

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011312.D
 Acq On : 02 Aug 2019 18:04
 Operator : JC/SP
 Sample : K4119-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0687

Quant Time: Aug 03 07:03:24 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

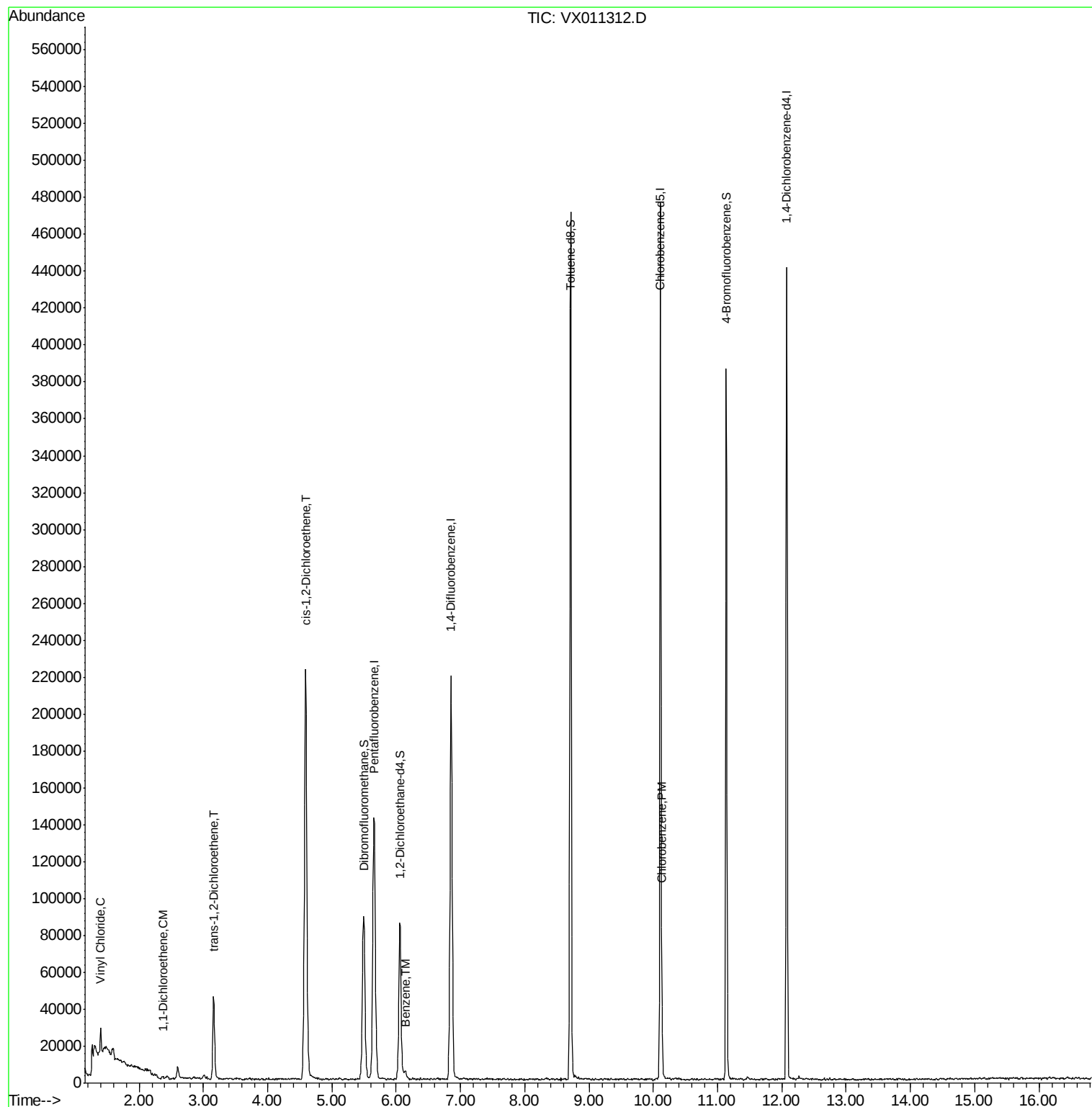
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	76275	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	5.49	113	73191	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	8.71	98	281459	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.13	95	92130	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	8413	6.153	ug/l	91
12) 1,1-Dichloroethene	2.37	96	466	0.357	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	19483	14.124	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	148855	93.689	ug/l	91
40) Benzene	6.15	78	5051	0.838	ug/l	93
65) Chlorobenzene	10.13	112	10452	2.239	ug/l	100

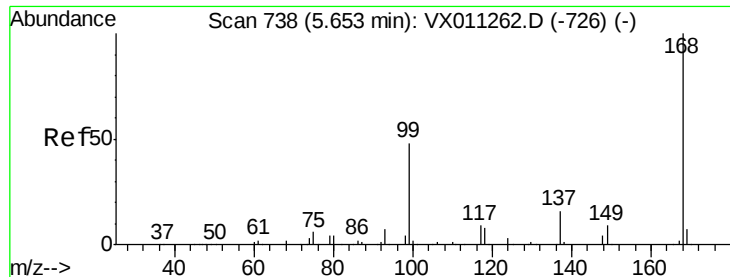
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011312.D

Acq: 02 Aug 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

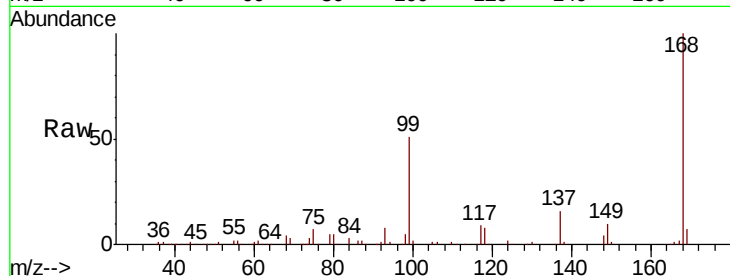
Z3-0687

Tot Ion:168 Resp: 143321

Ion Ratio Lower Upper

168 100

99 50.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

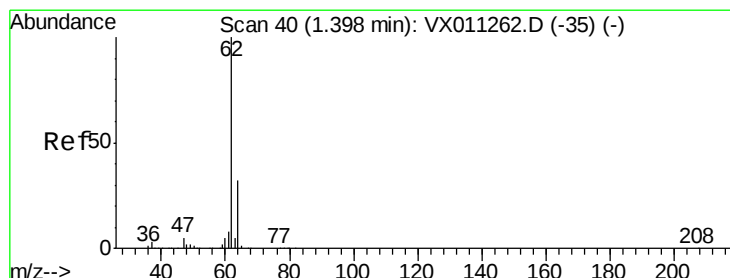
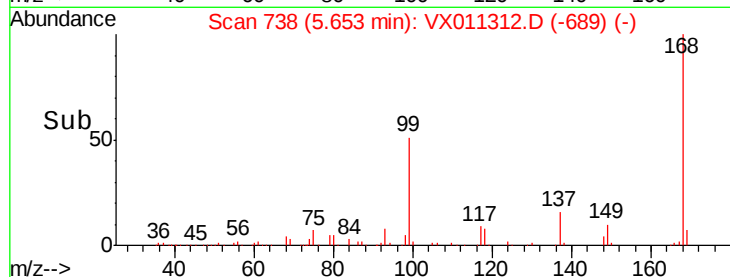
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 6.153 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011312.D

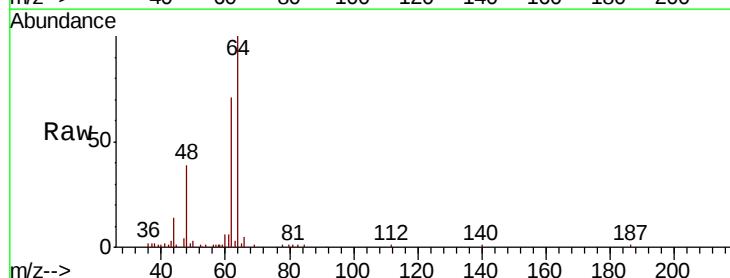
Acq: 02 Aug 2019 18:04

Tgt Ion: 62 Resp: 8413

Ion Ratio Lower Upper

62 100

64 37.5 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

12000

10000

8000

6000

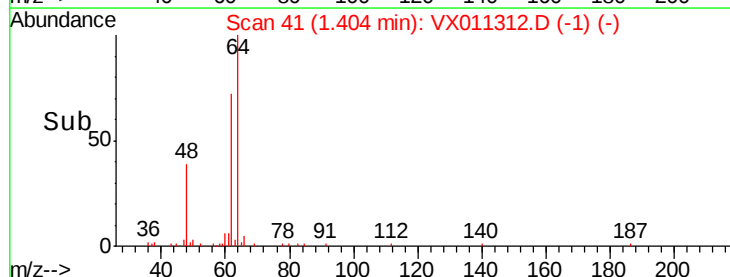
4000

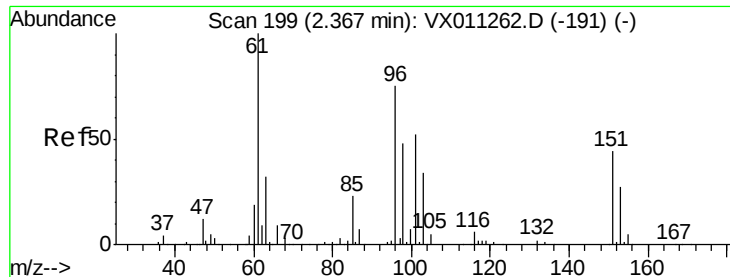
2000

0

Time-->

1.30 1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 0.357 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.00 min

Lab File: VX011312.D

Acq: 02 Aug 2019 18:04

Instrument :

MSVOA_X

ClientSampled :

Z3-0687

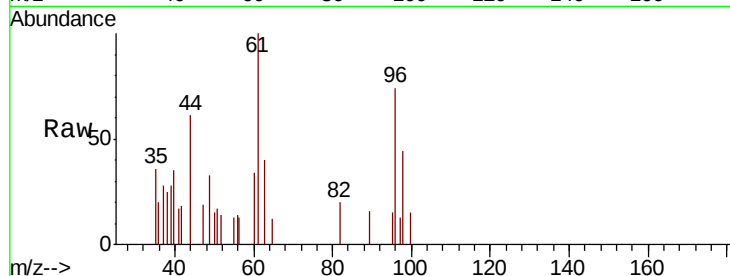
Tot Ion: 96 Resp: 466

Ion Ratio Lower Upper

96 100

61 135.1 106.2 159.2

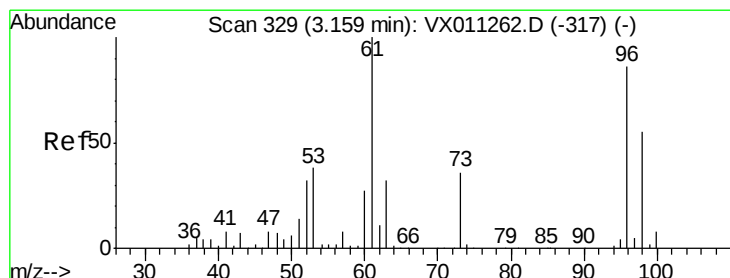
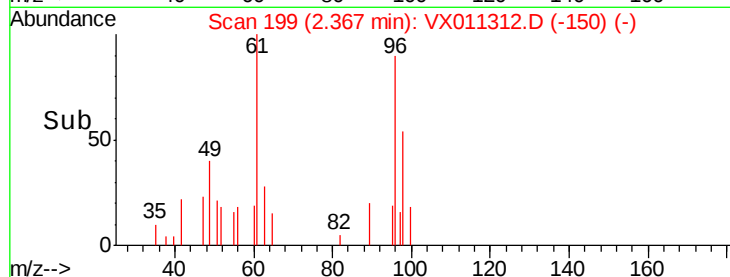
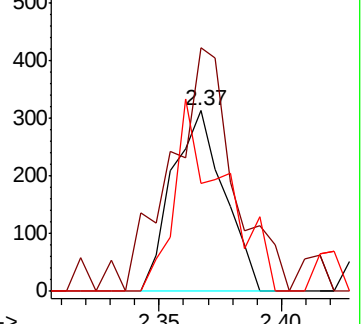
98 59.7 50.6 75.8



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



#21

trans-1,2-Dichloroethene

Concen: 14.124 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011312.D

Acq: 02 Aug 2019 18:04

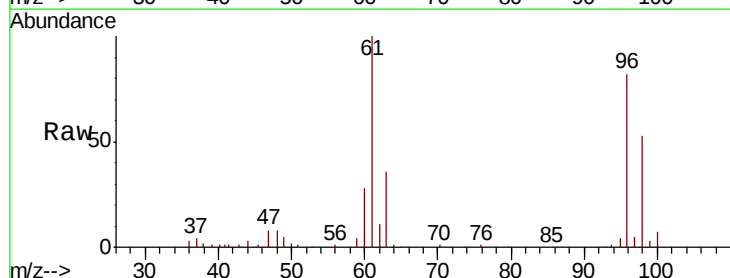
Tgt Ion: 96 Resp: 19483

Ion Ratio Lower Upper

96 100

61 122.3 92.8 139.2

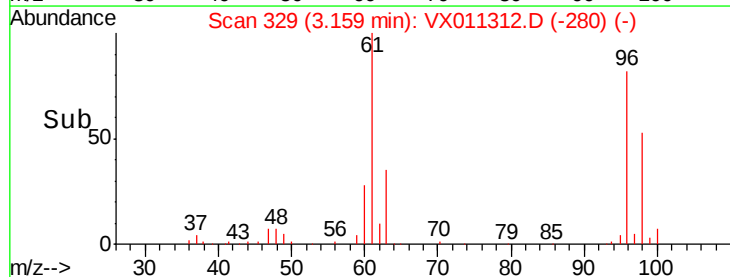
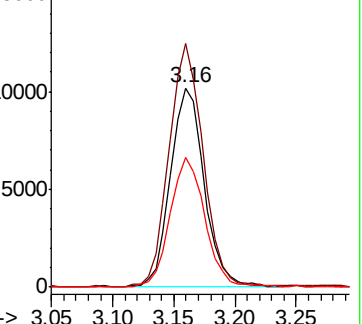
98 65.1 51.2 76.8

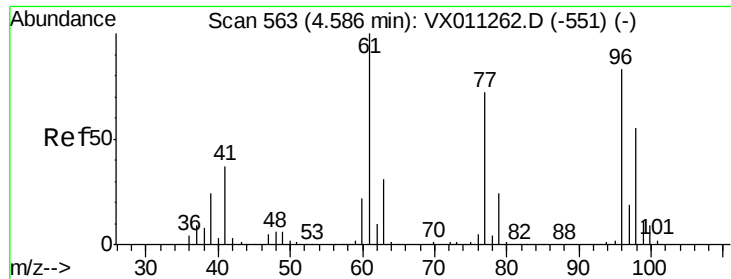


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



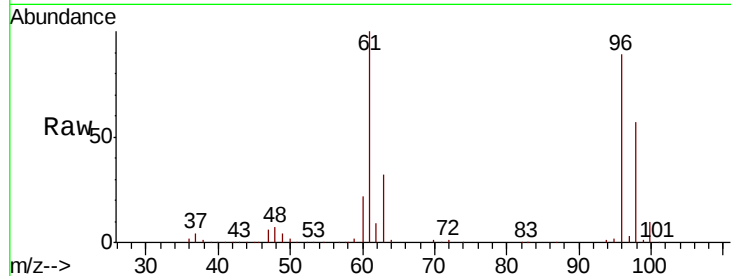


#27

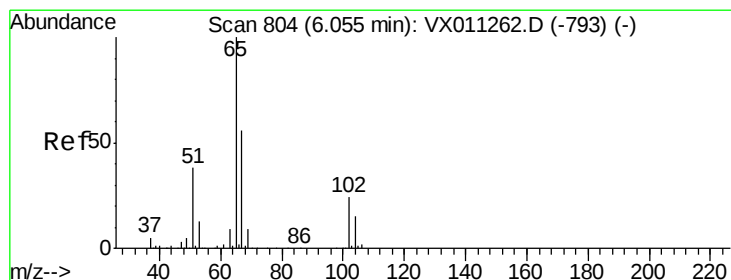
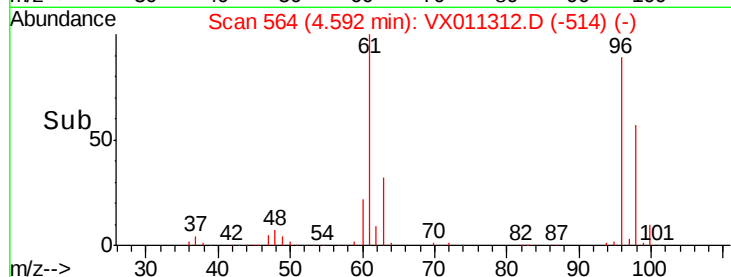
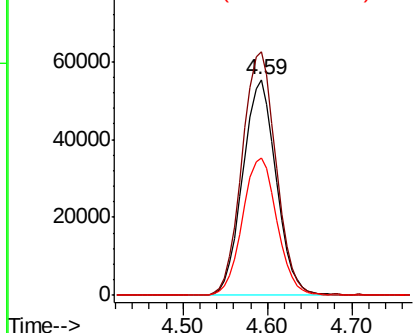
cis-1,2-Dichloroethene
 Concen: 93.689 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011312.D
 Acq: 02 Aug 2019 18:04

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0687

Tot Ion: 96 Resp: 148855
 Ion Ratio Lower Upper
 96 100
 61 115.0 0.0 260.2
 98 65.8 0.0 133.2



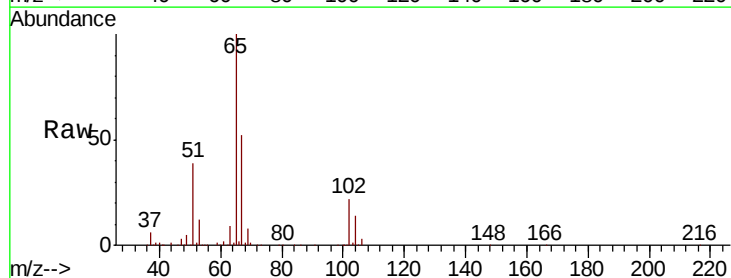
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



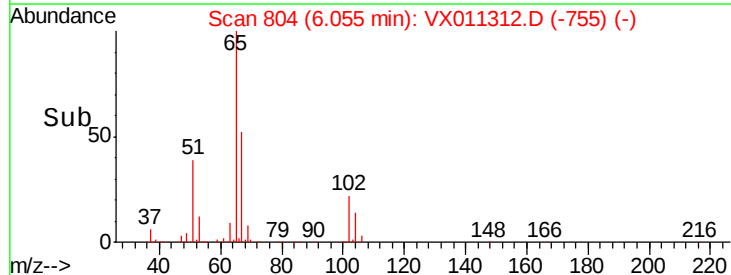
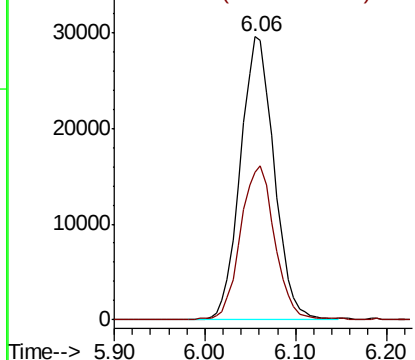
#33

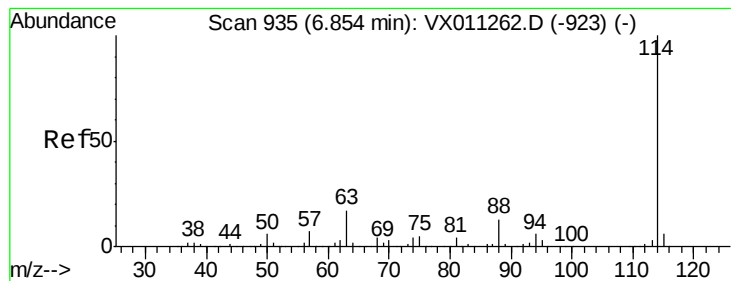
1,2-Dichloroethane-d4
 Concen: 52.847 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011312.D
 Acq: 02 Aug 2019 18:04

Tgt Ion: 65 Resp: 76275
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011312.D

Acq: 02 Aug 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

Z3-0687

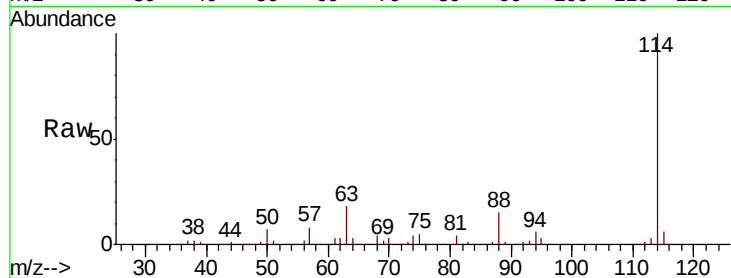
Tot Ion:114 Resp: 231264

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

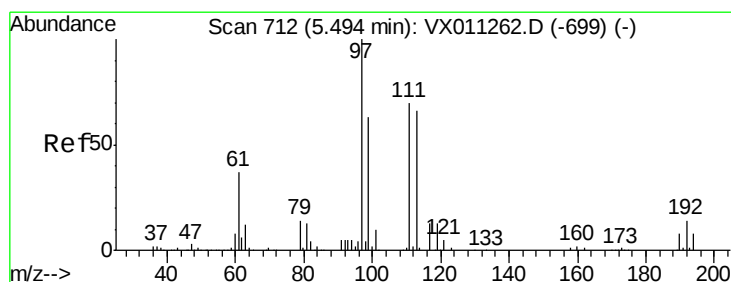
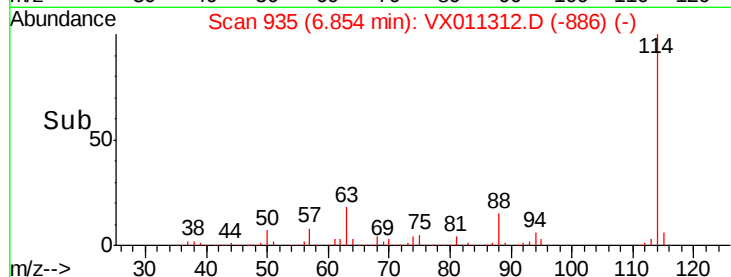
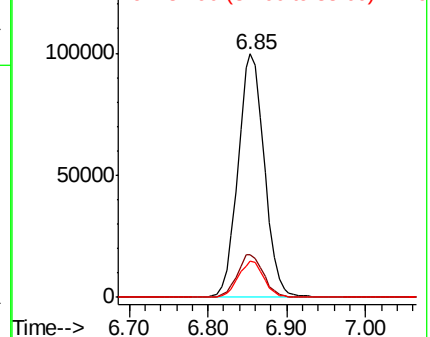
88 14.8 0.0 26.4



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



#35

Dibromofluoromethane

Concen: 48.475 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011312.D

Acq: 02 Aug 2019 18:04

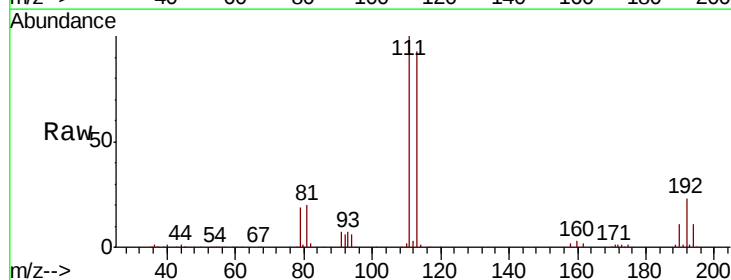
Tgt Ion:113 Resp: 73191

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

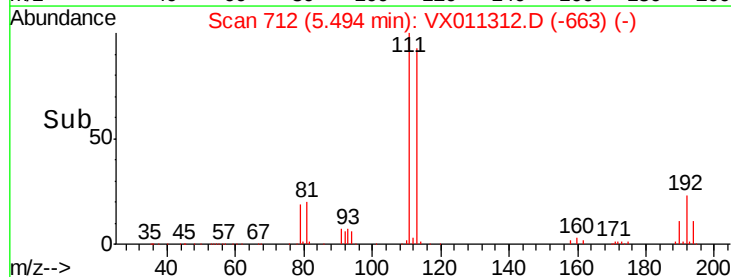
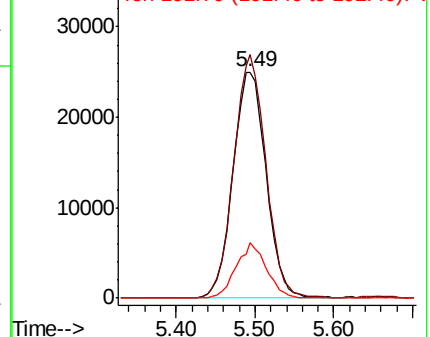
192 22.2 17.8 26.8

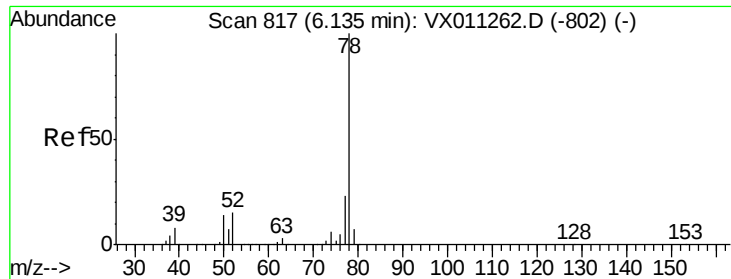


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.838 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011312.D

Acq: 02 Aug 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

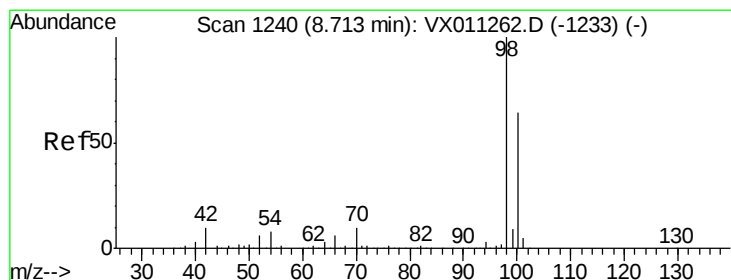
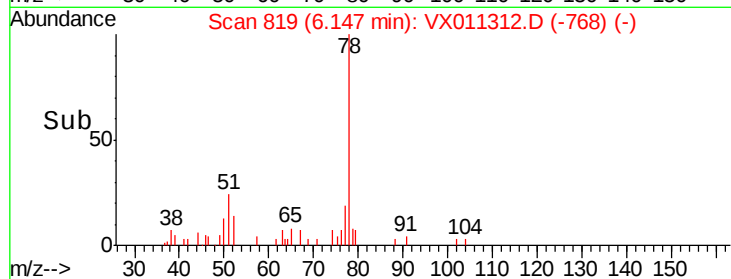
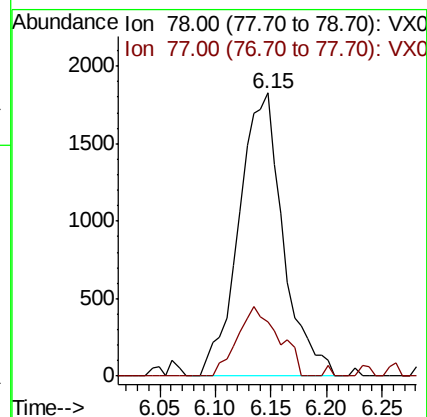
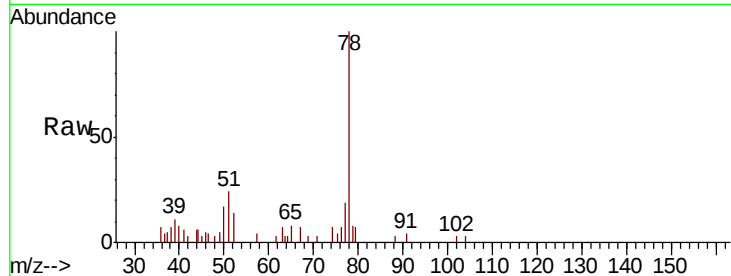
Z3-0687

Tot Ion: 78 Resp: 5051

Ion Ratio Lower Upper

78 100

77 19.3 18.2 27.2



#50

Toluene-d8

Concen: 49.385 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011312.D

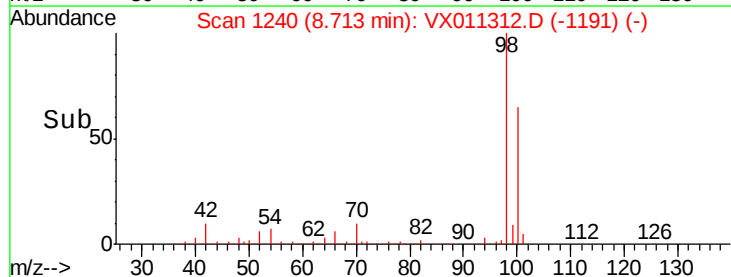
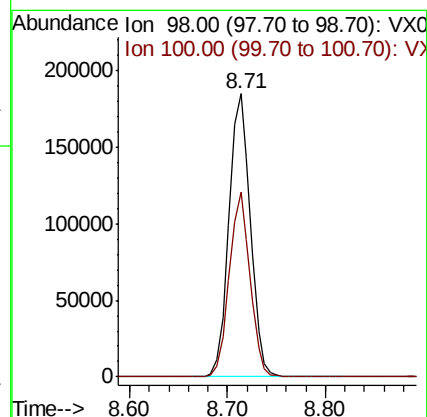
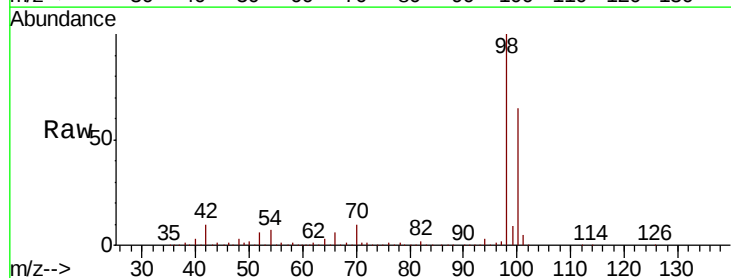
Acq: 02 Aug 2019 18:04

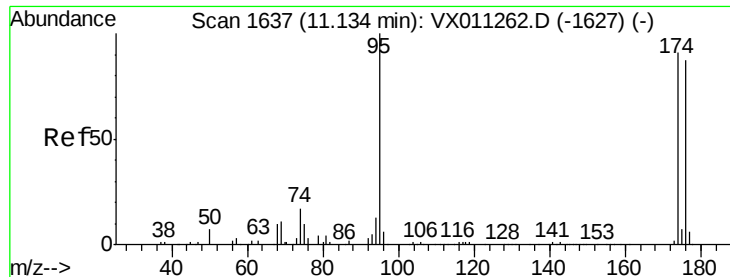
Tgt Ion: 98 Resp: 281459

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5

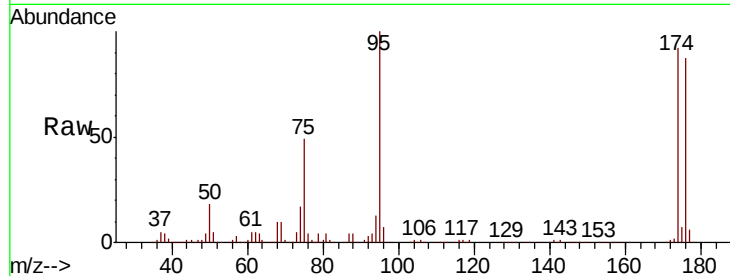




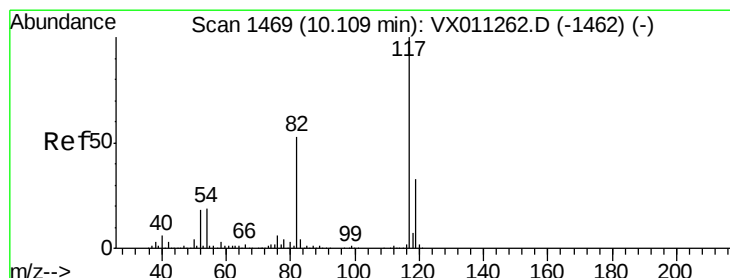
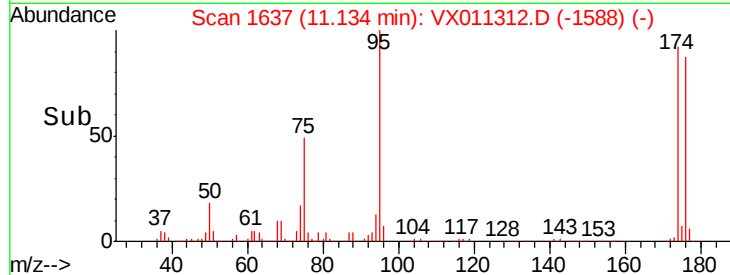
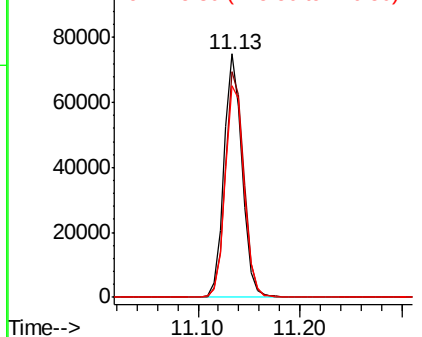
#62
 4-Bromofluorobenzene
 Concen: 45.277 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011312.D
 Acq: 02 Aug 2019 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0687

Tot Ion	95	Resp	92130
Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	191.2
176	90.8	0.0	184.8

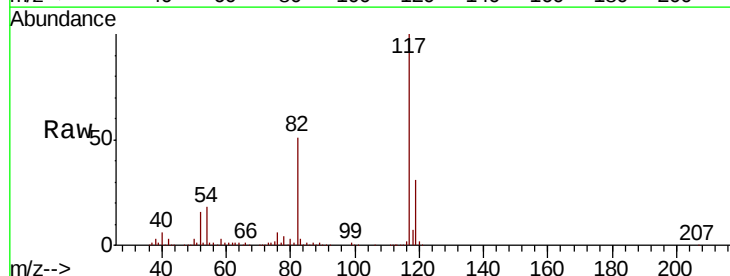


Abundance Ion 94.90 (94.60 to 95.60): VX011312.D (-1588) (-)

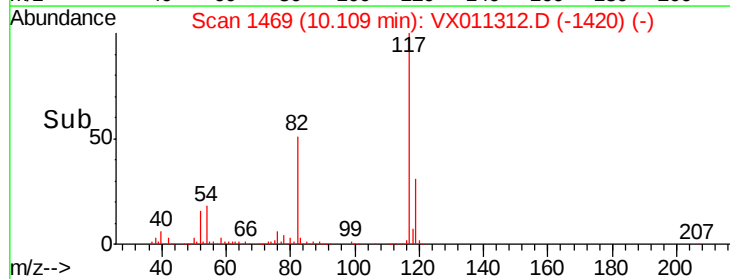
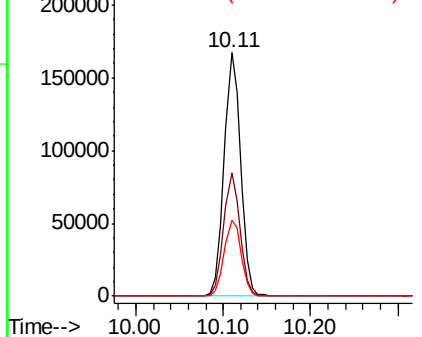


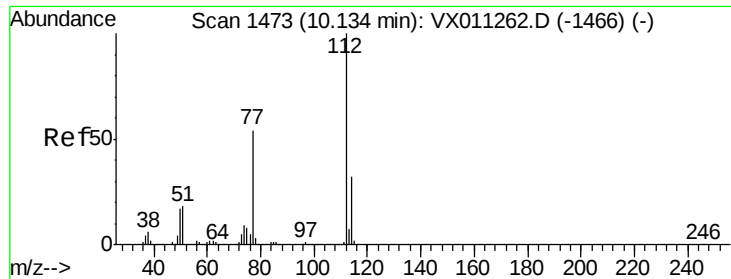
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX011312.D
 Acq: 02 Aug 2019 18:04

Tgt Ion	117	Resp	217700
Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.2	63.2
119	31.2	26.6	39.8



Abundance Ion 116.90 (116.60 to 117.60): VX011312.D (-1420) (-)

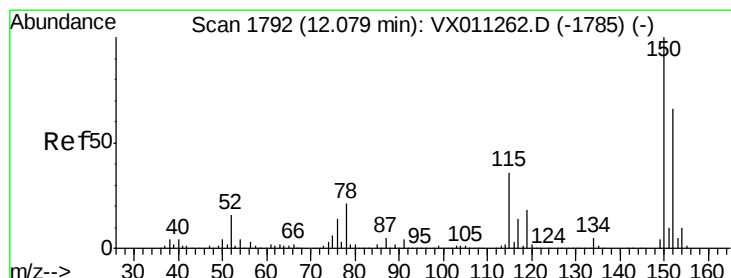
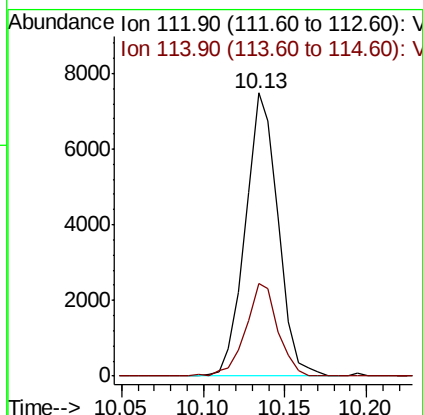
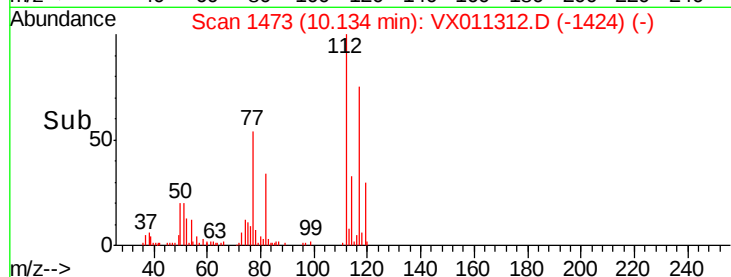
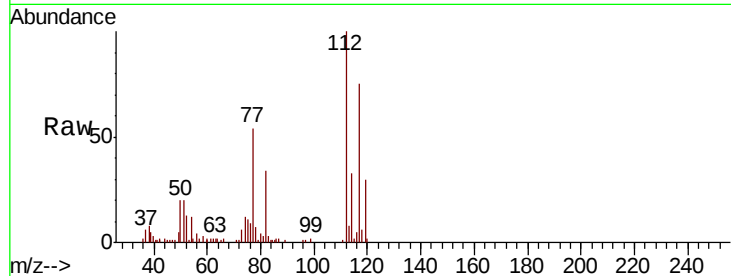




#65
Chlorobenzene
Concen: 2.239 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011312.D
Acq: 02 Aug 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
Z3-0687

Tot Ion:112 Resp: 10452
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011312.D
Acq: 02 Aug 2019 18:04

Tgt Ion:152 Resp: 96553
Ion Ratio Lower Upper
152 100
115 53.7 40.0 119.9
150 156.2 0.0 350.4

