

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009915.D
 Acq On : 28 May 2019 15:23
 Operator : JC/SP
 Sample : K3032-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657DL

Quant Time: May 29 04:39:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

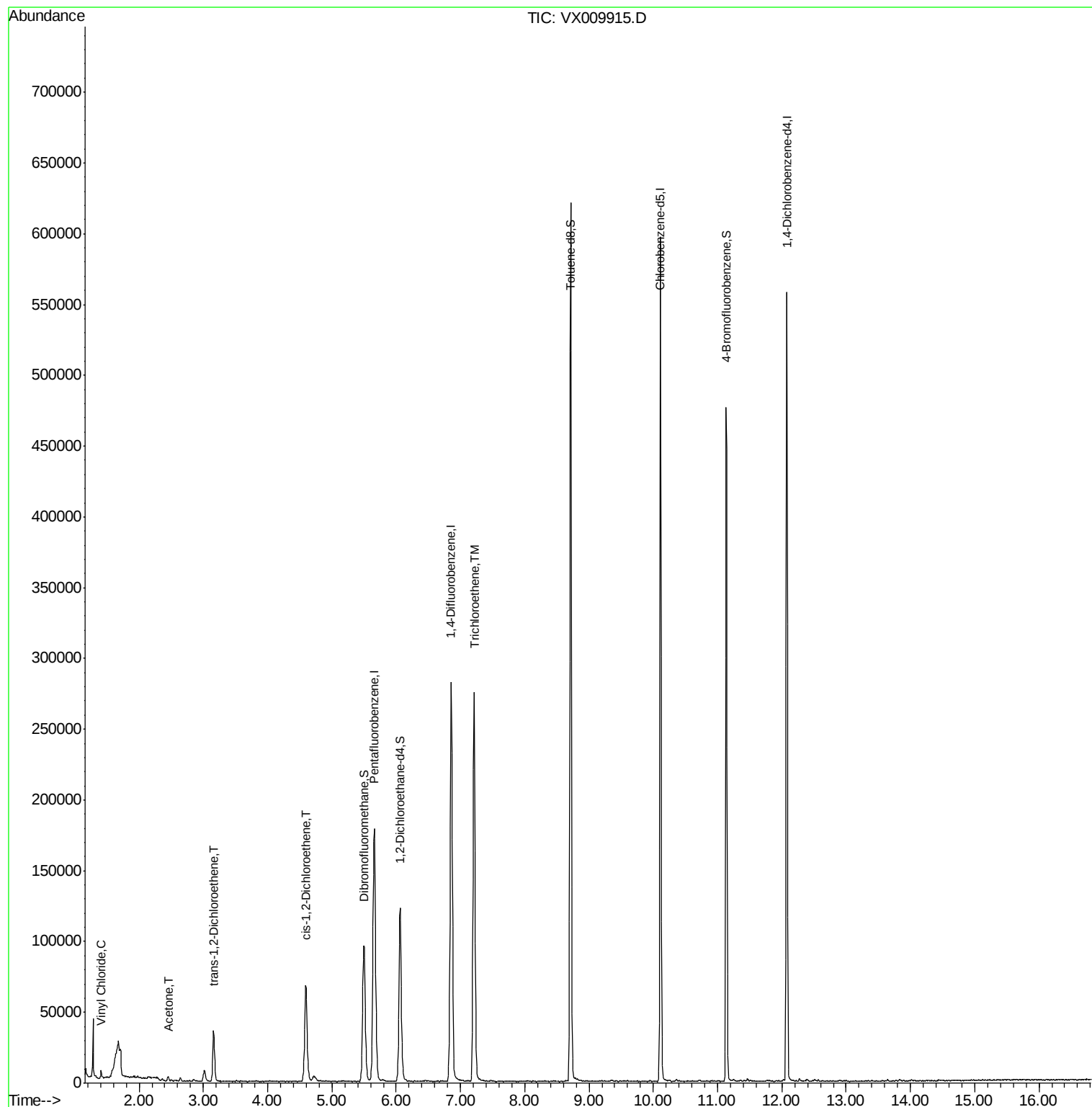
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	173315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116130	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	5.50	113	83329	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	8.71	98	357725	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	125311	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
Target Compounds						
4) Vinyl Chloride	1.41	62	3120	1.216	ug/l	96
16) Acetone	2.45	43	3751	2.652	ug/l #	81
21) trans-1,2-Dichloroethene	3.16	96	13823	7.078	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	41641	18.471	ug/l	90
44) Trichloroethene	7.21	130	105794	52.490	ug/l	97

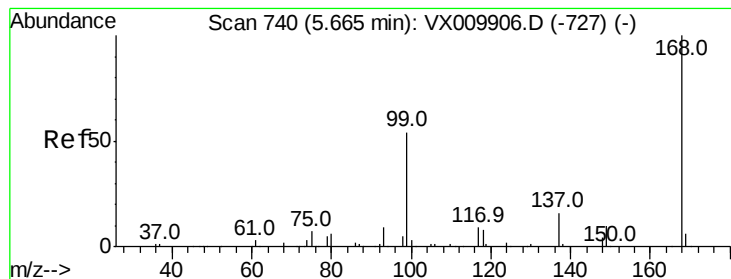
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 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: VX009915.D

Acq: 28 May 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

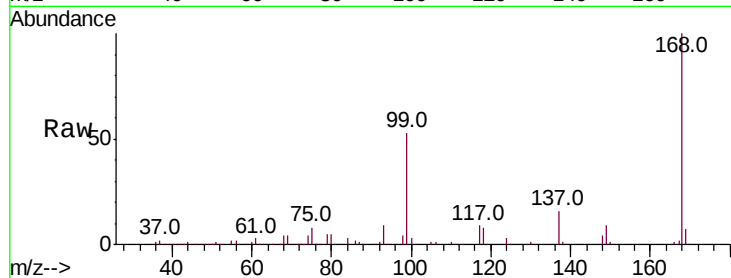
S32-0657DL

Tot Ion:168 Resp: 173315

Ion Ratio Lower Upper

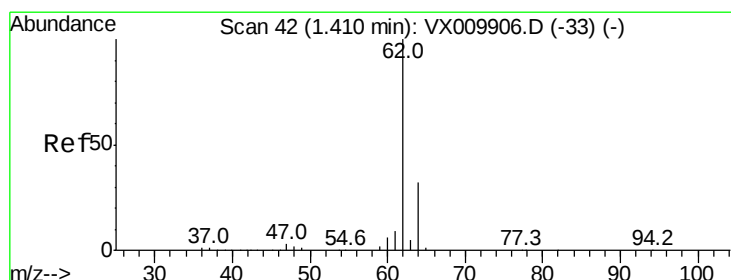
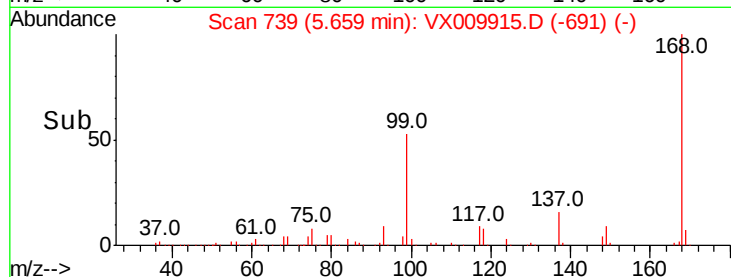
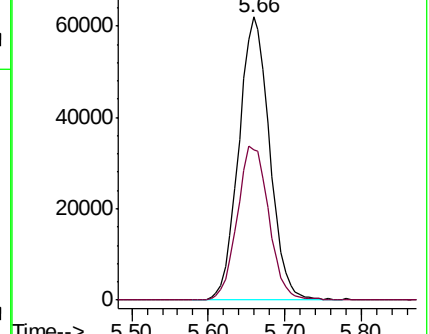
168 100

99 53.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.216 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009915.D

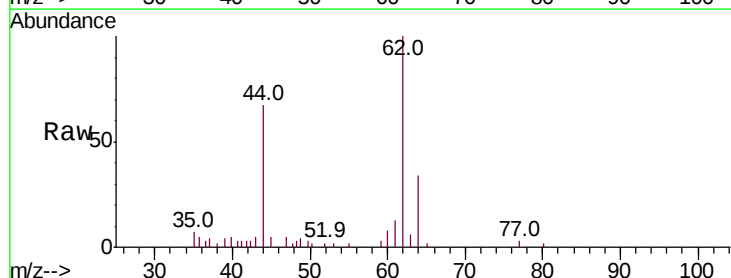
Acq: 28 May 2019 15:23

Tgt Ion: 62 Resp: 3120

Ion Ratio Lower Upper

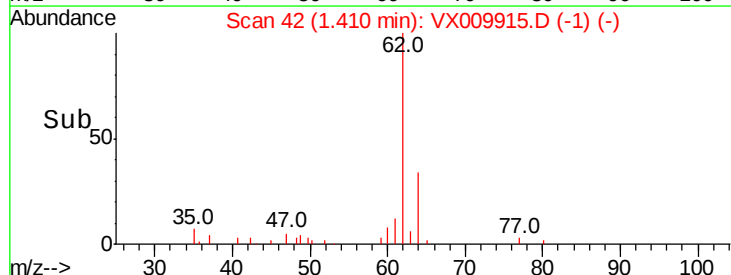
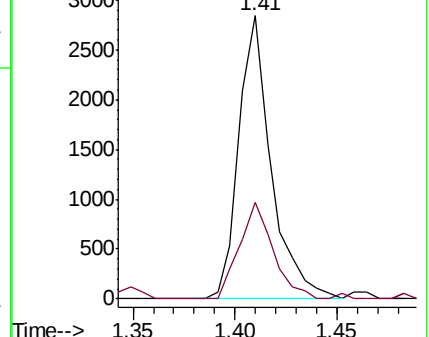
62 100

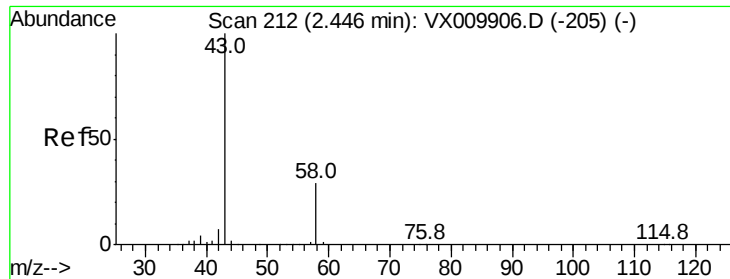
64 34.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.652 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009915.D

Acq: 28 May 2019 15:23

Instrument :

MSVOA_X

ClientSampled :

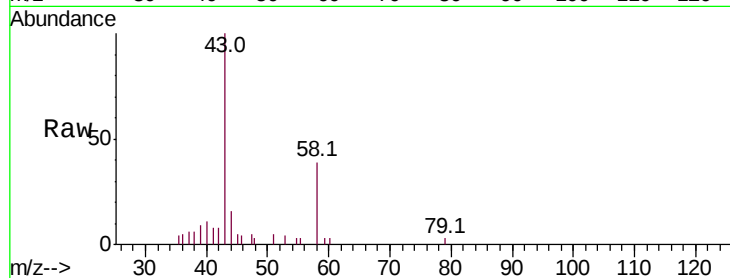
S32-0657DL

Tot Ion: 43 Resp: 3751

Ion Ratio Lower Upper

43 100

58 39.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

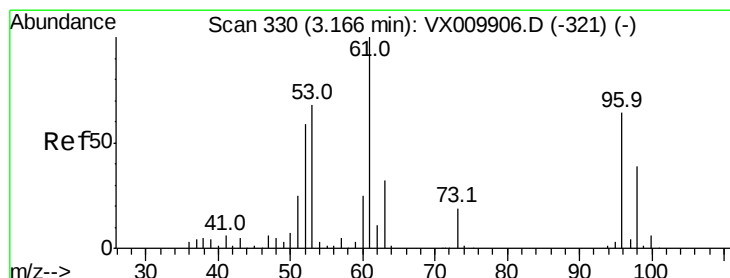
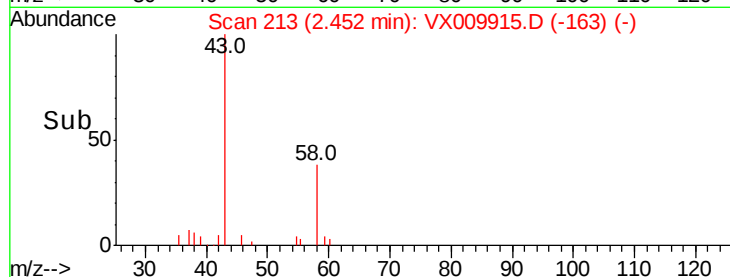
1500

1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55



#21

trans-1,2-Dichloroethene

Concen: 7.078 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009915.D

Acq: 28 May 2019 15:23

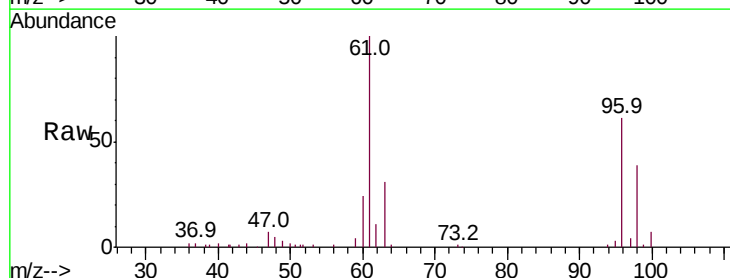
Tgt Ion: 96 Resp: 13823

Ion Ratio Lower Upper

96 100

61 163.9 125.7 188.5

98 63.9 49.0 73.6



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

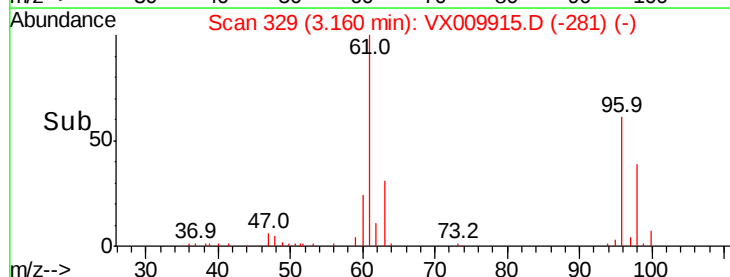
15000

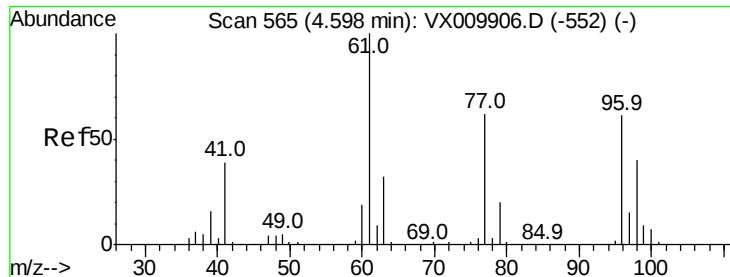
10000

5000

0

Time--> 3.10 3.15 3.20 3.25



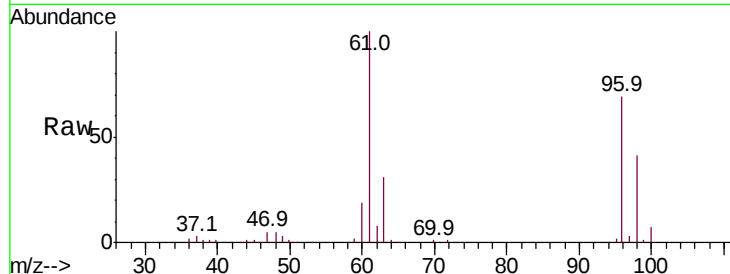


#27

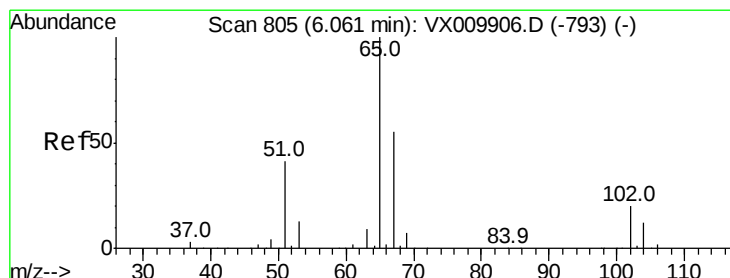
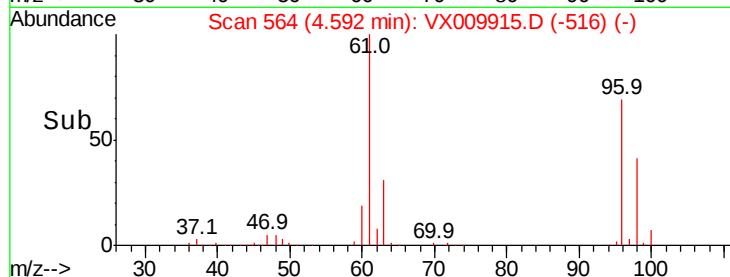
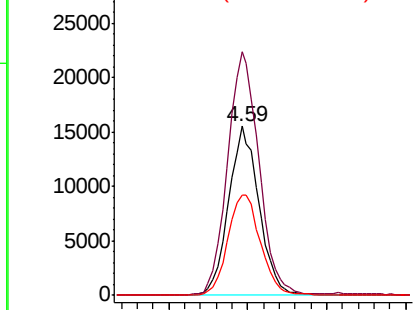
cis-1,2-Dichloroethene
 Concen: 18.471 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX009915.D
 Acq: 28 May 2019 15:23

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0657DL

Tot Ion: 96 Resp: 41641
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 334.0
 98 63.9 0.0 131.6



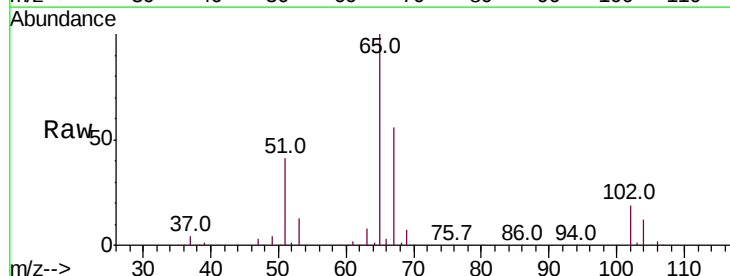
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



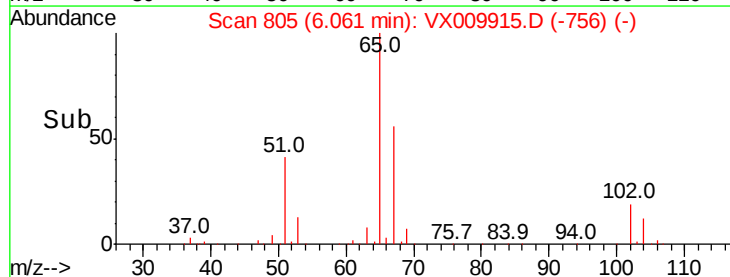
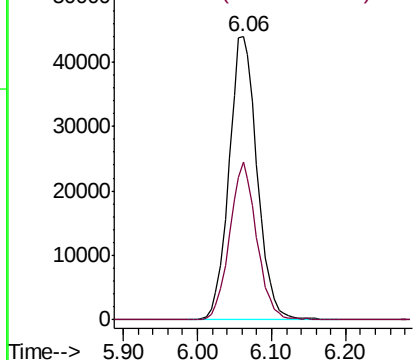
#33

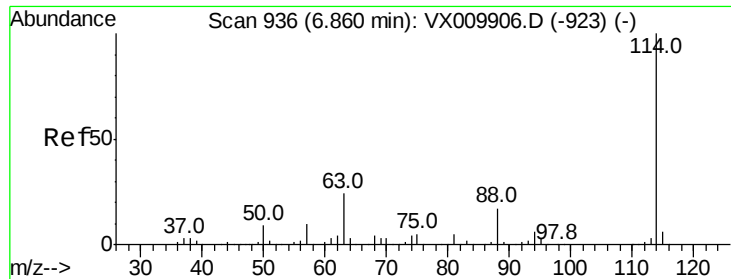
1,2-Dichloroethane-d4
 Concen: 47.434 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009915.D
 Acq: 28 May 2019 15:23

Tgt Ion: 65 Resp: 116130
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



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

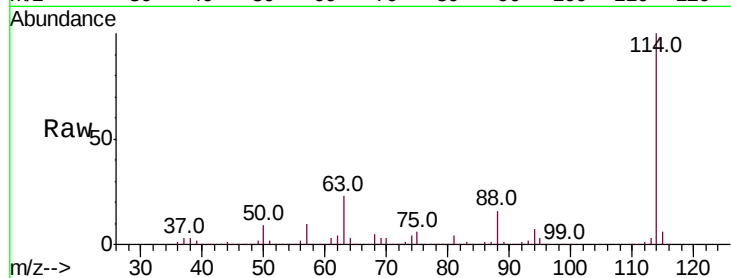




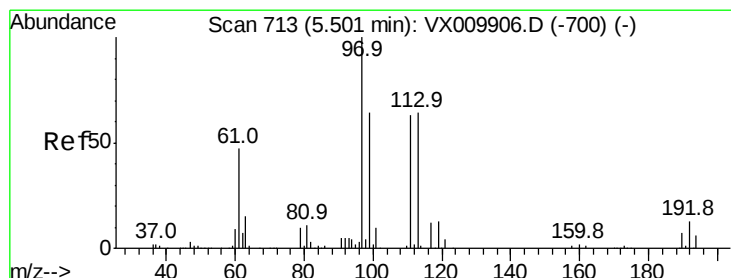
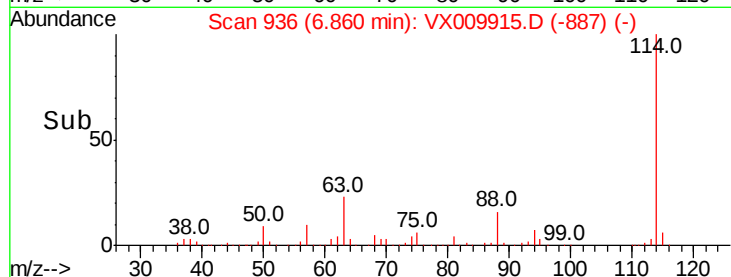
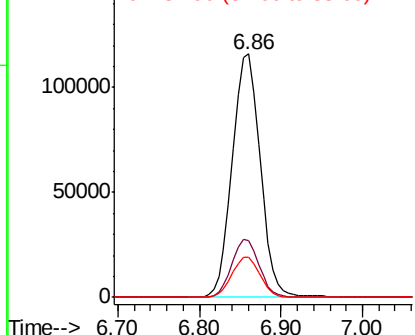
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009915.D
 Acq: 28 May 2019 15:23

Instrument :
 MSVOA_X
 ClientSampleID :
 S32-0657DL

Tot Ion:114 Resp: 275687
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.4
 88 16.4 0.0 33.0

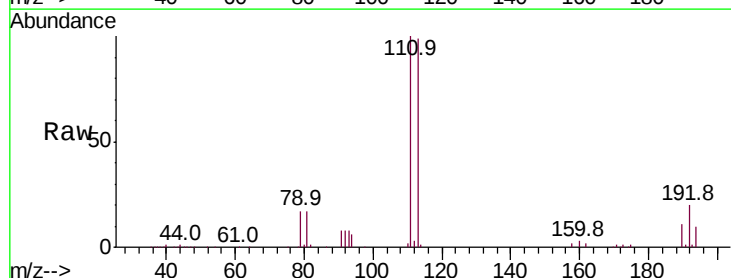


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

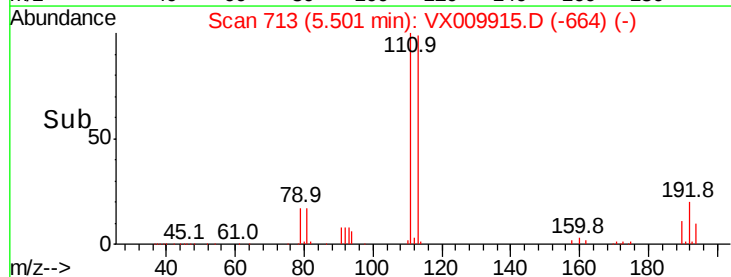
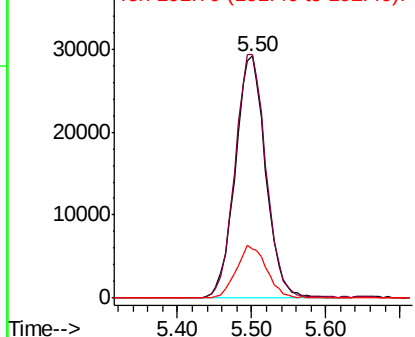


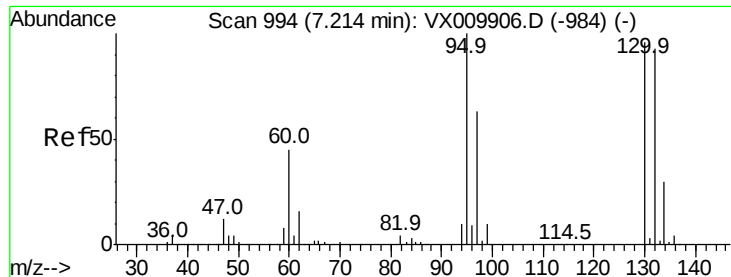
#35
 Dibromofluoromethane
 Concen: 48.077 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009915.D
 Acq: 28 May 2019 15:23

Tgt Ion:113 Resp: 83329
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 21.7 17.1 25.7



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: 52.490 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009915.D

Acq: 28 May 2019 15:23

Instrument :

MSVOA_X

ClientSampled :

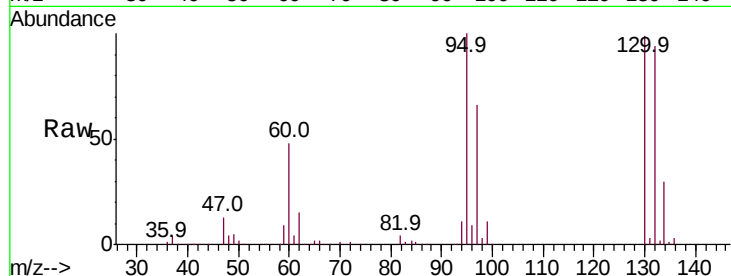
S32-0657DL

Tot Ion:130 Resp: 105794

Ion Ratio Lower Upper

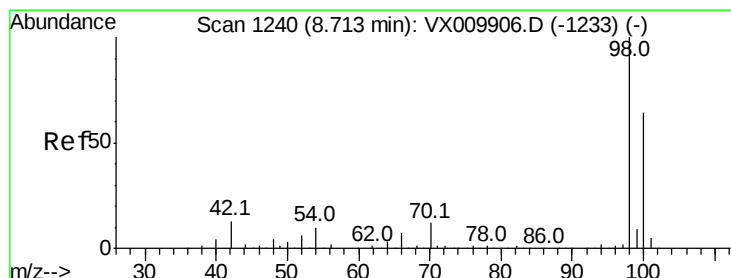
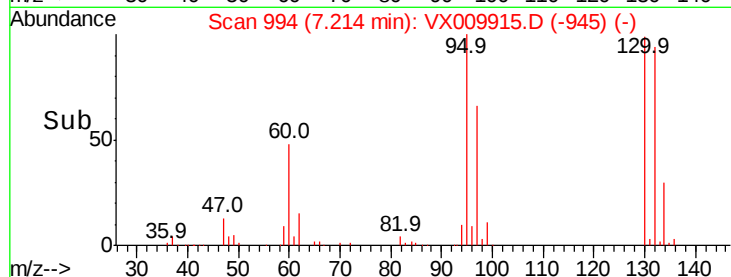
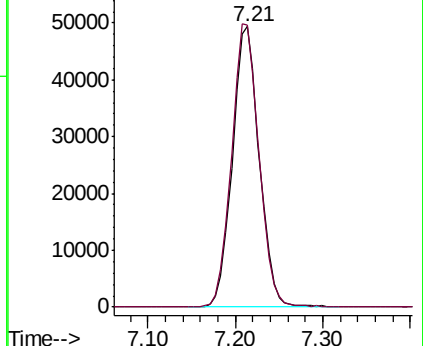
130 100

95 100.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.825 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009915.D

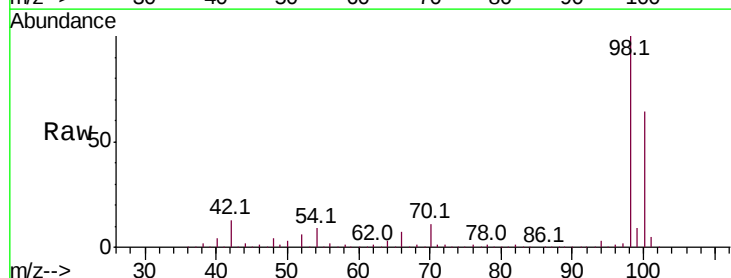
Acq: 28 May 2019 15:23

Tgt Ion: 98 Resp: 357725

Ion Ratio Lower Upper

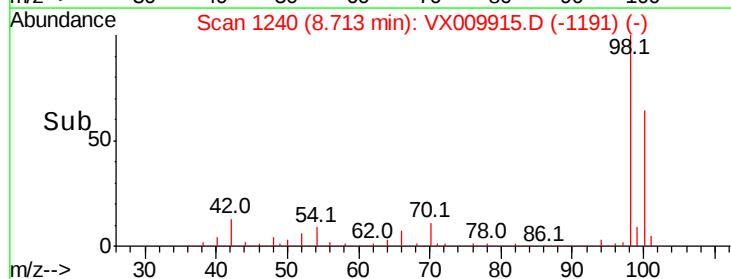
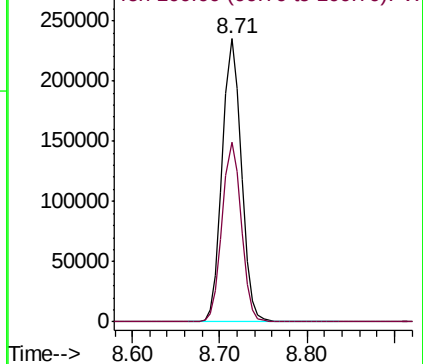
98 100

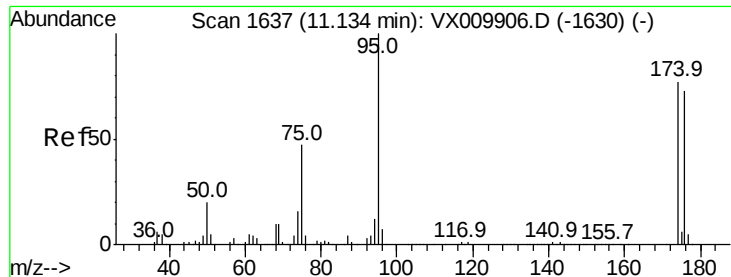
100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.568 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009915.D

Acq: 28 May 2019 15:23

Instrument :

MSVOA_X

ClientSampled :

S32-0657DL

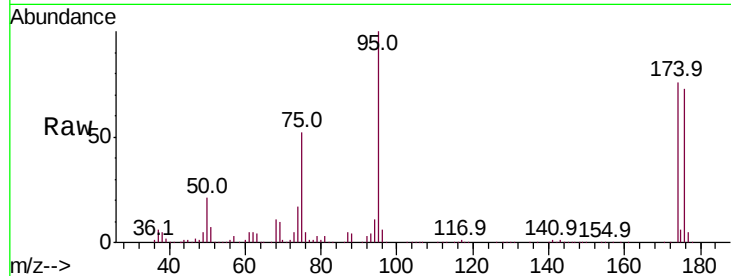
Tot Ion: 95 Resp: 125311

Ion Ratio Lower Upper

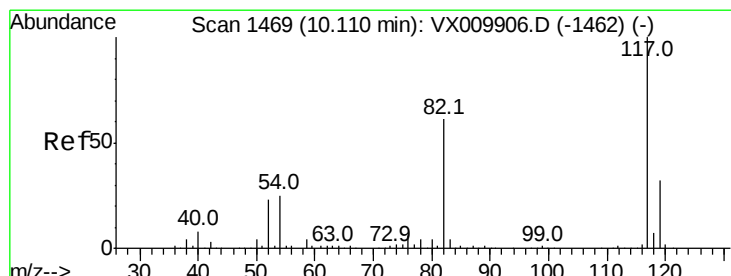
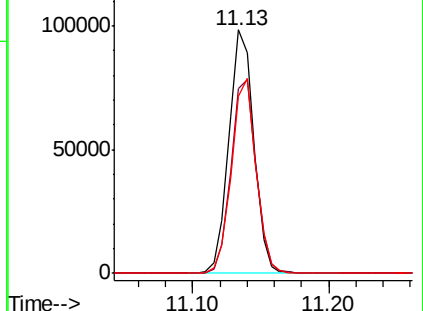
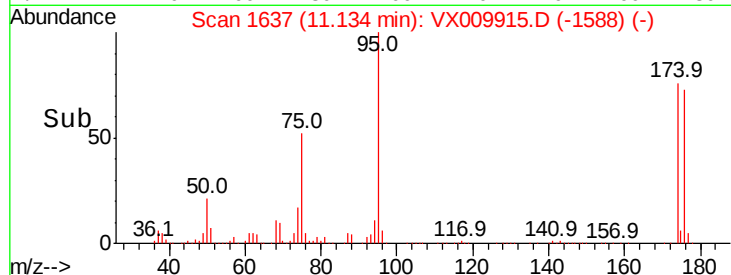
95 100

174 80.5 0.0 160.4

176 78.8 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX009915.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009915.D

Acq: 28 May 2019 15:23

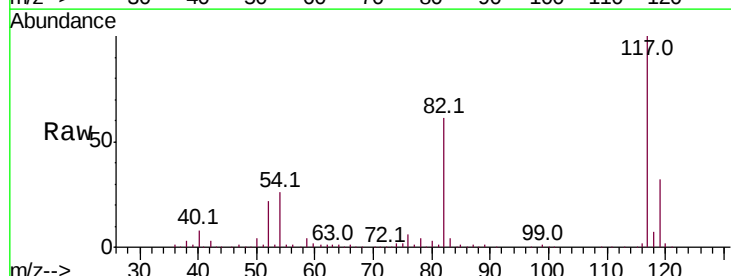
Tgt Ion: 117 Resp: 253405

Ion Ratio Lower Upper

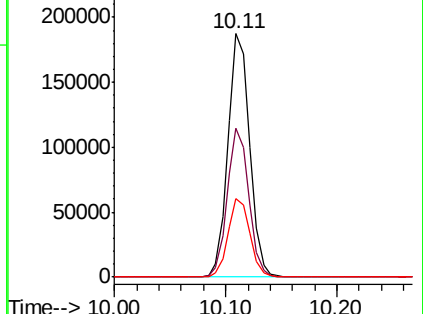
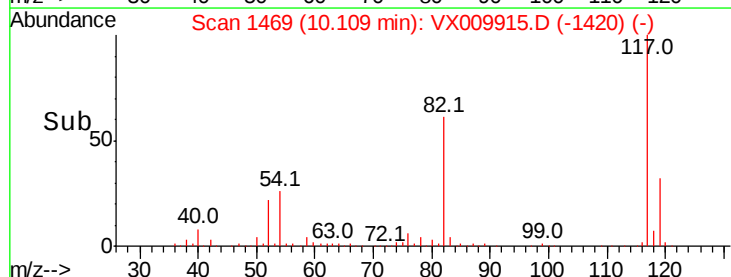
117 100

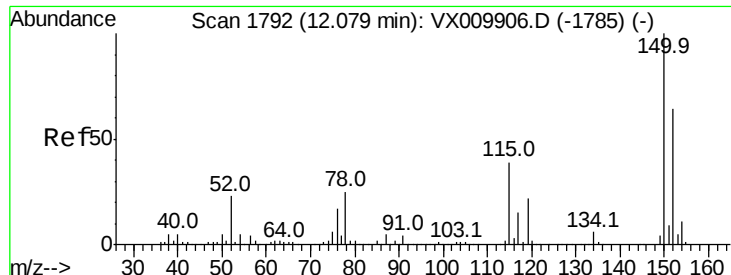
82 61.1 49.2 73.8

119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX009915.D (-1420) (-)

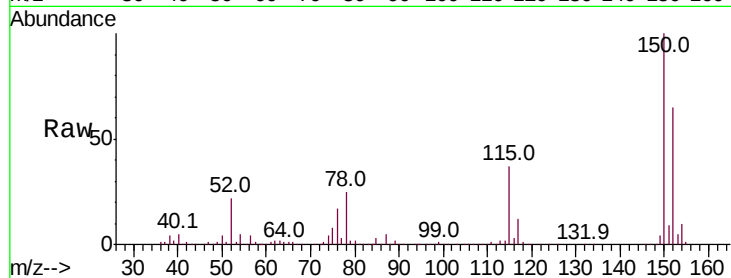




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009915.D
 Acq: 28 May 2019 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.4	124.2
150	159.2	0.0	345.2



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

