

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009917.D
 Acq On : 28 May 2019 16:09
 Operator : JC/SP
 Sample : K3032-05DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0653DL

Quant Time: May 29 04:45:41 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

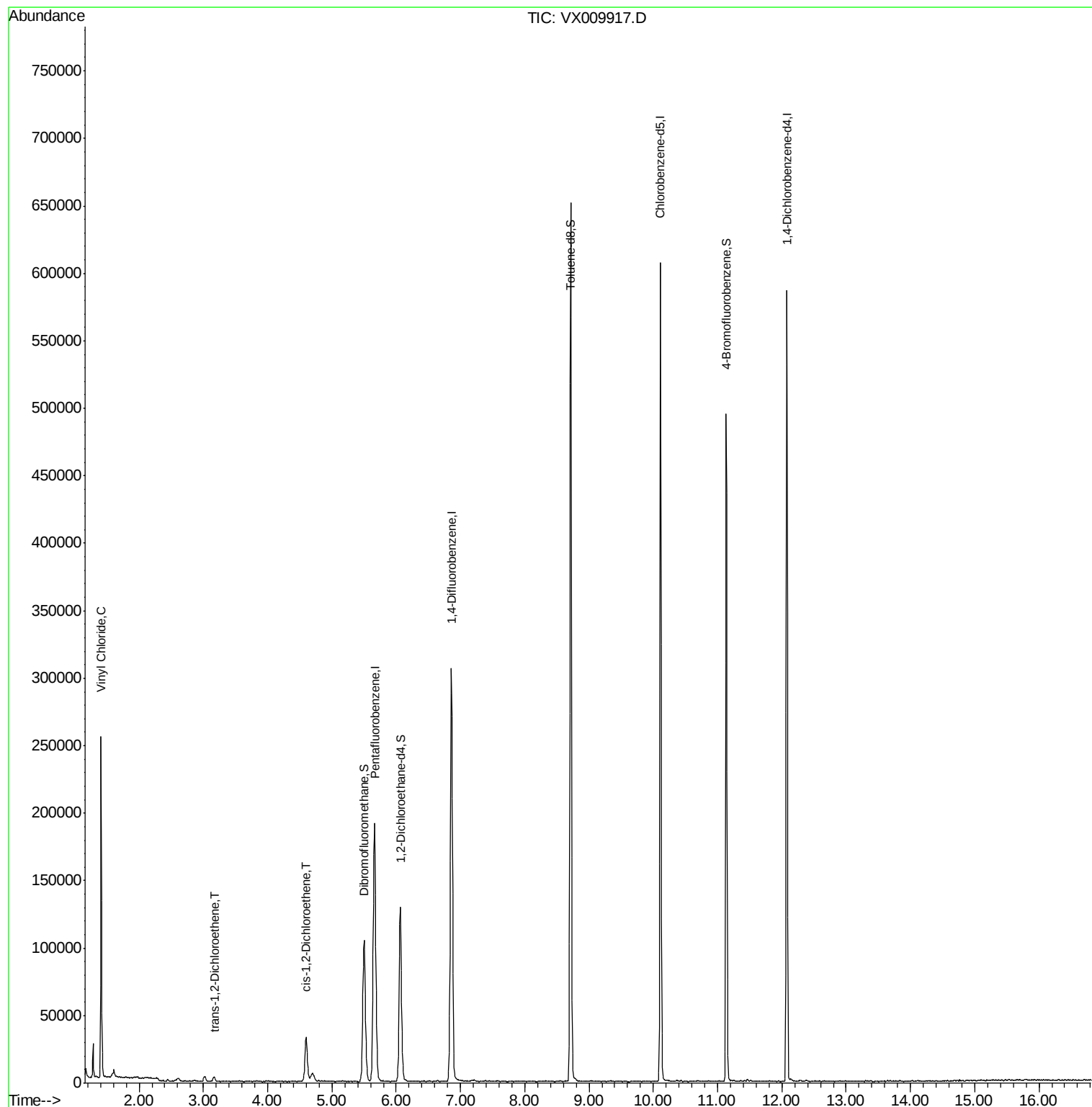
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124207	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	5.50	113	88720	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	8.71	98	373921	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	127646	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
Target Compounds						
4) Vinyl Chloride	1.41	62	171977	63.991	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	1085	0.531	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	19893	8.427	ug/l	90

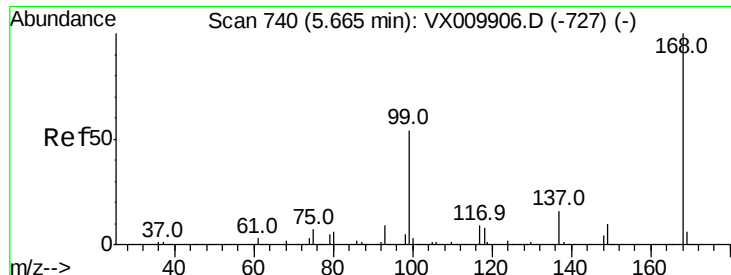
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009917.D

Acq: 28 May 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

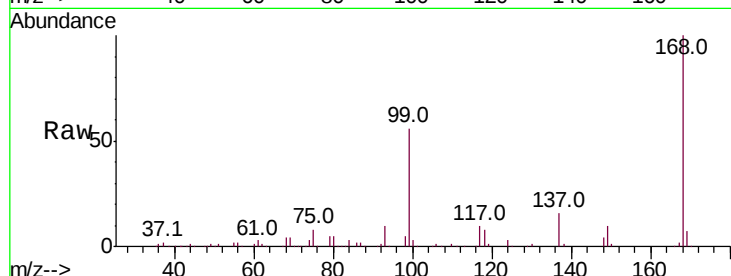
S32-0653DL

Tot Ion:168 Resp: 181475

Ion Ratio Lower Upper

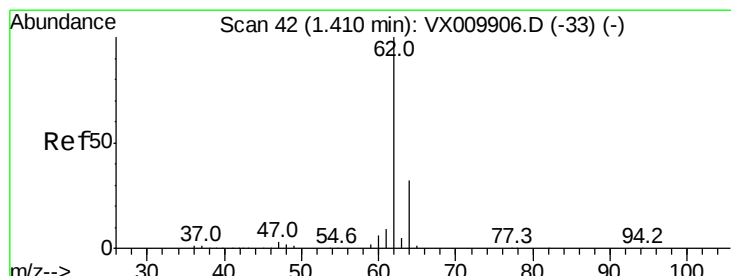
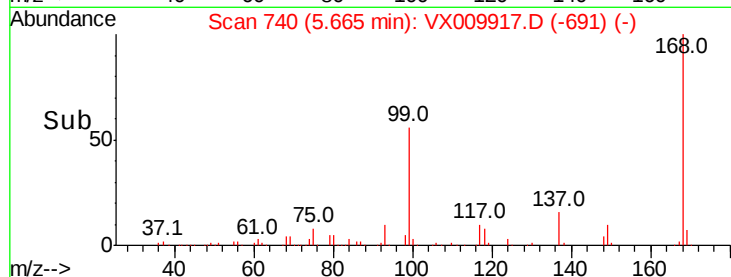
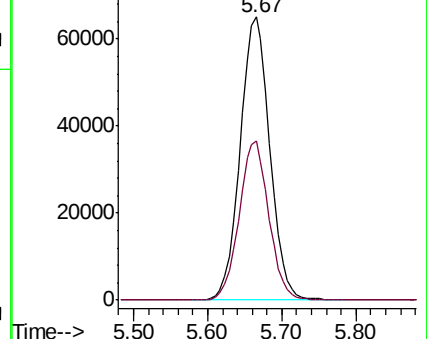
168 100

99 56.5 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: 63.991 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009917.D

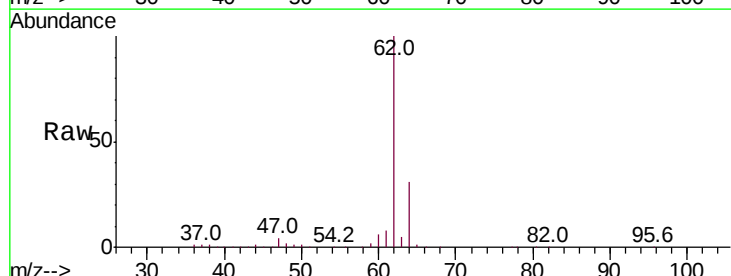
Acq: 28 May 2019 16:09

Tgt Ion: 62 Resp: 171977

Ion Ratio Lower Upper

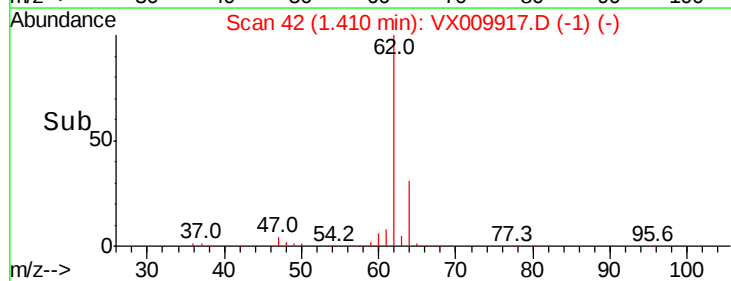
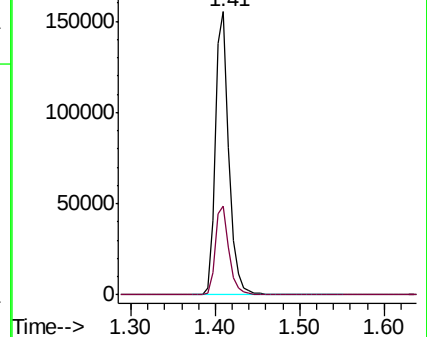
62 100

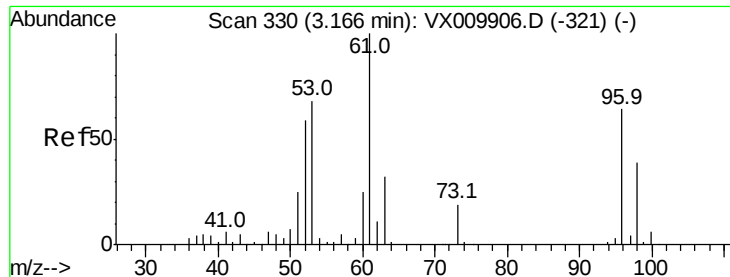
64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.531 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

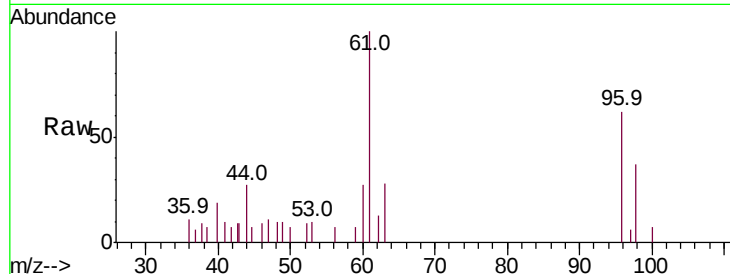
Lab File: VX009917.D

Acq: 28 May 2019 16:09

Instrument :
MSVOA_X
ClientSampled :
S32-0653DL

Tot Ion: 96 Resp: 1085

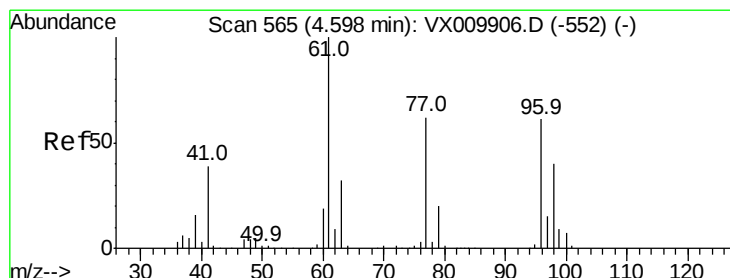
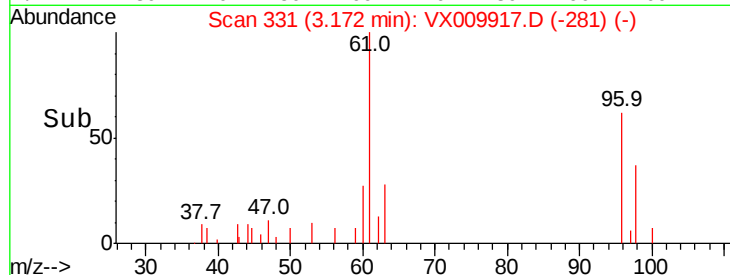
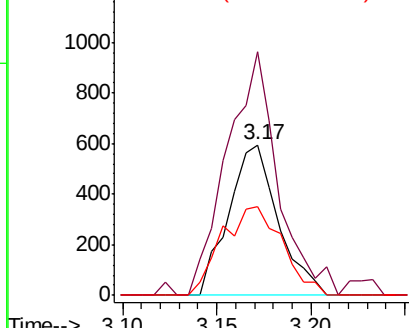
Ion	Ratio	Lower	Upper
96	100		
61	162.1	125.7	188.5
98	59.3	49.0	73.6



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



#27

cis-1,2-Dichloroethene

Concen: 8.427 ug/l

RT: 4.60 min Scan# 565

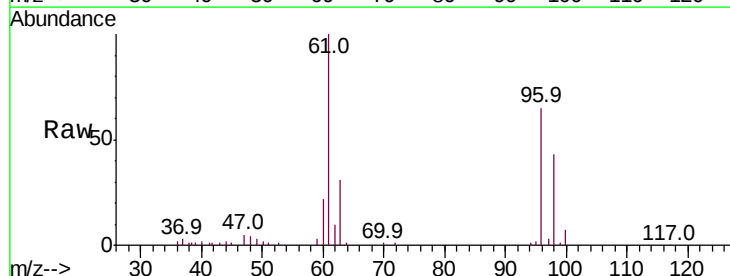
Delta R.T. -0.00 min

Lab File: VX009917.D

Acq: 28 May 2019 16:09

Tgt Ion: 96 Resp: 19893

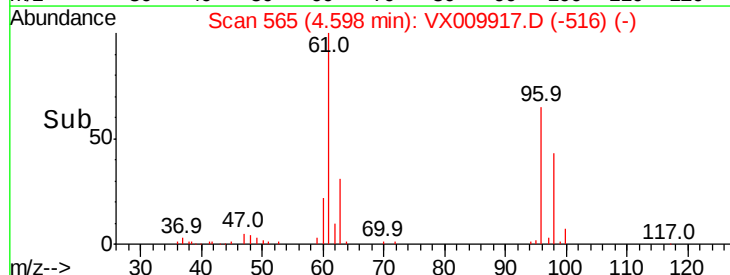
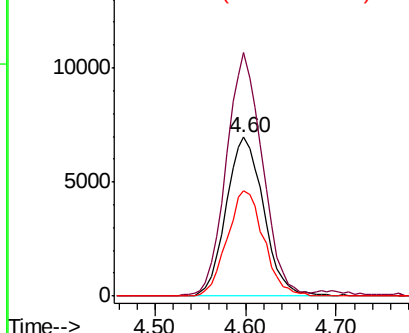
Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	334.0
98	65.3	0.0	131.6

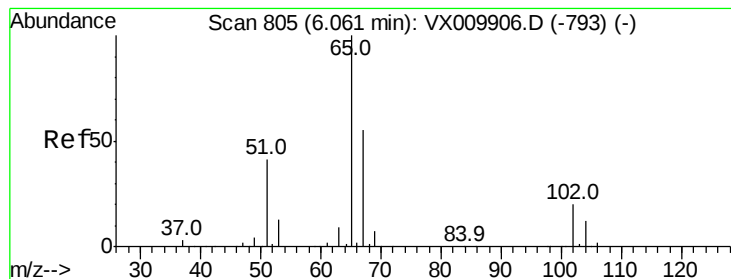


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.452 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009917.D

Acq: 28 May 2019 16:09

Instrument :

MSVOA_X

ClientSampled :

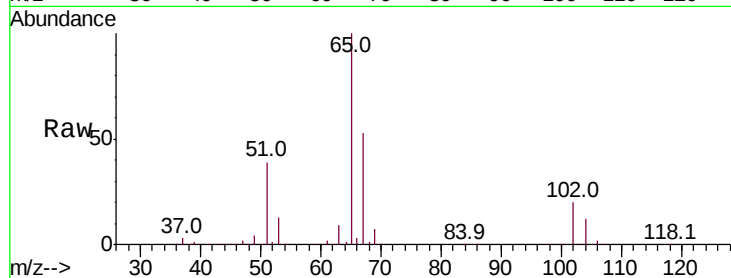
S32-0653DL

Tot Ion: 65 Resp: 124207

Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

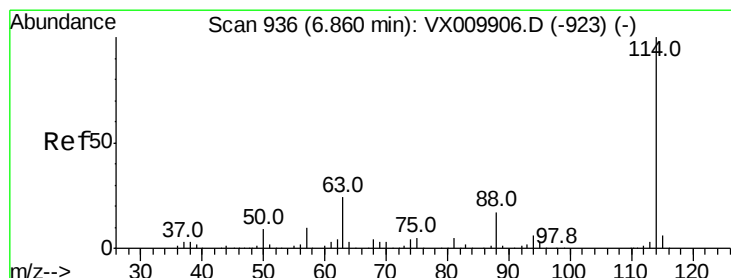
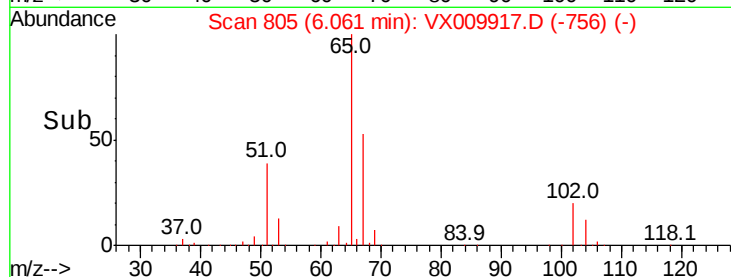
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009917.D

Acq: 28 May 2019 16:09

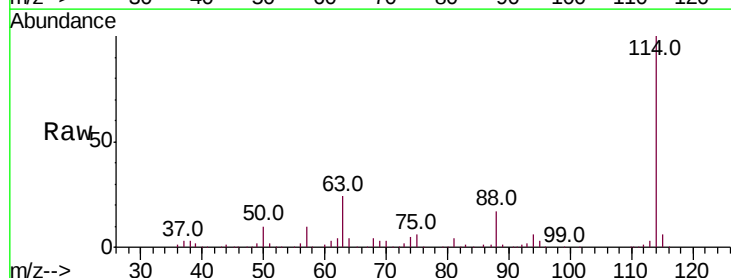
Tgt Ion:114 Resp: 289973

Ion Ratio Lower Upper

114 100

63 23.9 0.0 47.4

88 16.8 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

6.86

150000

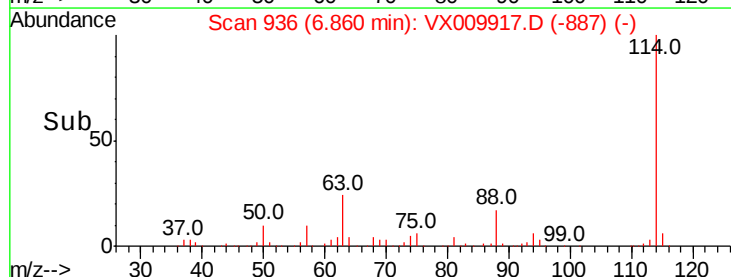
100000

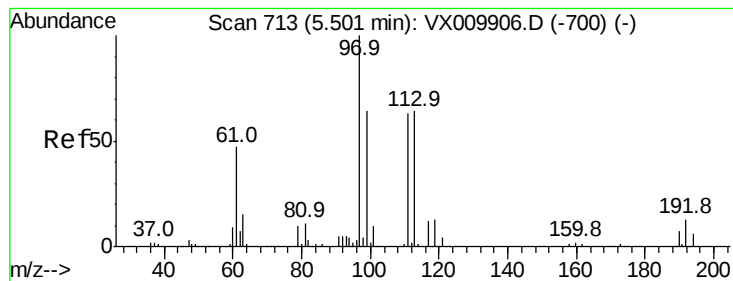
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.665 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009917.D

Acq: 28 May 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

S32-0653DL

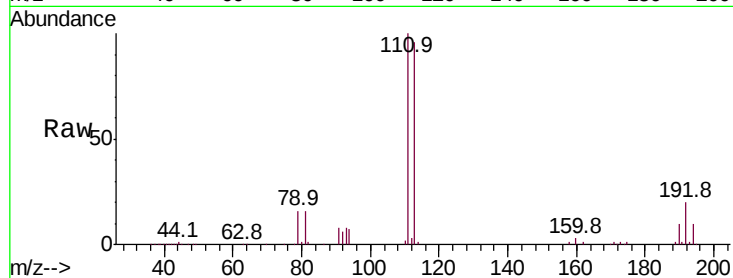
Tot Ion:113 Resp: 88720

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

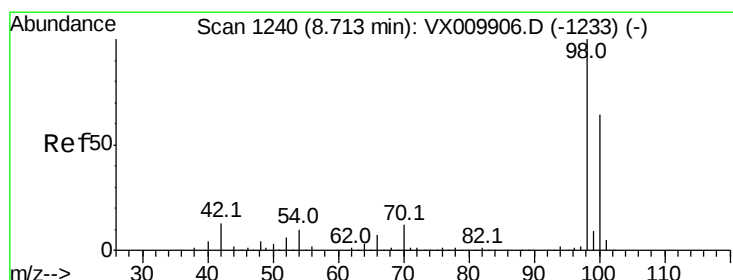
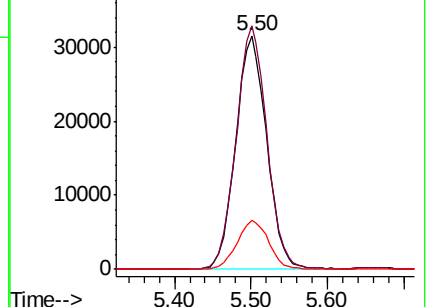
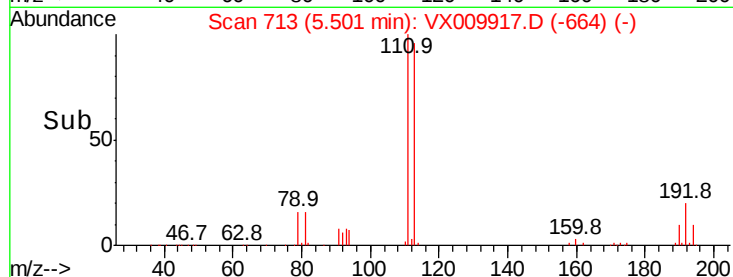
192 21.2 17.1 25.7



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: 50.509 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009917.D

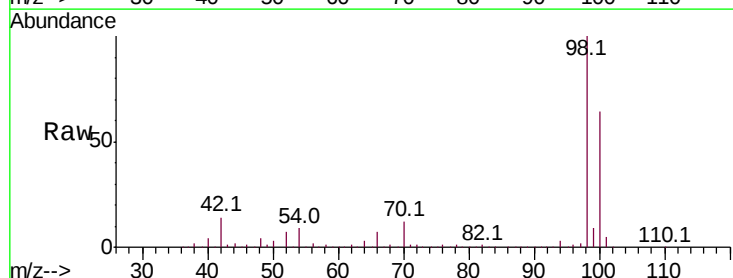
Acq: 28 May 2019 16:09

Tgt Ion: 98 Resp: 373921

Ion Ratio Lower Upper

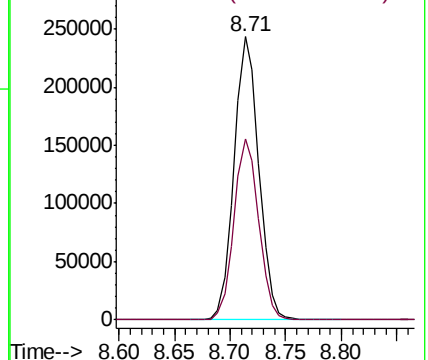
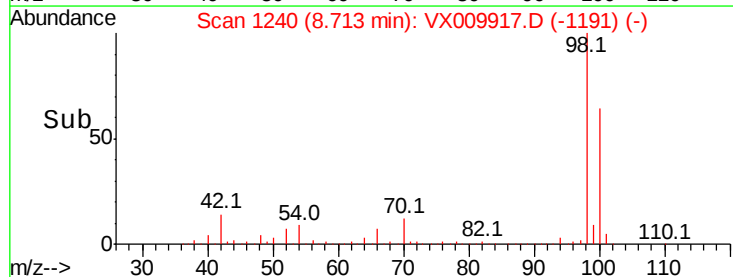
98 100

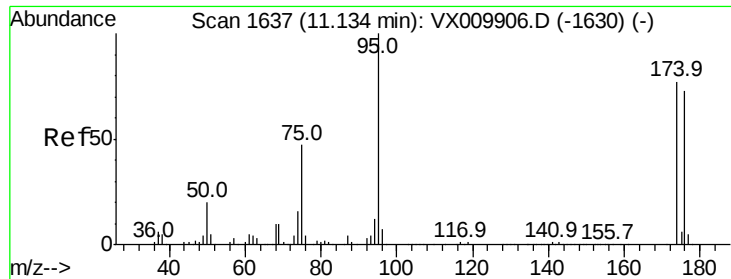
100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

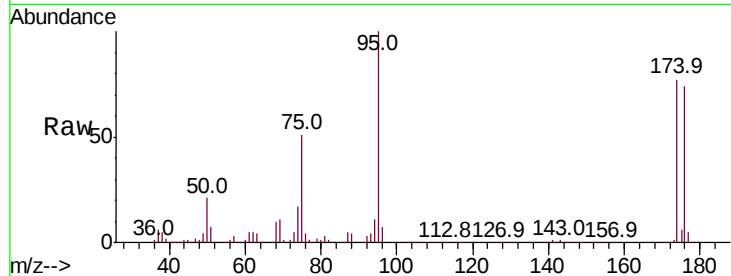




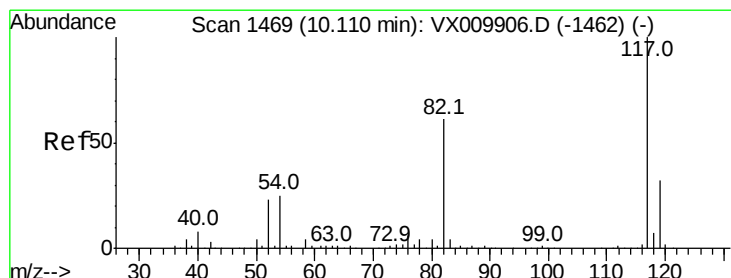
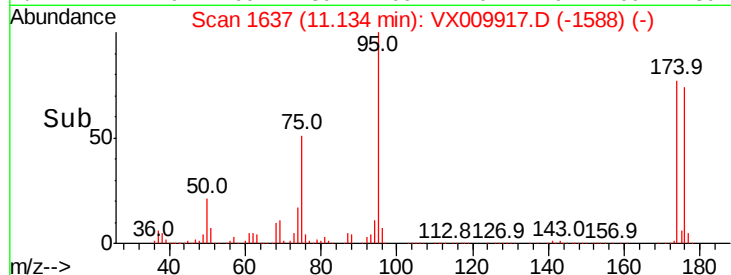
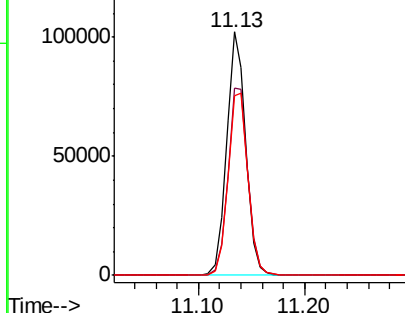
#62
 4-Bromofluorobenzene
 Concen: 48.004 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009917.D
 Acq: 28 May 2019 16:09

Instrument :
 MSVOA_X
 ClientSampled :
 S32-0653DL

Tot Ion: 95 Resp: 127646
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 160.4
 176 78.5 0.0 154.6

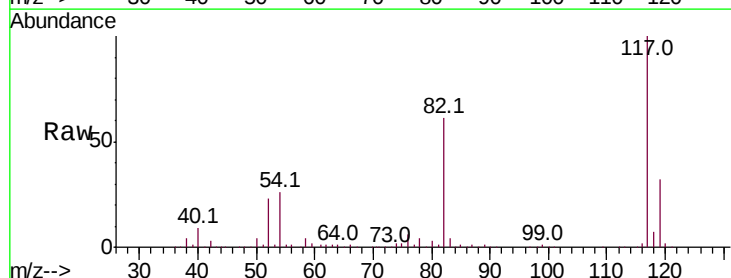


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

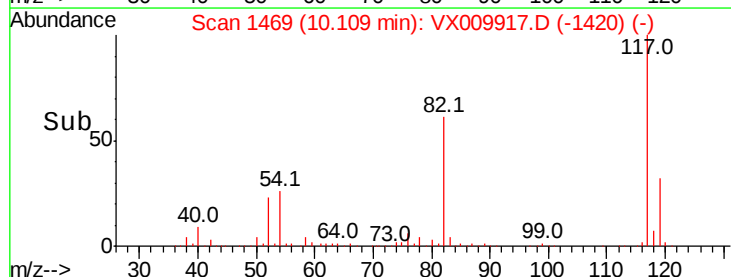
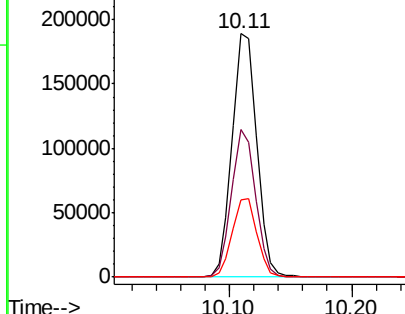


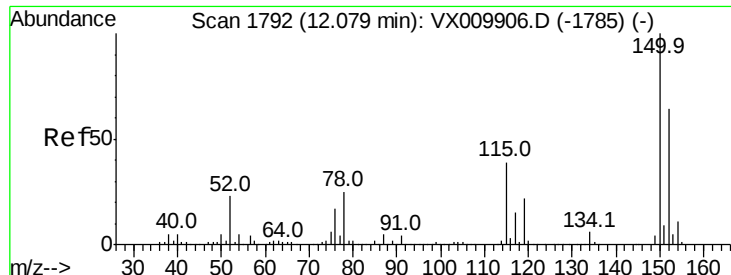
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009917.D
 Acq: 28 May 2019 16:09

Tgt Ion: 117 Resp: 263270
 Ion Ratio Lower Upper
 117 100
 82 60.9 49.2 73.8
 119 31.9 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009917.D

Acq: 28 May 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

S32-0653DL

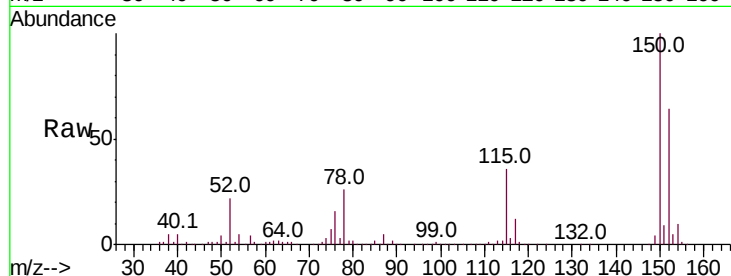
Tot Ion:152 Resp: 116398

Ion Ratio Lower Upper

152 100

115 57.9 41.4 124.2

150 155.8 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

