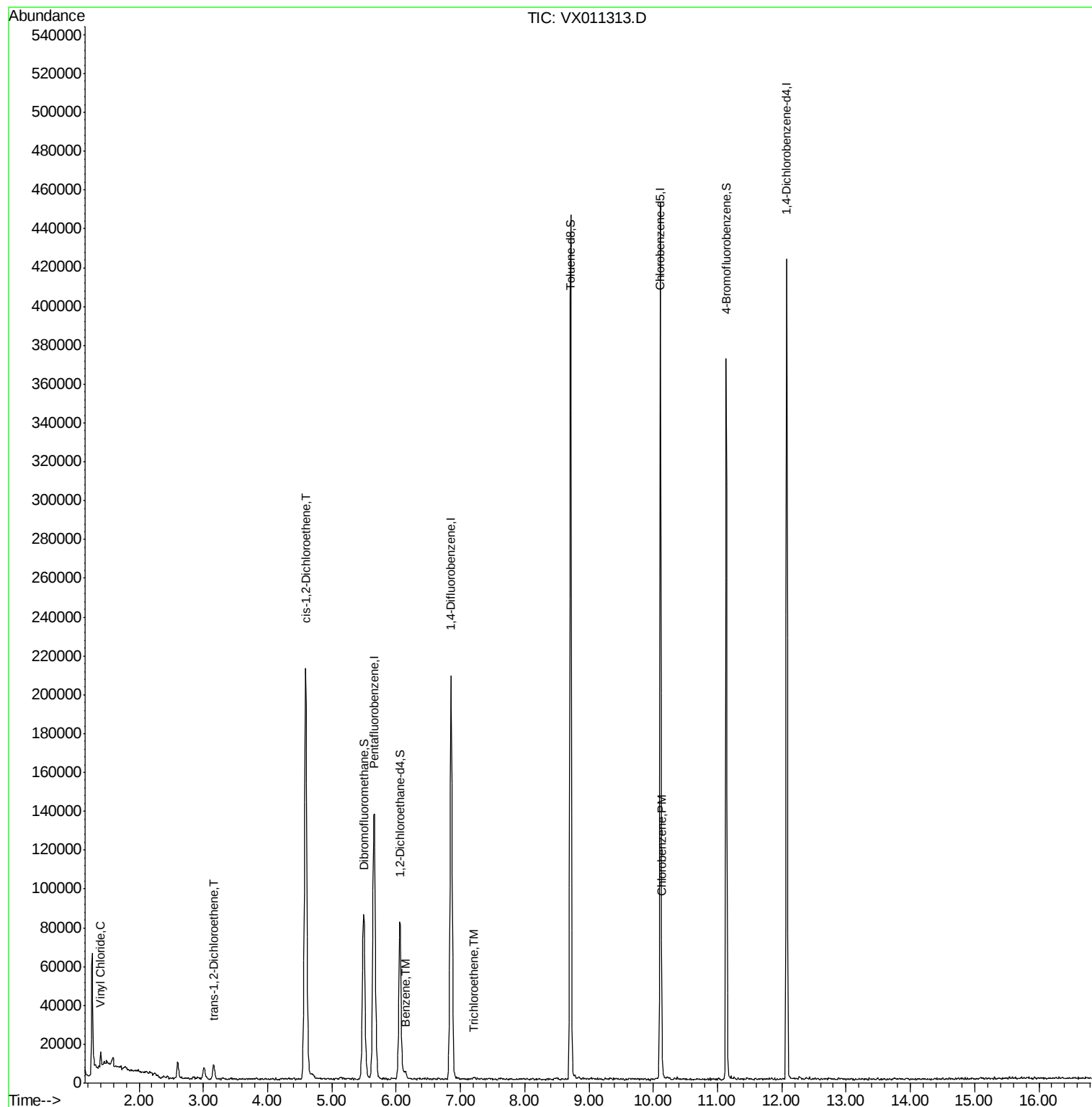
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	139262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	221629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	210732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	73123	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	5.49	113	70641	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.71	98	268147	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	89588	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	4393	3.306	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	3216	2.399	ug/l	84
27) cis-1,2-Dichloroethene	4.59	96	144696	93.725	ug/l	88
40) Benzene	6.15	78	3939	0.682	ug/l #	74
44) Trichloroethene	7.21	130	517	0.296	ug/l	84
65) Chlorobenzene	10.13	112	2824	0.625	ug/l #	88

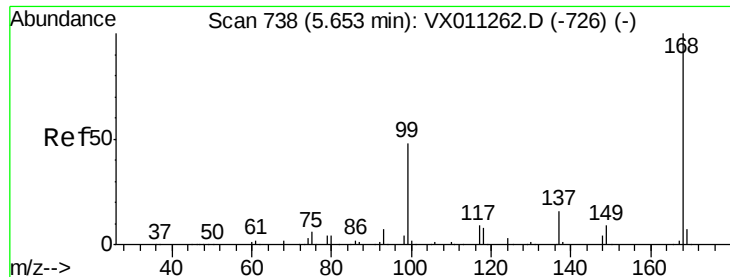
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011313.D

Acq: 02 Aug 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

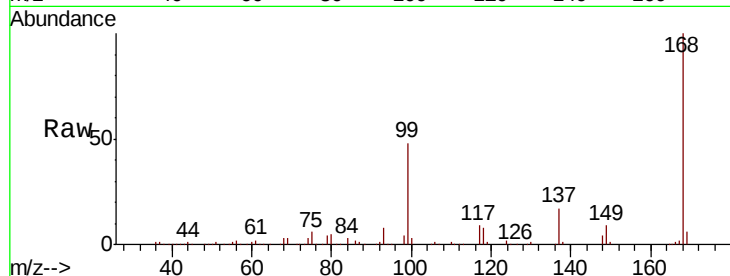
Z3-0700

Tot Ion:168 Resp: 139262

Ion Ratio Lower Upper

168 100

99 48.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

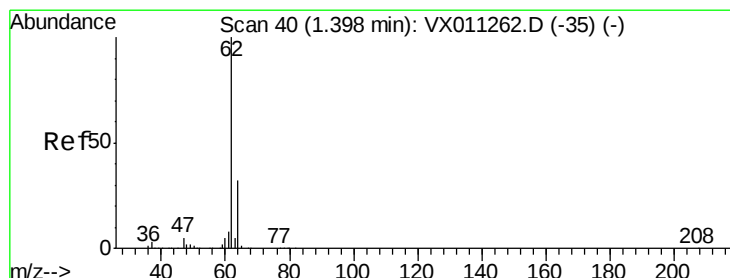
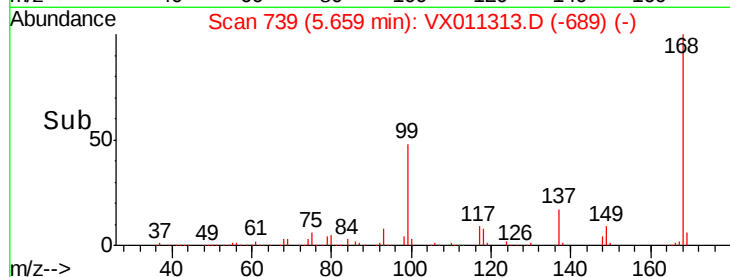
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.306 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011313.D

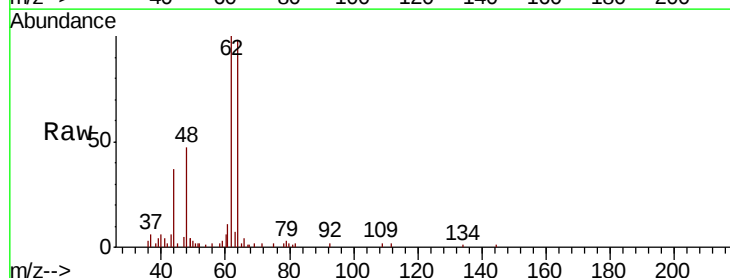
Acq: 02 Aug 2019 18:27

Tgt Ion: 62 Resp: 4393

Ion Ratio Lower Upper

62 100

64 34.8 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

5000

4000

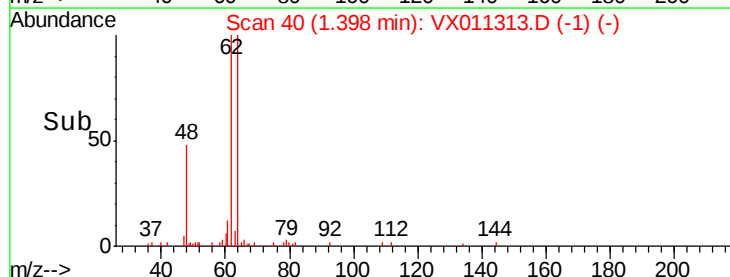
3000

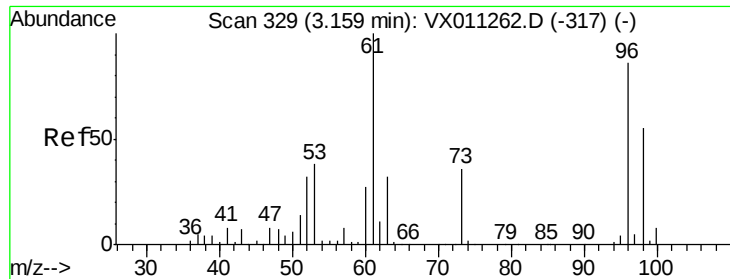
2000

1000

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 2.399 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011313.D

Acq: 02 Aug 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

Z3-0700

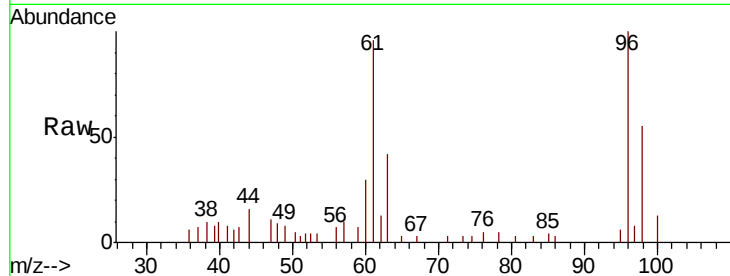
Tot Ion: 96 Resp: 3216

Ion Ratio Lower Upper

96 100

61 95.9 92.8 139.2

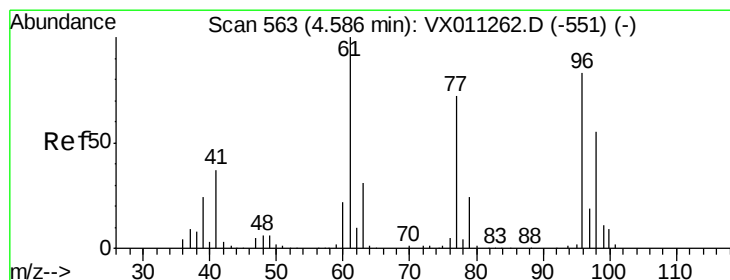
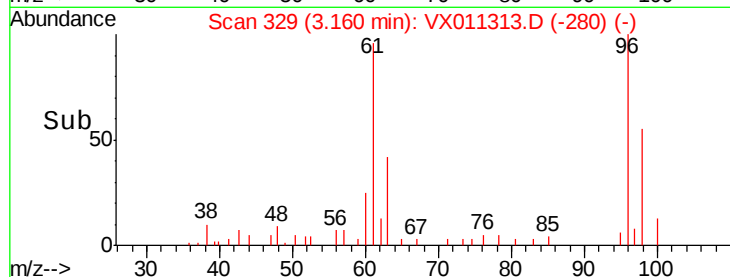
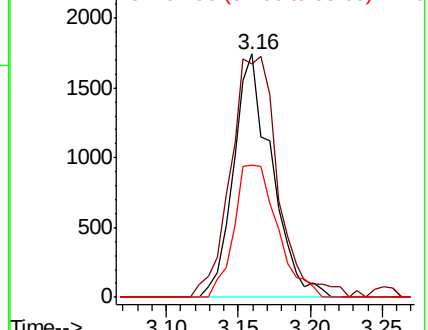
98 54.6 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 93.725 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX011313.D

Acq: 02 Aug 2019 18:27

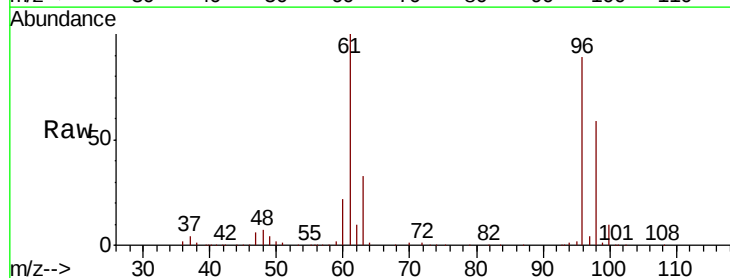
Tgt Ion: 96 Resp: 144696

Ion Ratio Lower Upper

96 100

61 111.5 0.0 260.2

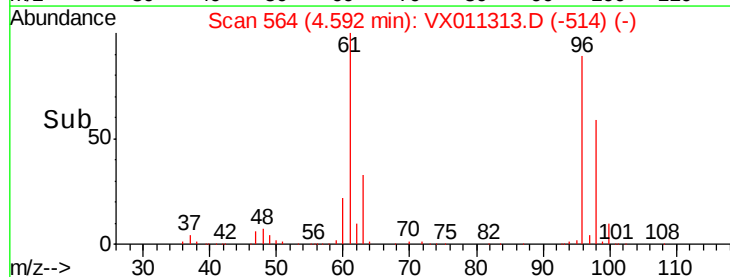
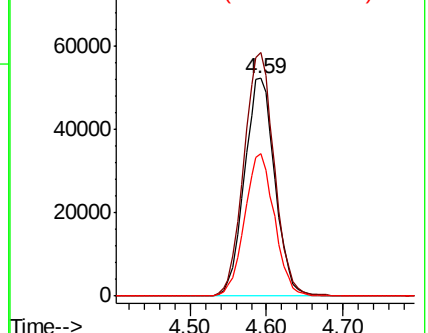
98 64.1 0.0 133.2

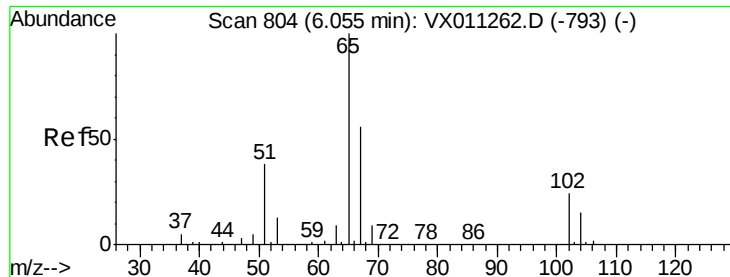


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.140 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011313.D

Acq: 02 Aug 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

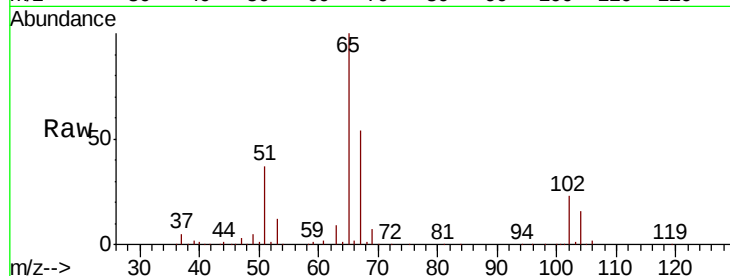
Z3-0700

Tot Ion: 65 Resp: 73123

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

25000

20000

15000

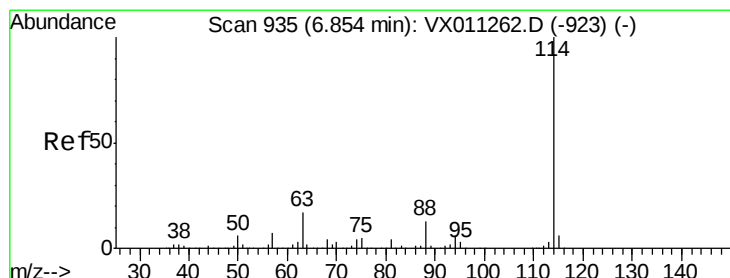
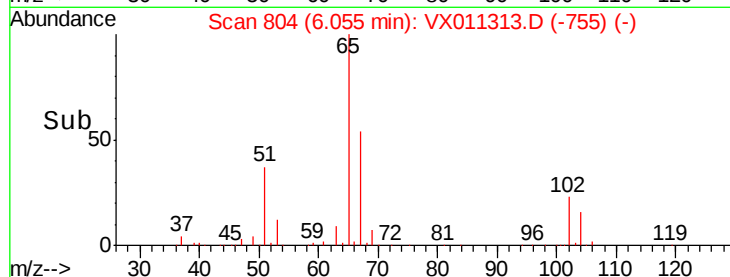
10000

5000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011313.D

Acq: 02 Aug 2019 18:27

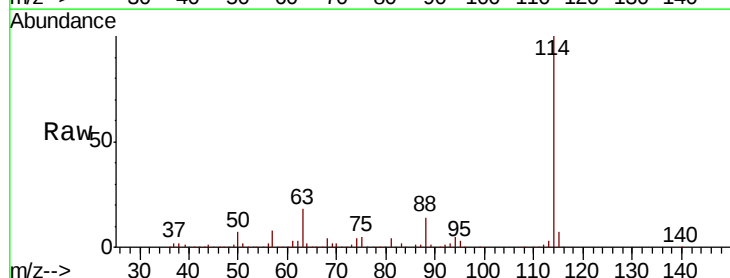
Tgt Ion: 114 Resp: 221629

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 14.3 0.0 26.4



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

120000

100000

80000

60000

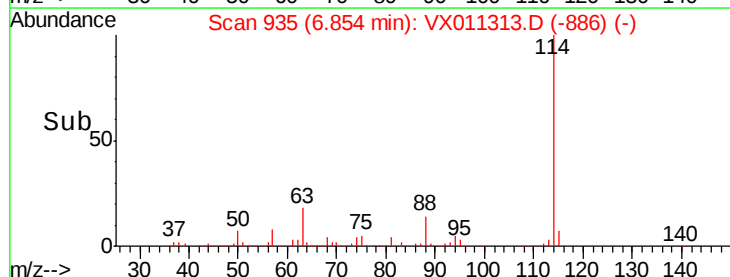
40000

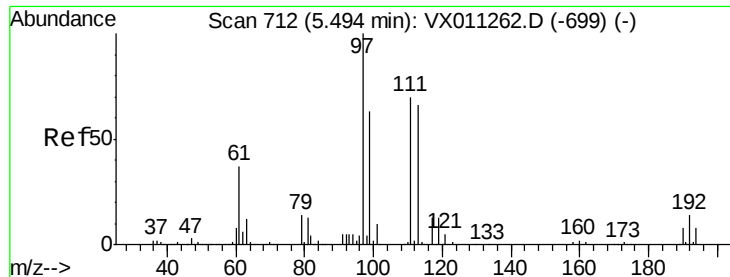
20000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 48.820 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011313.D

Acq: 02 Aug 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

Z3-0700

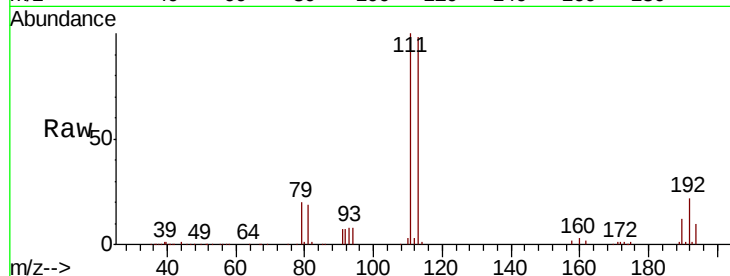
Tot Ion:113 Resp: 70641

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

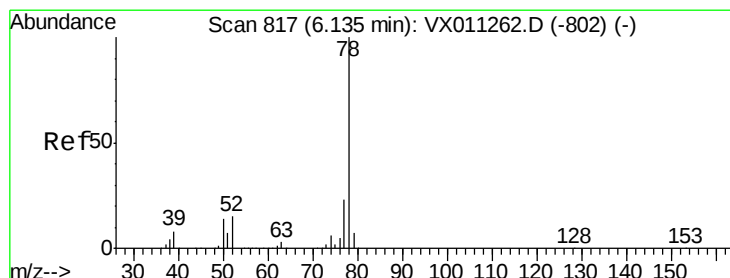
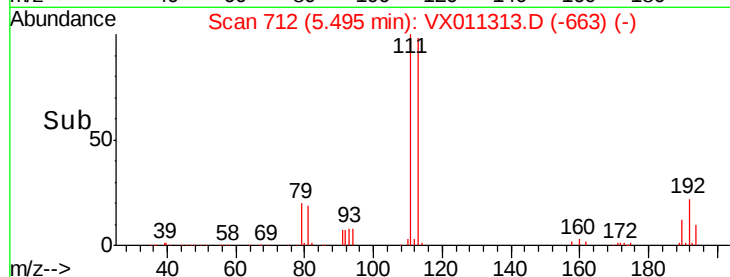
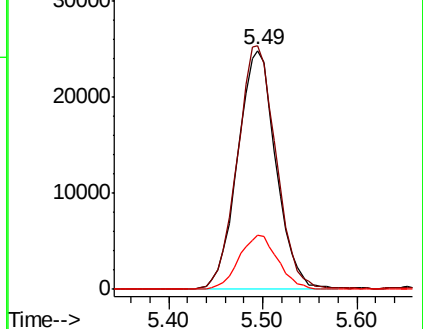
192 23.0 17.8 26.8



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



#40

Benzene

Concen: 0.682 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011313.D

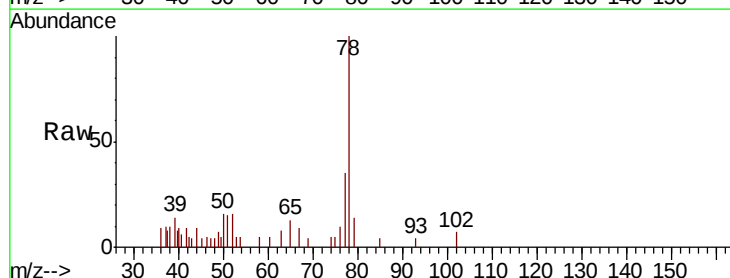
Acq: 02 Aug 2019 18:27

Tgt Ion: 78 Resp: 3939

Ion Ratio Lower Upper

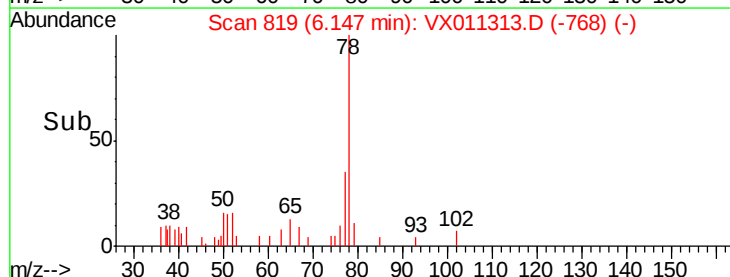
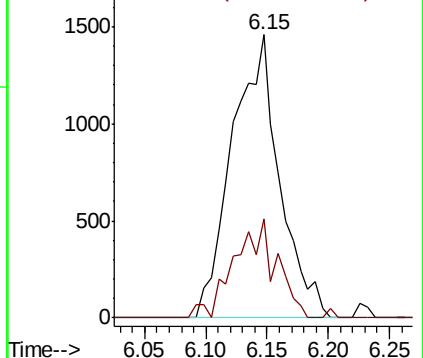
78 100

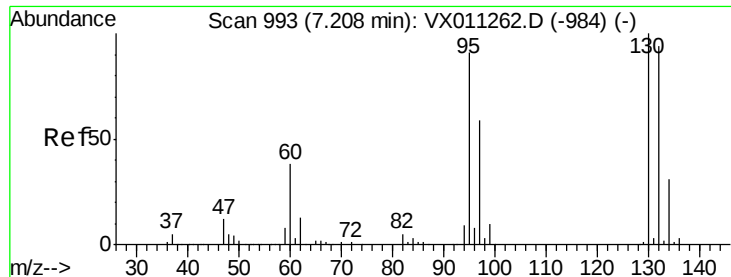
77 35.2 18.2 27.2#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

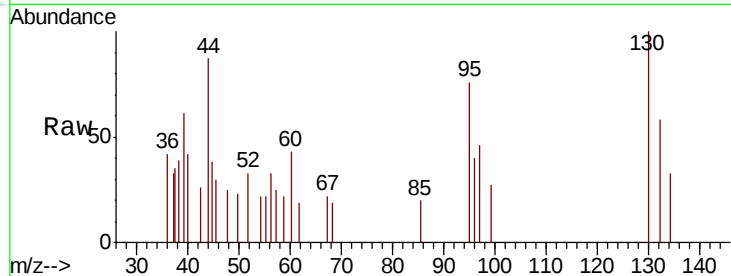




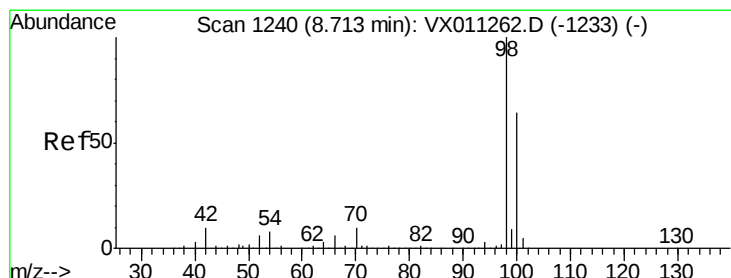
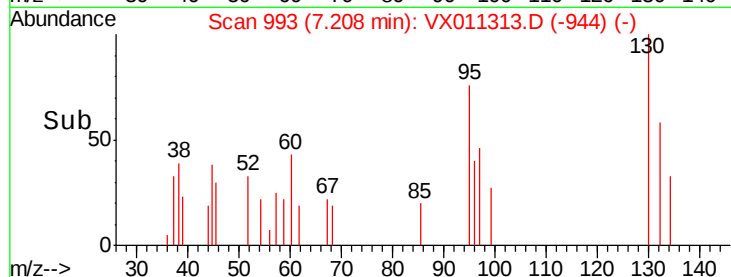
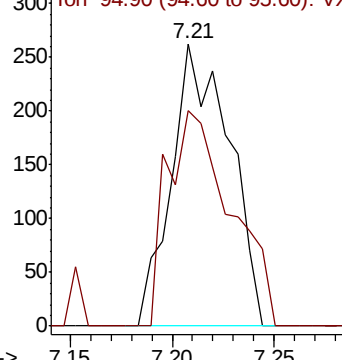
#44
 Trichloroethene
 Concen: 0.296 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011313.D
 Acq: 02 Aug 2019 18:27

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0700

Tot Ion:130 Resp: 517
 Ion Ratio Lower Upper
 130 100
 95 76.0 0.0 182.6

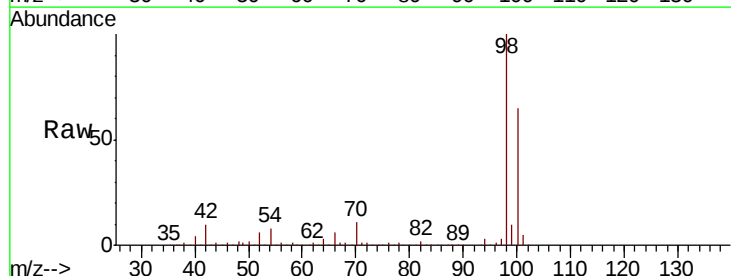


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

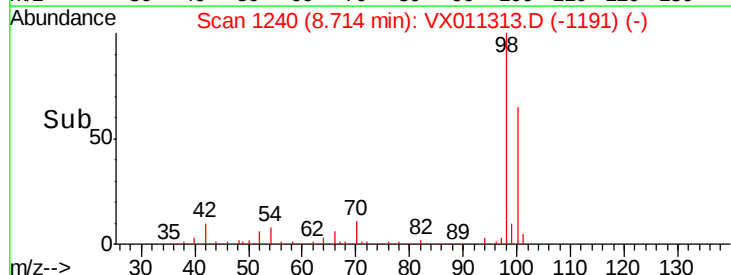
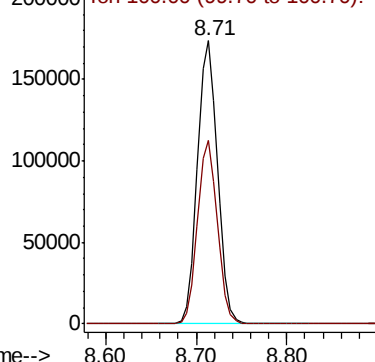


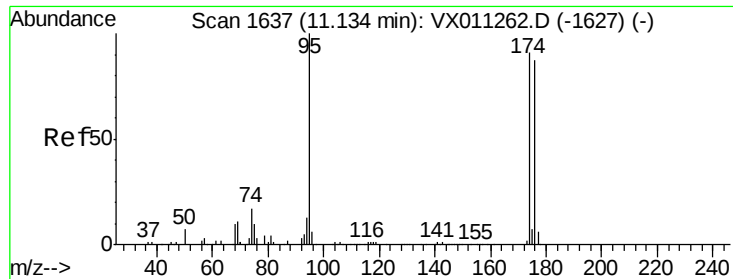
#50
 Toluene-d8
 Concen: 49.094 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011313.D
 Acq: 02 Aug 2019 18:27

Tgt Ion: 98 Resp: 268147
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.942 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011313.D

Acq: 02 Aug 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

Z3-0700

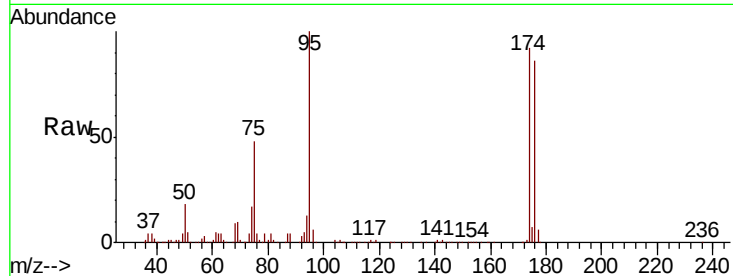
Tot Ion: 95 Resp: 89588

Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.2

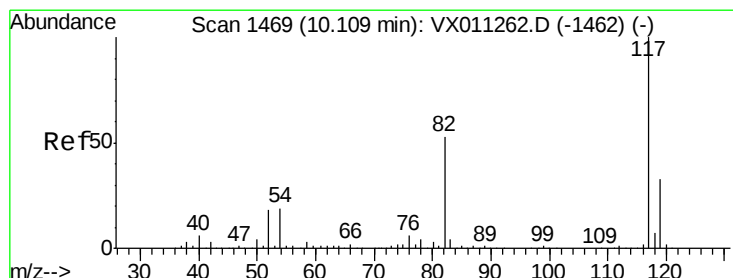
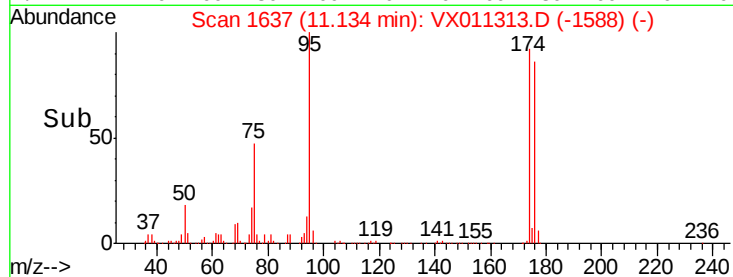
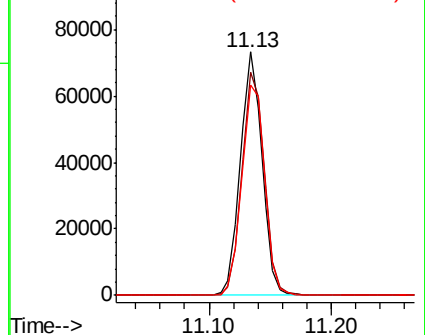
176 91.5 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011313.D

Acq: 02 Aug 2019 18:27

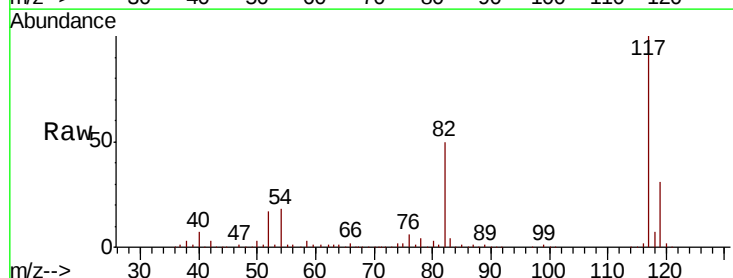
Tgt Ion: 117 Resp: 210732

Ion Ratio Lower Upper

117 100

82 50.4 42.2 63.2

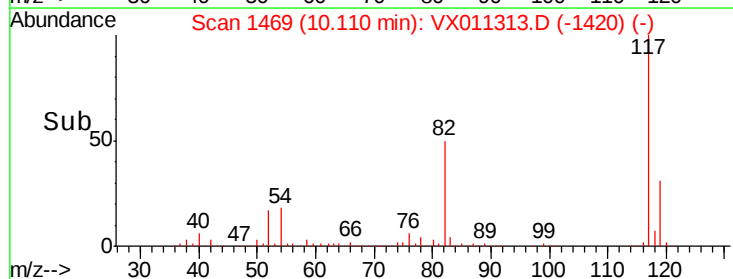
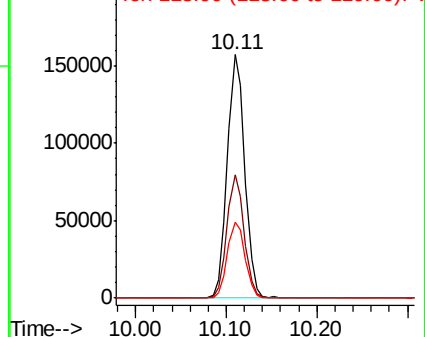
119 31.4 26.6 39.8

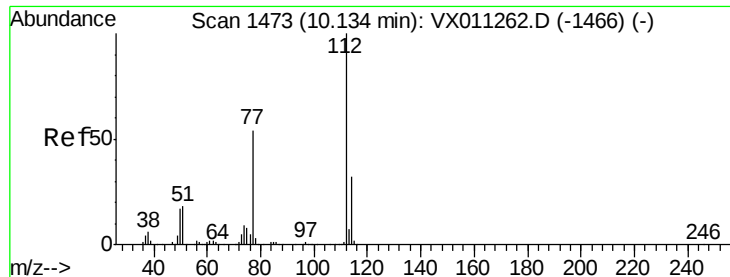


Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)

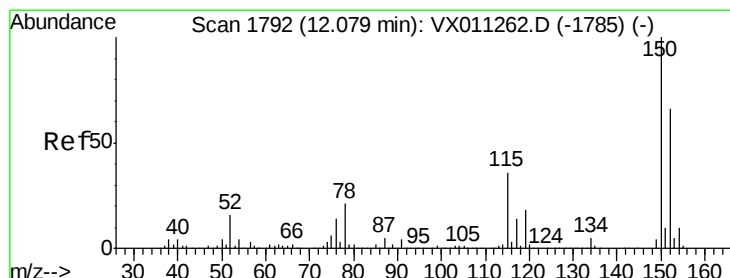
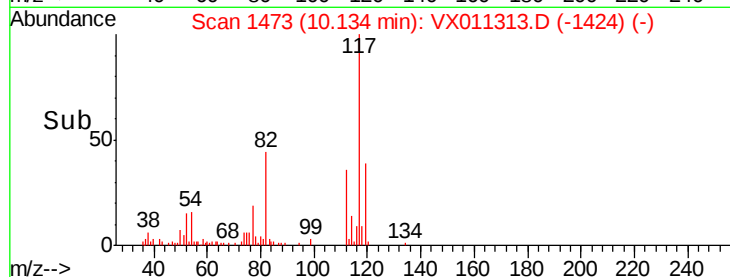
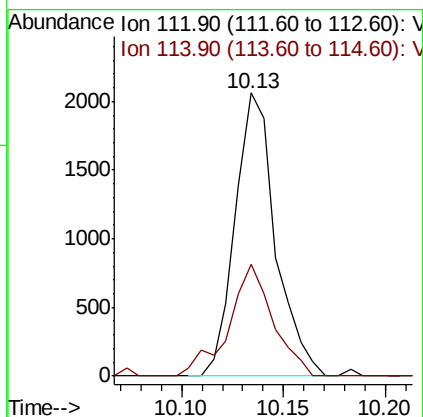
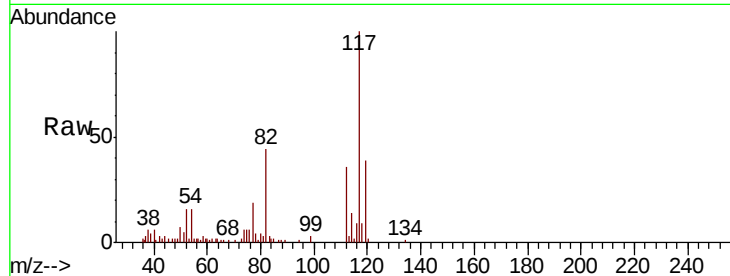




#65
Chlorobenzene
Concen: 0.625 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011313.D
Acq: 02 Aug 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
Z3-0700

Tot Ion:112 Resp: 2824
Ion Ratio Lower Upper
112 100
114 39.3 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011313.D
Acq: 02 Aug 2019 18:27

Tgt Ion:152 Resp: 94076
Ion Ratio Lower Upper
152 100
115 54.5 40.0 119.9
150 156.2 0.0 350.4

