

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009921.D
 Acq On : 28 May 2019 17:43
 Operator : JC/SP
 Sample : K3032-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0654

Quant Time: May 29 05:01:13 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

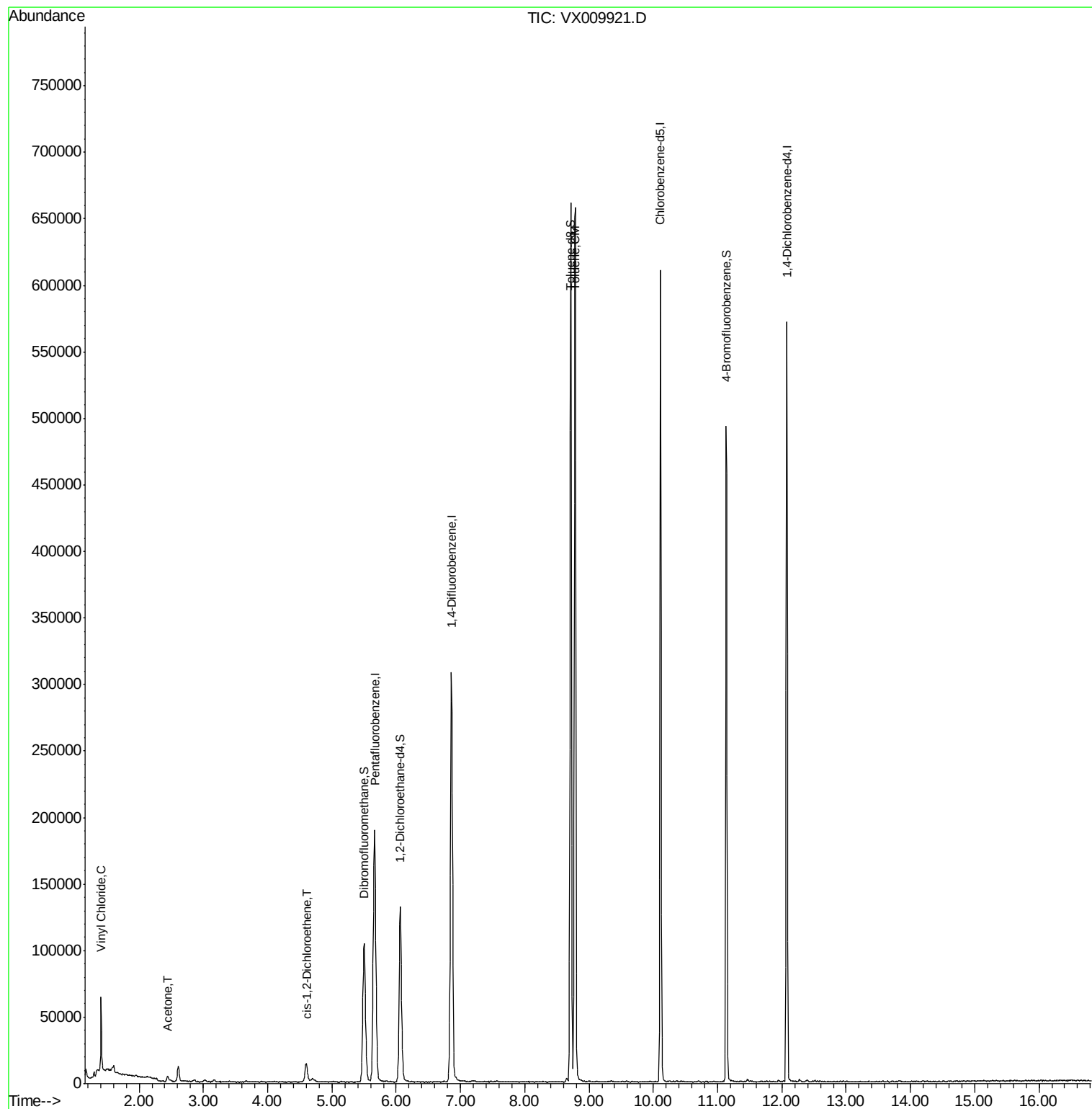
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123902	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.50	113	90840	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	375635	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	126871	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
4) Vinyl Chloride	1.41	62	35118	12.972	ug/l	97
16) Acetone	2.45	43	4747	3.182	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	8771	3.689	ug/l	89
52) Toluene	8.79	92	242567	44.925	ug/l	99

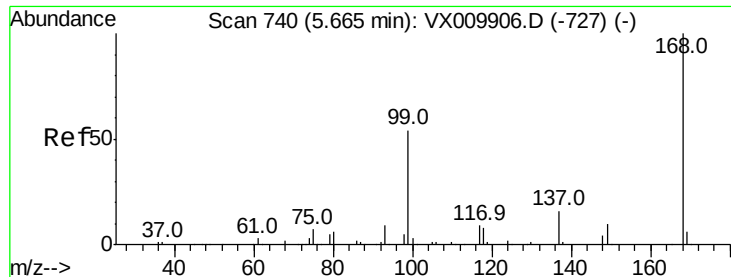
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009921.D
Acq On : 28 May 2019 17:43
Operator : JC/SP
Sample : K3032-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
S32-0654

Quant Time: May 29 05:01:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009921.D

Acq: 28 May 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

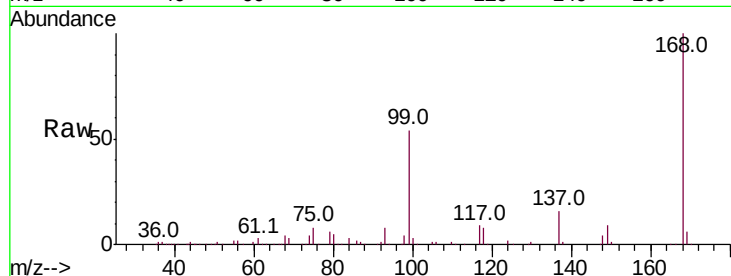
S32-0654

Tot Ion:168 Resp: 182800

Ion Ratio Lower Upper

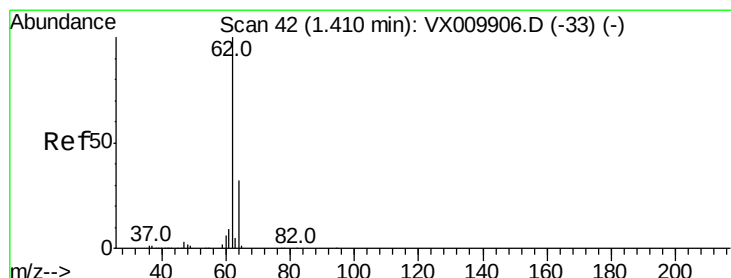
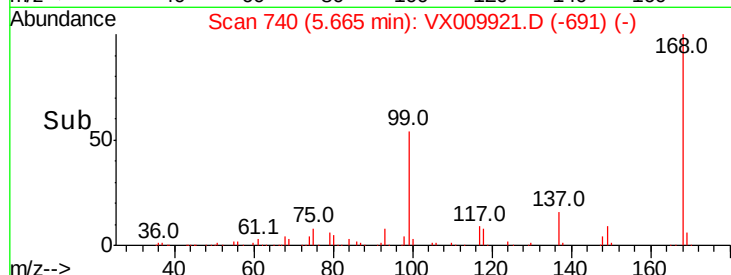
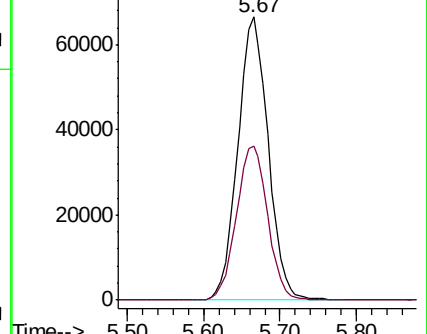
168 100

99 54.4 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: 12.972 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009921.D

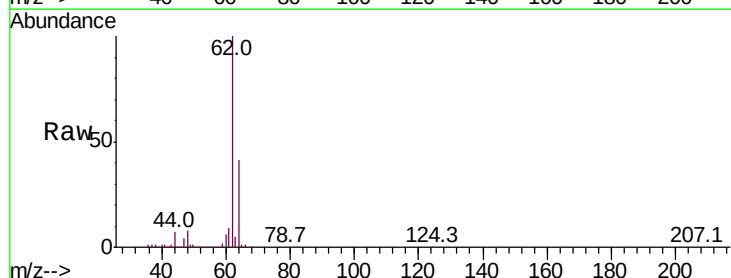
Acq: 28 May 2019 17:43

Tgt Ion: 62 Resp: 35118

Ion Ratio Lower Upper

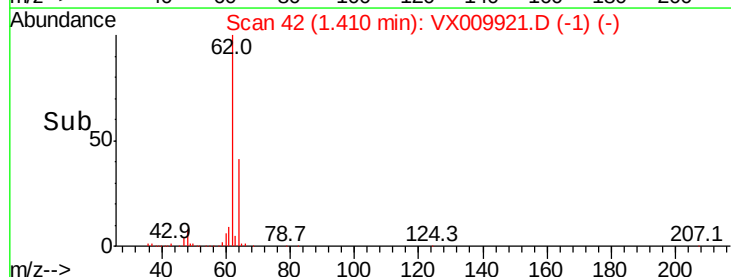
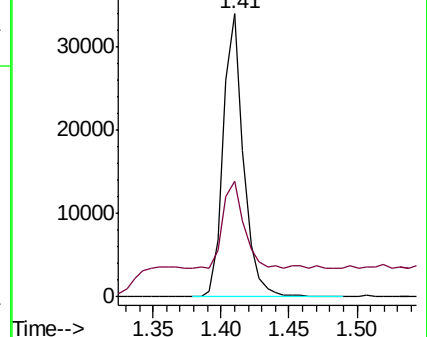
62 100

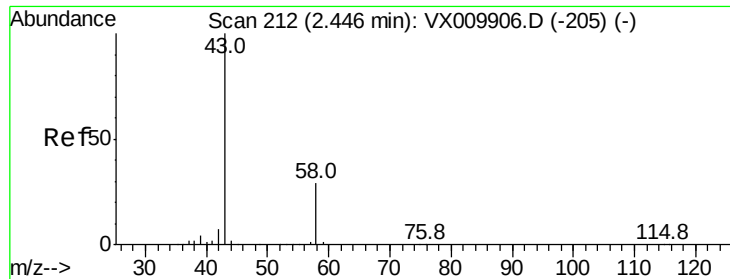
64 30.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.182 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009921.D

Acq: 28 May 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

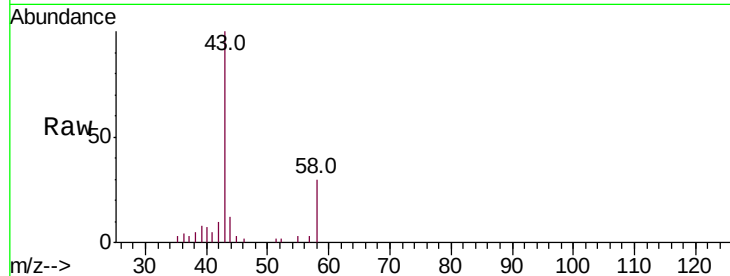
S32-0654

Tot Ion: 43 Resp: 4747

Ion Ratio Lower Upper

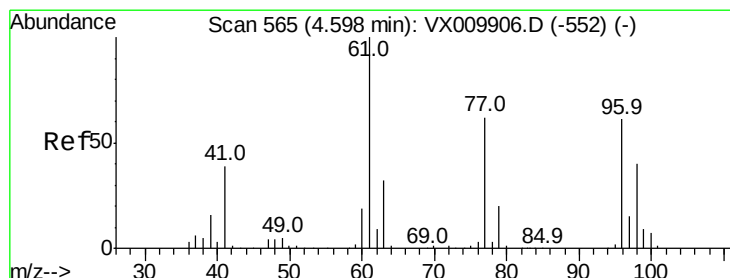
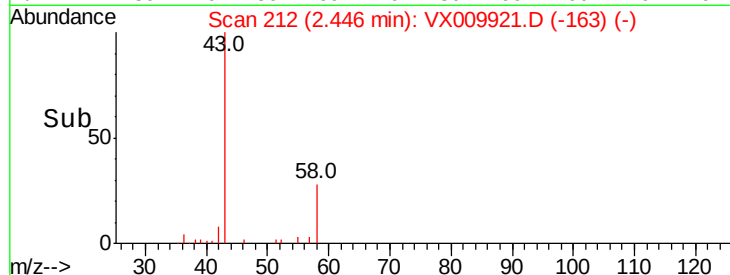
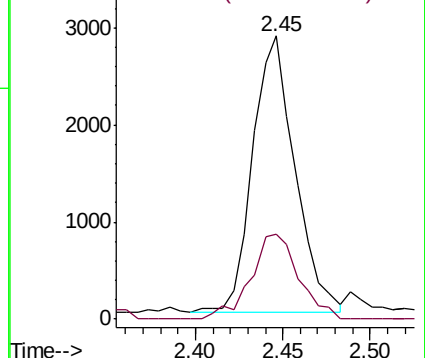
43 100

58 30.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.689 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009921.D

Acq: 28 May 2019 17:43

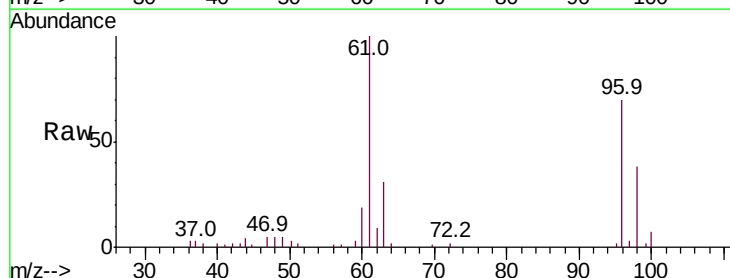
Tgt Ion: 96 Resp: 8771

Ion Ratio Lower Upper

96 100

61 146.2 0.0 334.0

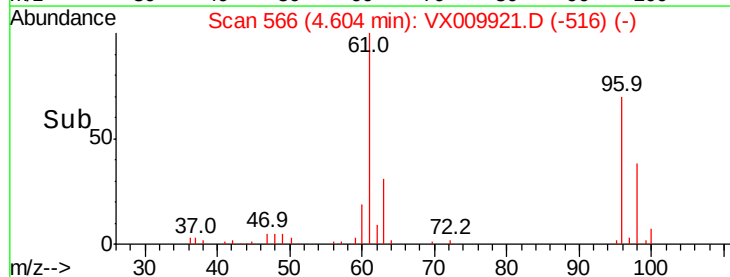
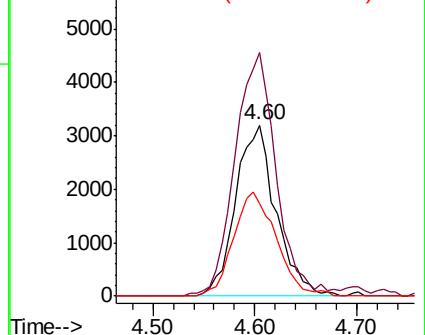
98 64.5 0.0 131.6

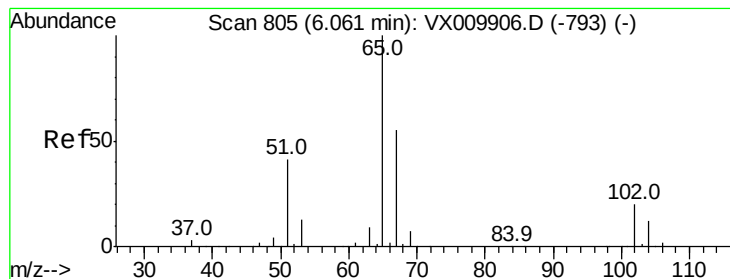


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.983 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009921.D

Acq: 28 May 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

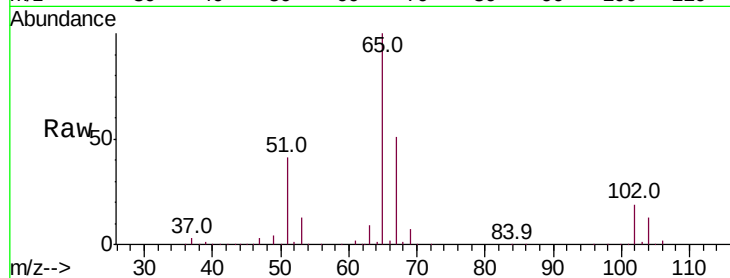
S32-0654

Tot Ion: 65 Resp: 123902

Ion Ratio Lower Upper

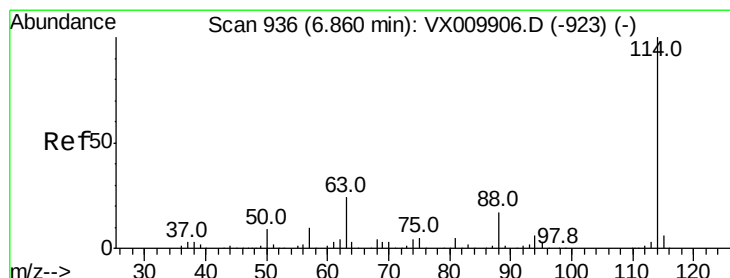
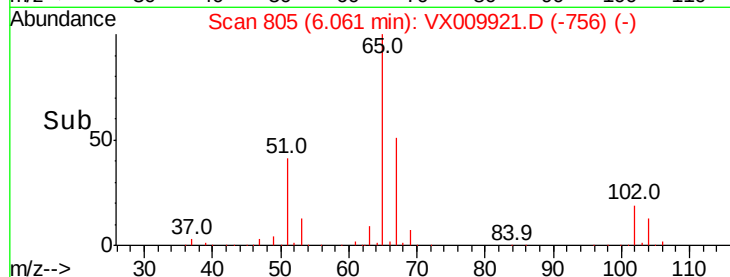
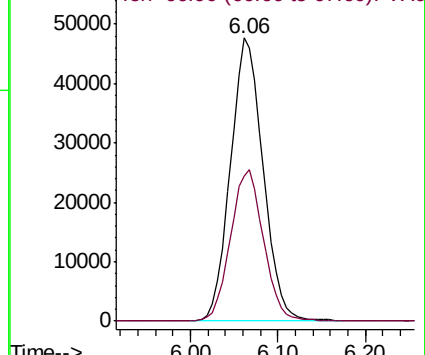
65 100

67 54.0 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: VX009921.D

Acq: 28 May 2019 17:43

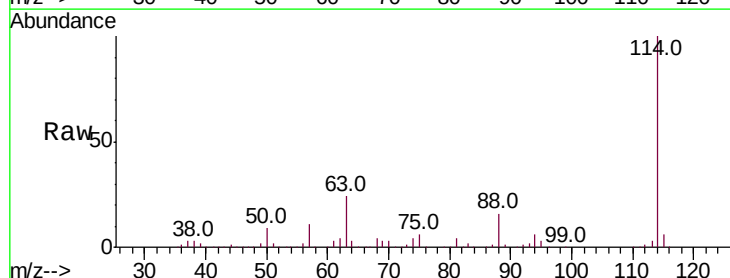
Tgt Ion:114 Resp: 295463

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

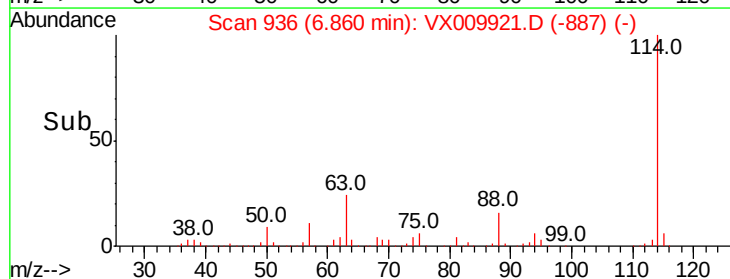
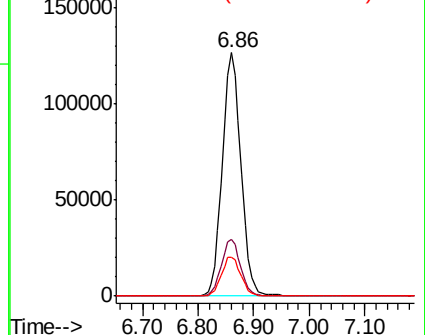
88 16.0 0.0 33.0

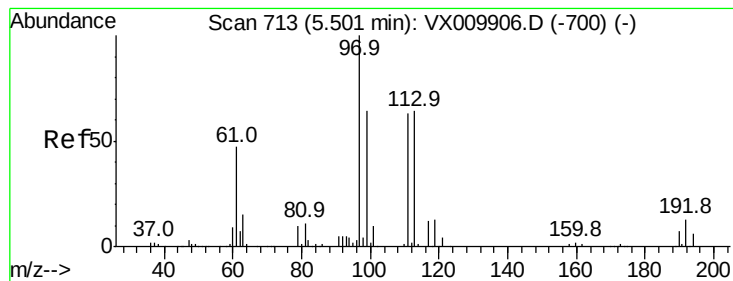


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.902 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009921.D

Acq: 28 May 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

S32-0654

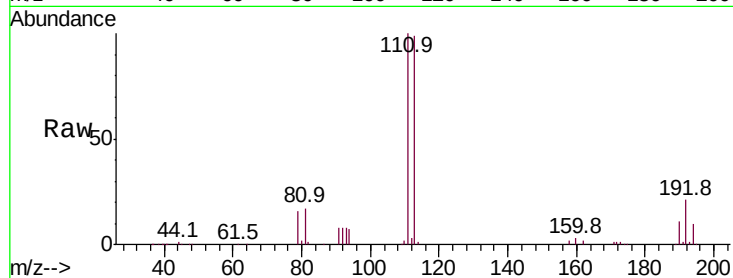
Tot Ion:113 Resp: 90840

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

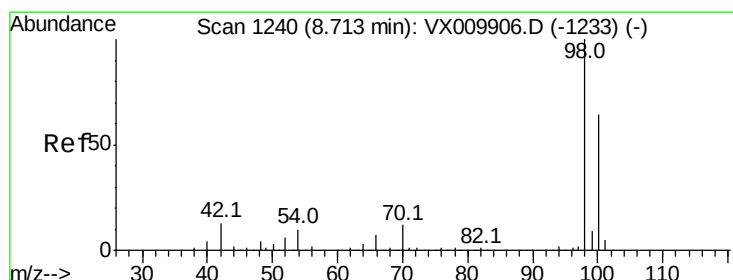
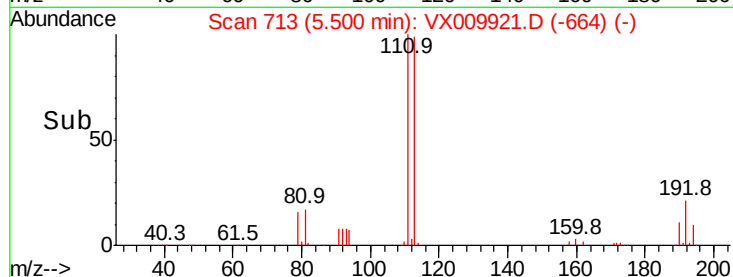
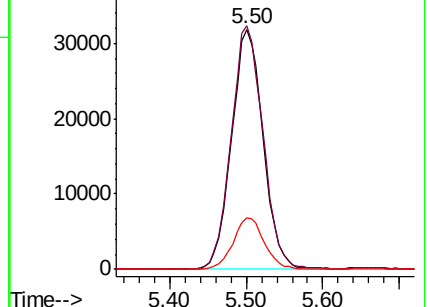
192 21.2 17.1 25.7



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



#50

Toluene-d8

Concen: 49.798 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009921.D

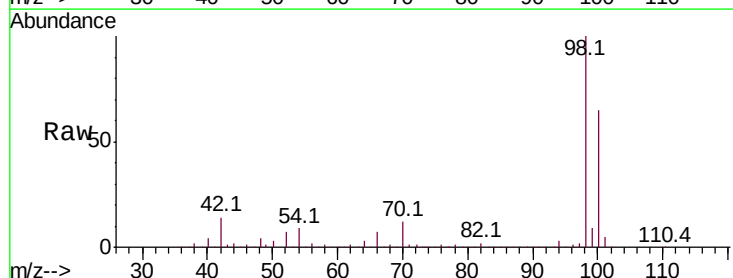
Acq: 28 May 2019 17:43

Tgt Ion: 98 Resp: 375635

Ion Ratio Lower Upper

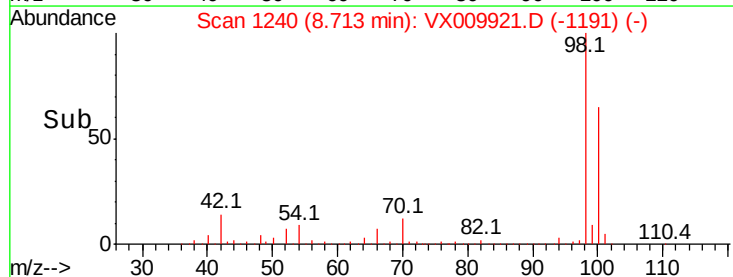
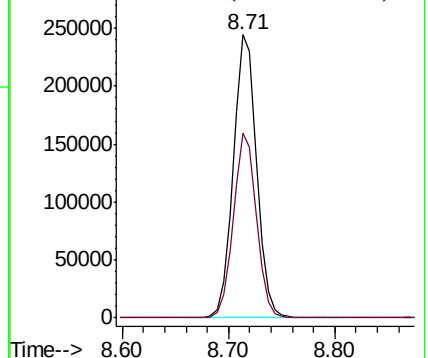
98 100

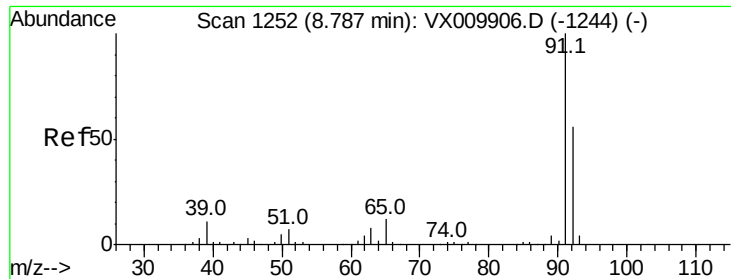
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 44.925 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009921.D

Acq: 28 May 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

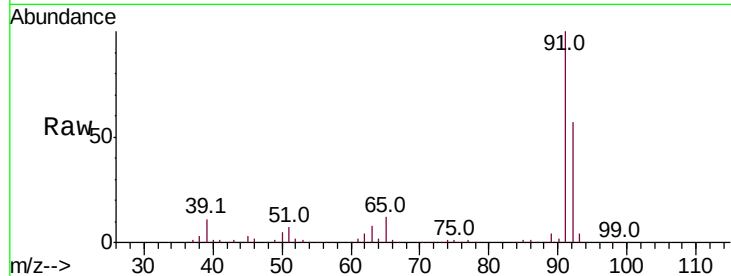
S32-0654

Tot Ion: 92 Resp: 242567

Ion Ratio Lower Upper

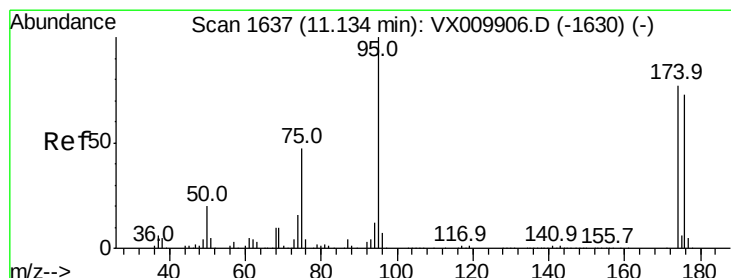
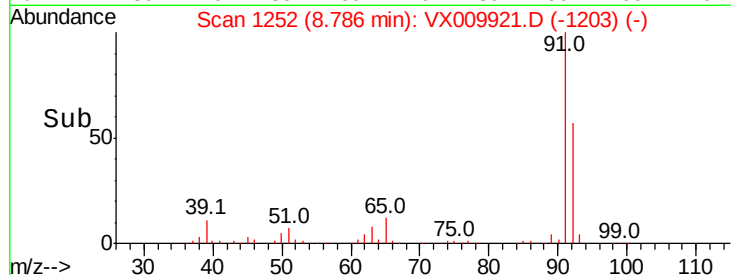
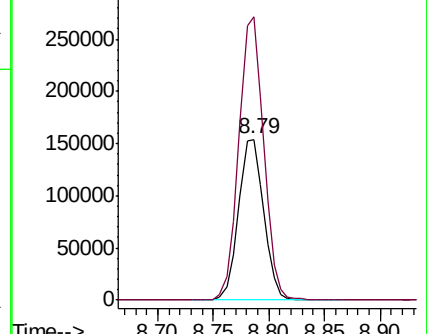
92 100

91 173.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.826 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009921.D

Acq: 28 May 2019 17:43

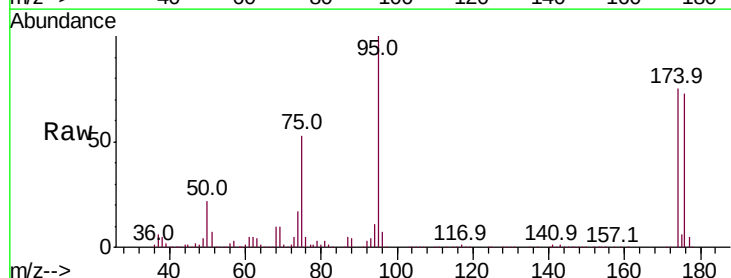
Tgt Ion: 95 Resp: 126871

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.4

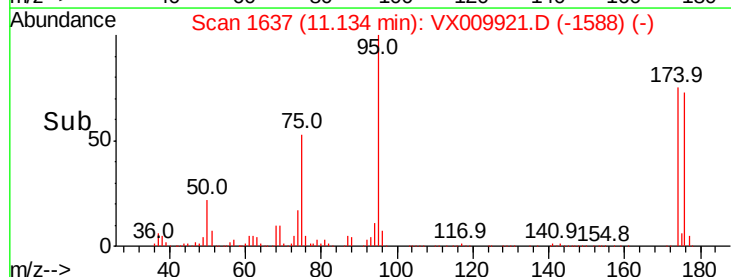
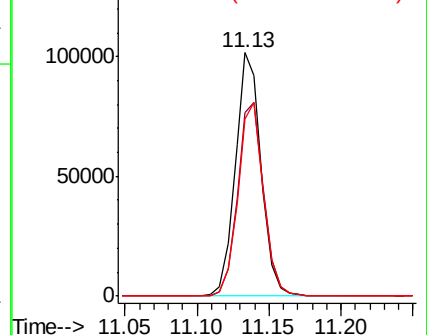
176 78.8 0.0 154.6

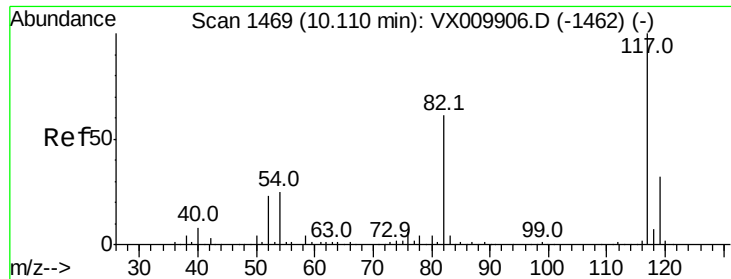


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

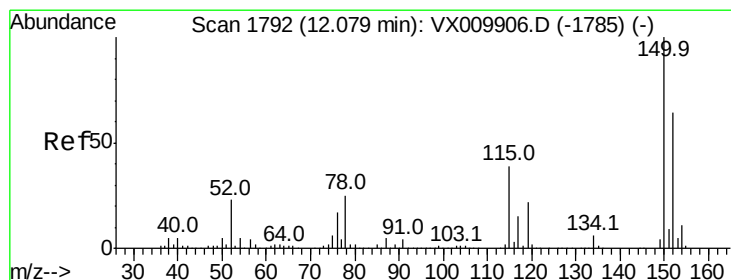
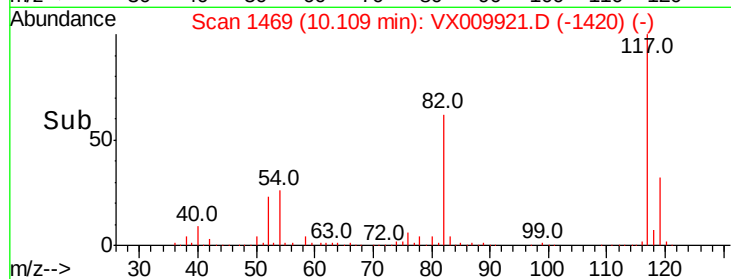
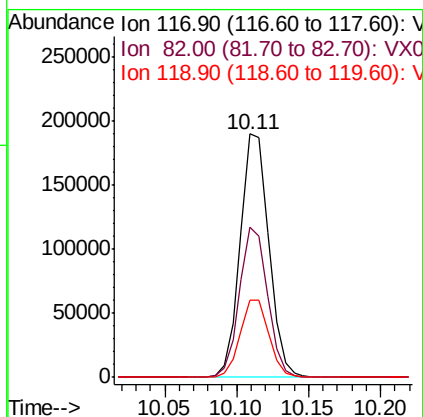
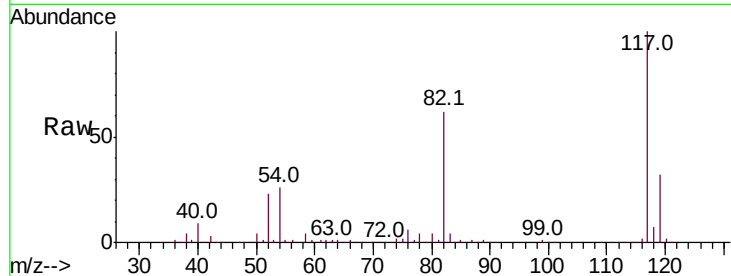




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009921.D
Acq: 28 May 2019 17:43

Instrument :
MSVOA_X
ClientSampled :
S32-0654

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	49.2	73.8
119	31.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009921.D
Acq: 28 May 2019 17:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.4	124.2
150	157.2	0.0	345.2

