

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009940.D
 Acq On : 29 May 2019 15:16
 Operator : JC/SP
 Sample : K3077-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0663

Quant Time: May 30 10:12:07 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

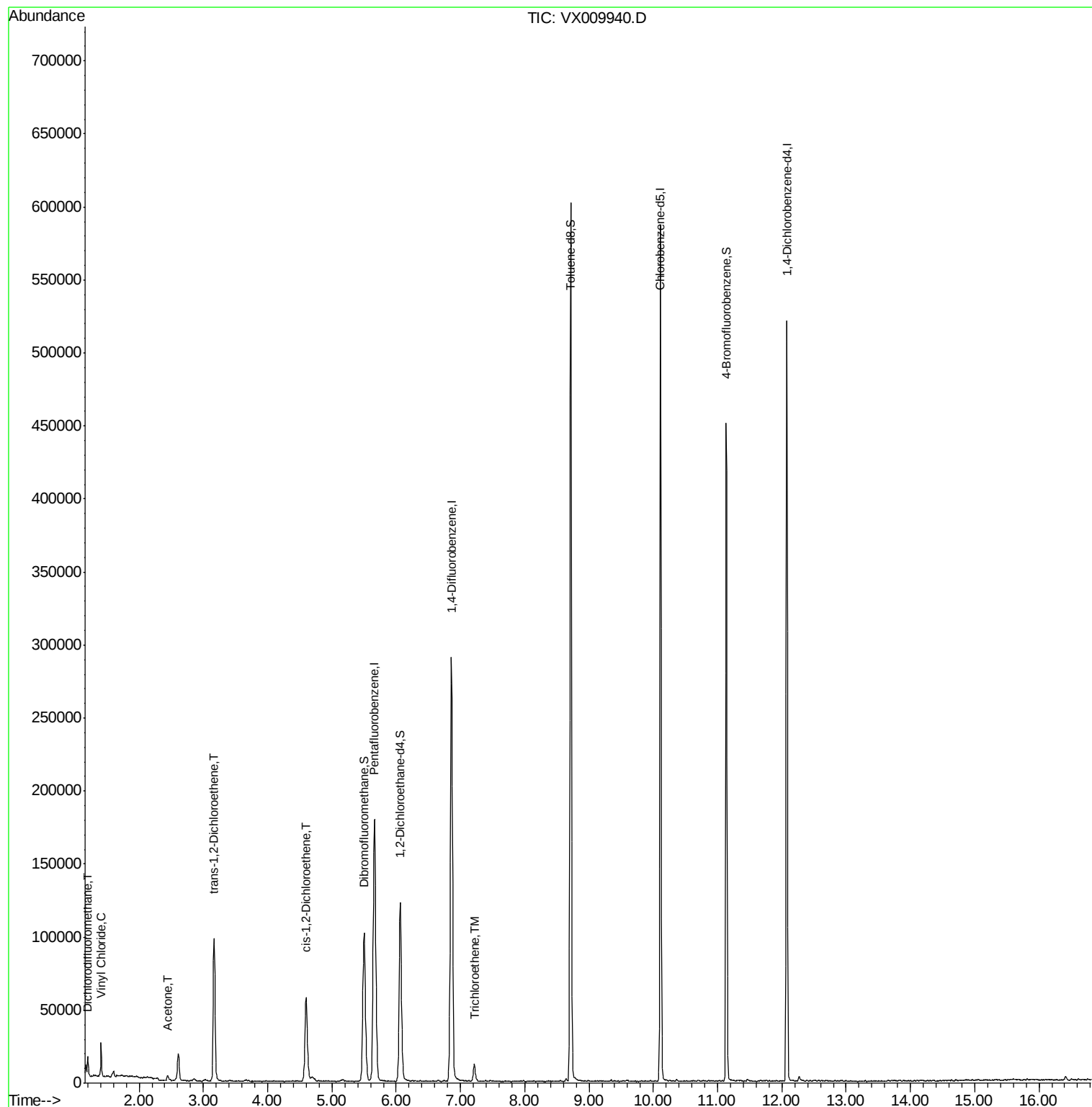
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116669	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
35) Dibromofluoromethane	5.50	113	86280	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	8.71	98	351016	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	117739	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	6863	3.254	ug/l	93
4) Vinyl Chloride	1.41	62	15531	6.077	ug/l	96
16) Acetone	2.45	43	3764	2.672	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	39151	20.132	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	35118	15.644	ug/l	88
44) Trichloroethene	7.21	130	4393	2.175	ug/l	98

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

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QLast Update : Wed May 29 04:00:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009940.D

Acq: 29 May 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

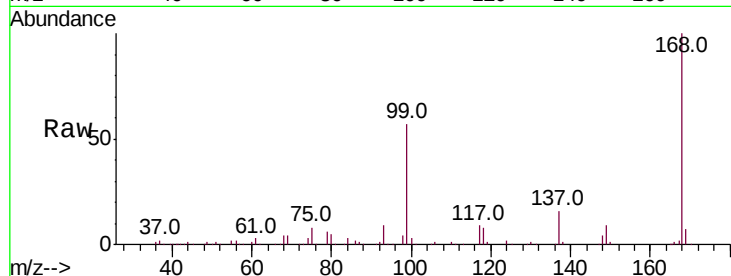
S32-0663

Tot Ion:168 Resp: 172581

Ion Ratio Lower Upper

168 100

99 56.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX009940.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX009940.D (-691) (-)

5.67

60000

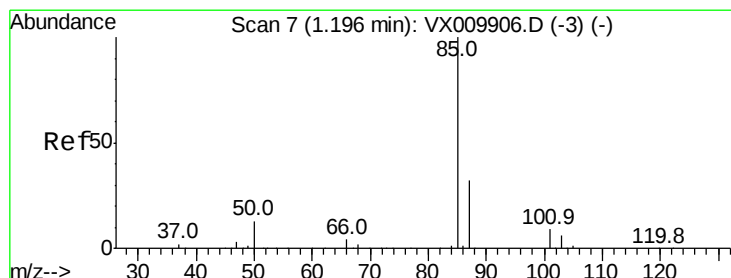
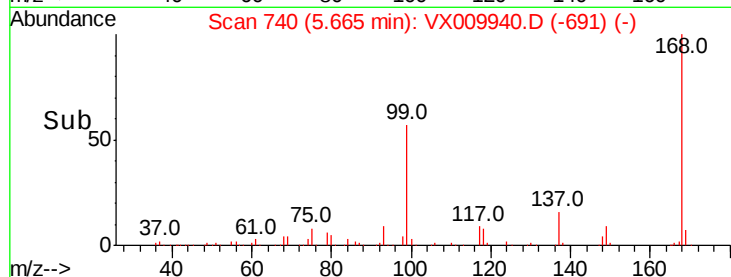
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 3.254 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009940.D

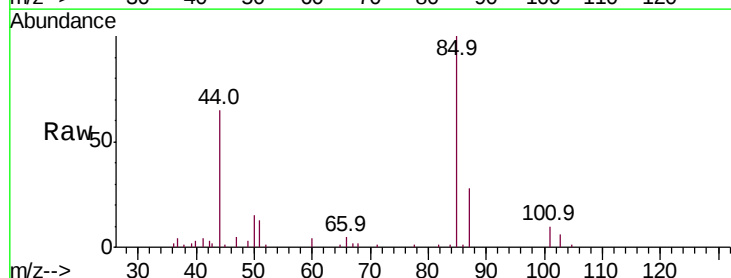
Acq: 29 May 2019 15:16

Tgt Ion: 85 Resp: 6863

Ion Ratio Lower Upper

85 100

87 28.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX009940.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX009940.D (-1) (-)

1.20

6000

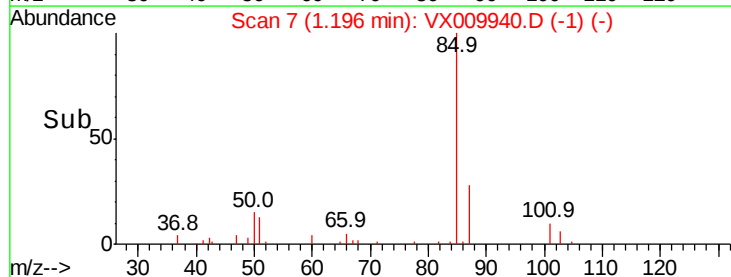
4000

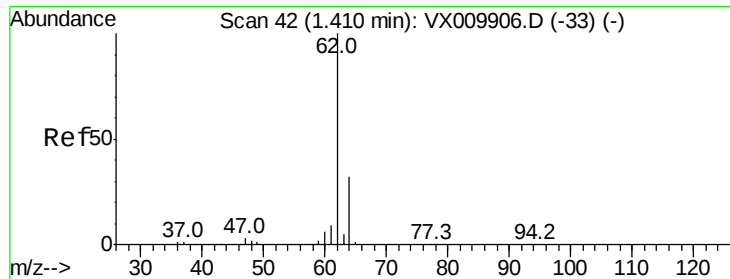
2000

0

1.15 1.20 1.25

Time-->





#4

Vinyl Chloride

Concen: 6.077 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009940.D

Acq: 29 May 2019 15:16

Instrument :

MSVOA_X

ClientSampled :

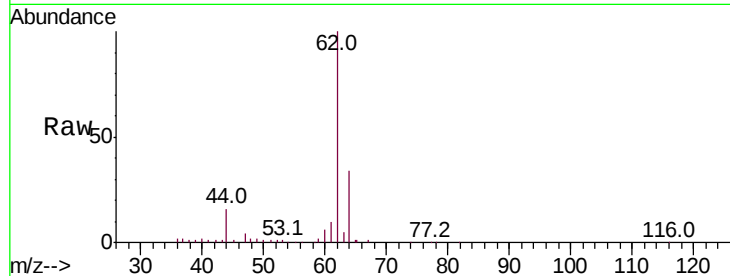
S32-0663

Tot Ion: 62 Resp: 15531

Ion Ratio Lower Upper

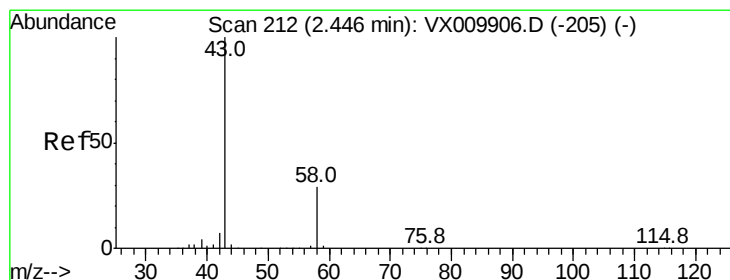
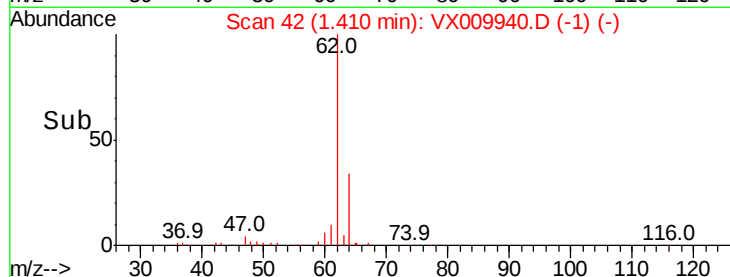
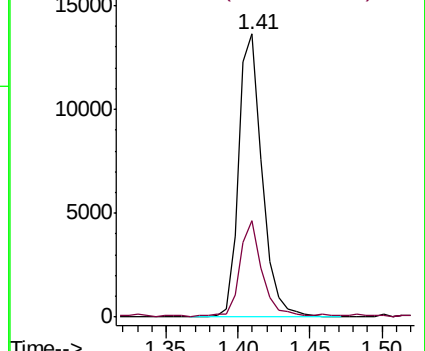
62 100

64 34.2 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: 2.672 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009940.D

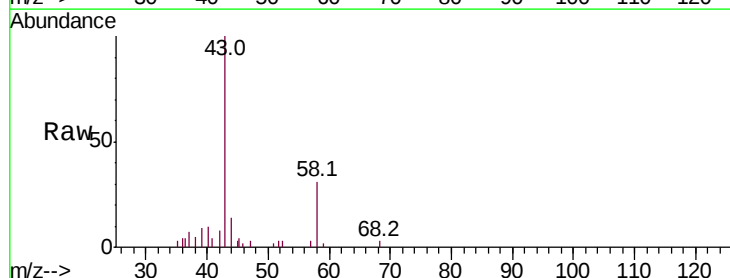
Acq: 29 May 2019 15:16

Tgt Ion: 43 Resp: 3764

Ion Ratio Lower Upper

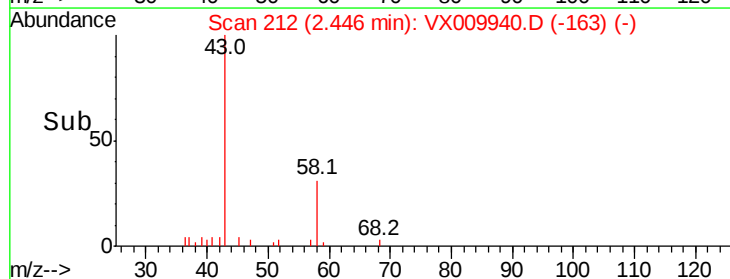
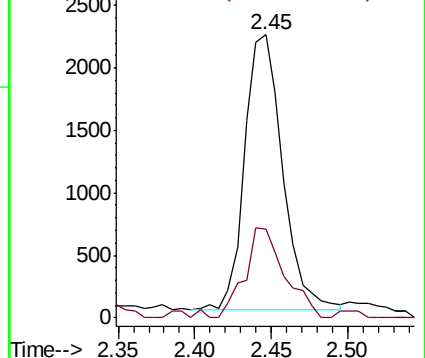
43 100

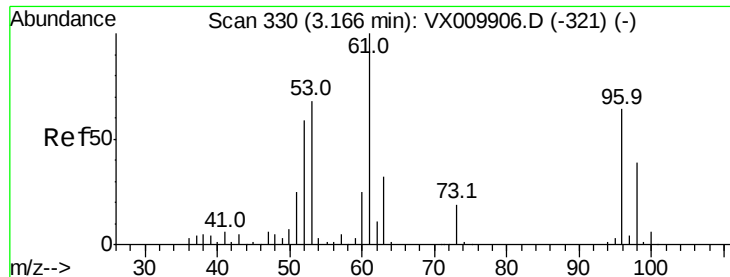
58 32.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 20.132 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009940.D

Acq: 29 May 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

S32-0663

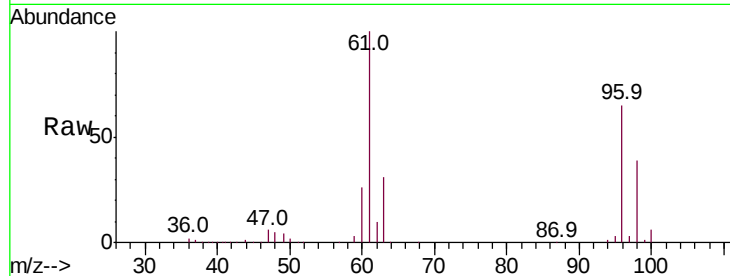
Tot Ion: 96 Resp: 39151

Ion Ratio Lower Upper

96 100

61 153.2 125.7 188.5

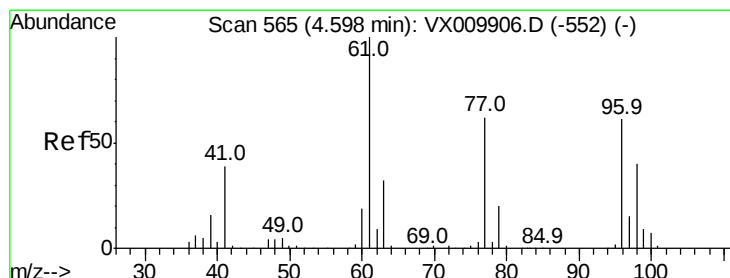
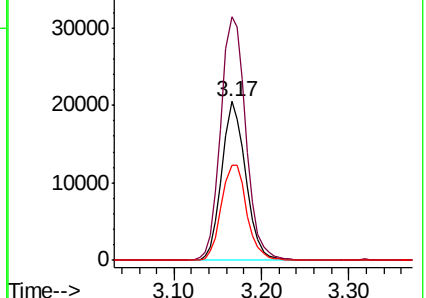
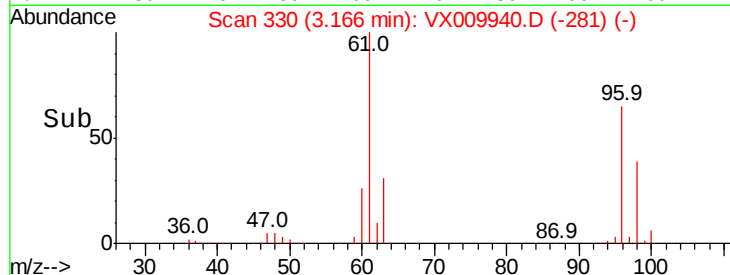
98 59.5 49.0 73.6



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: 15.644 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009940.D

Acq: 29 May 2019 15:16

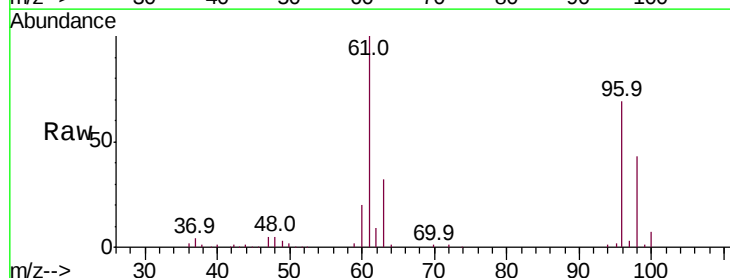
Tgt Ion: 96 Resp: 35118

Ion Ratio Lower Upper

96 100

61 145.1 0.0 334.0

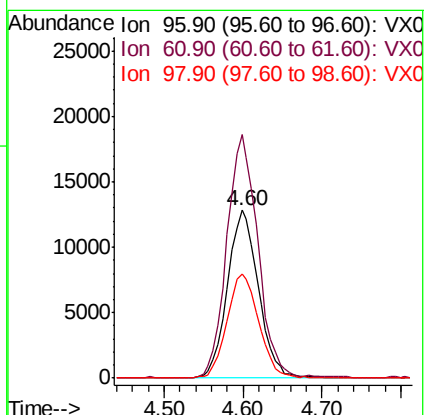
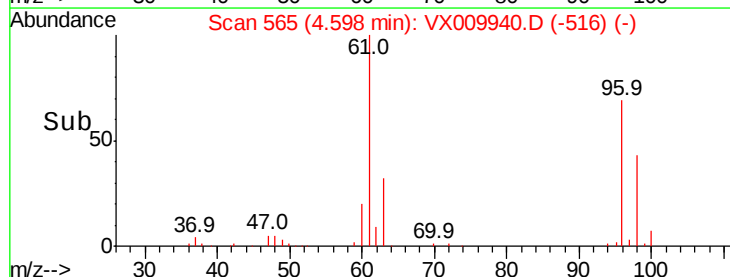
98 63.7 0.0 131.6

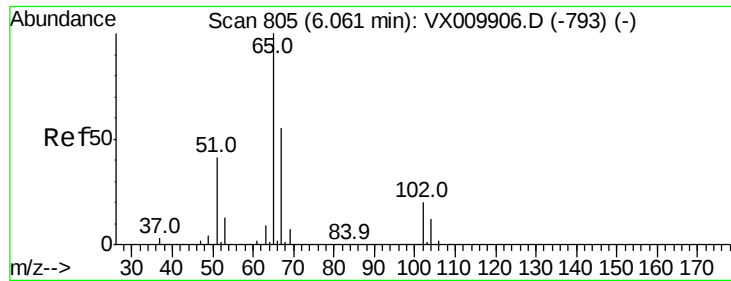


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

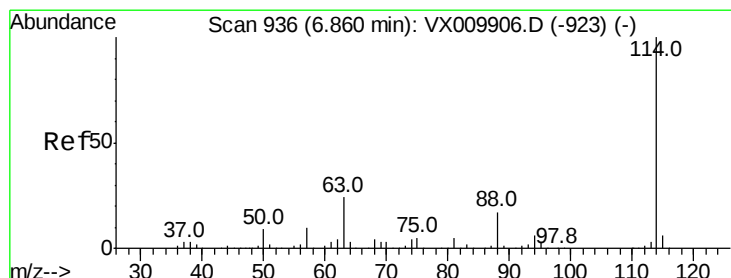
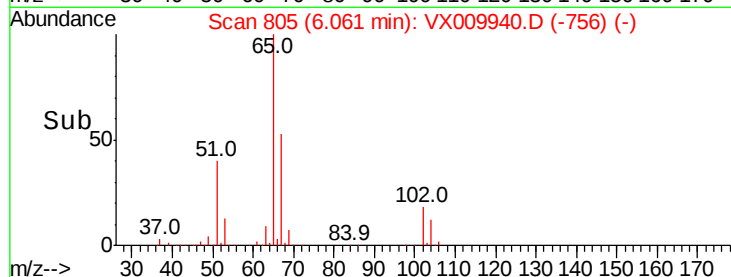
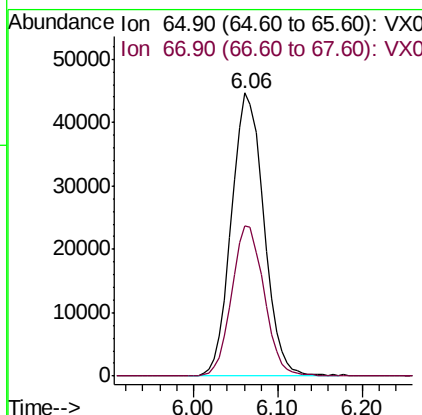
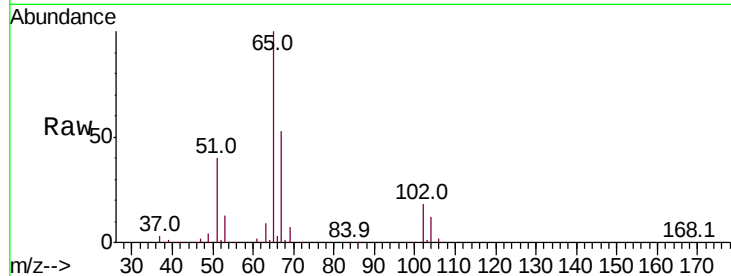




#33
 1,2-Dichloroethane-d4
 Concen: 47.857 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009940.D
 Acq: 29 May 2019 15:16

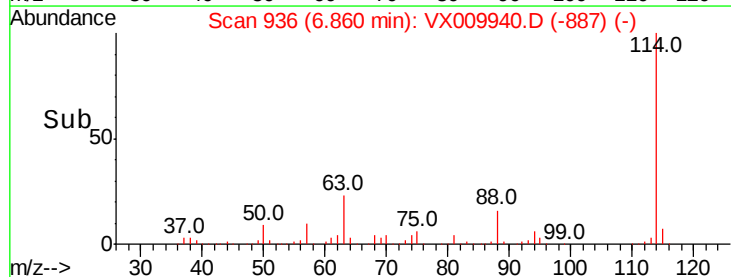
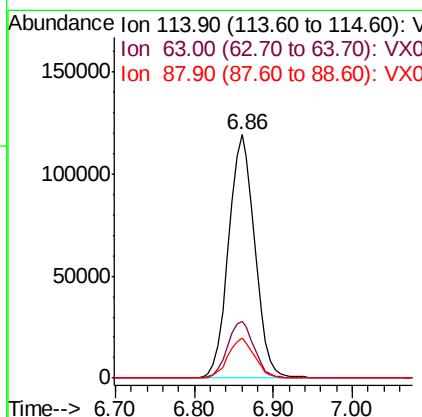
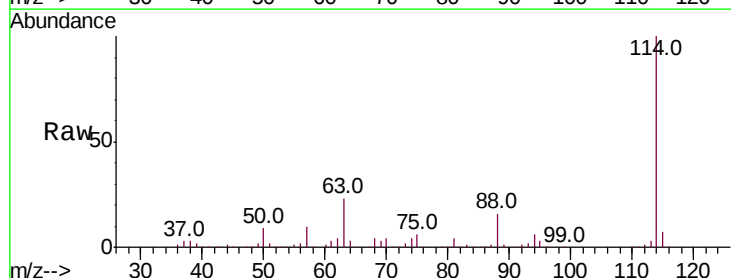
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0663

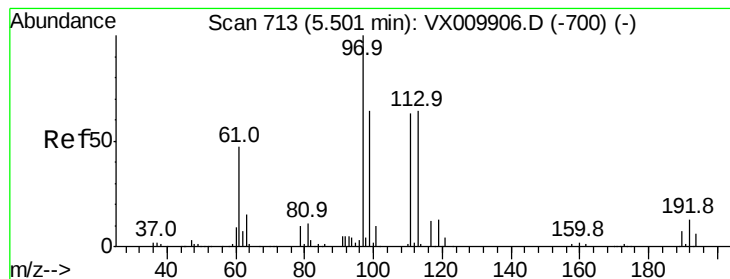
Tot Ion: 65 Resp: 116669
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009940.D
 Acq: 29 May 2019 15:16

Tgt Ion:114 Resp: 276243
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.4
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.679 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009940.D

Acq: 29 May 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

S32-0663

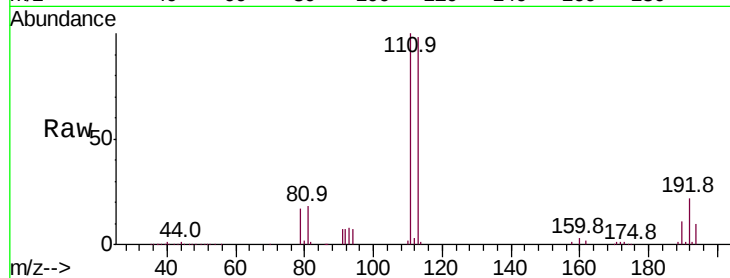
Tot Ion:113 Resp: 86280

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

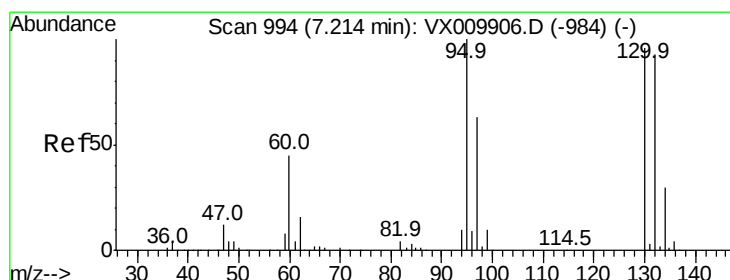
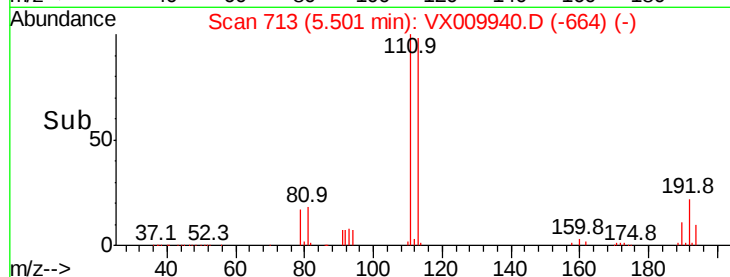
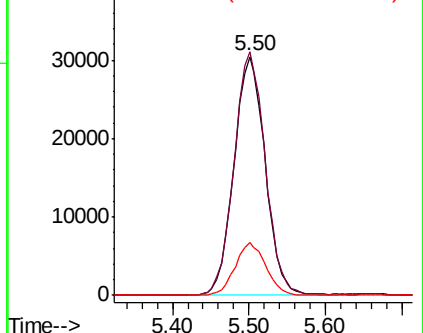
192 21.7 17.1 25.7



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: 2.175 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009940.D

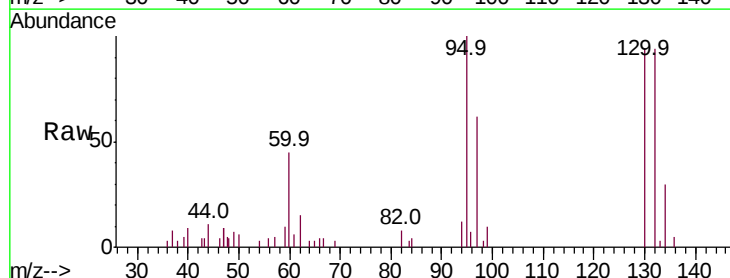
Acq: 29 May 2019 15:16

Tgt Ion:130 Resp: 4393

Ion Ratio Lower Upper

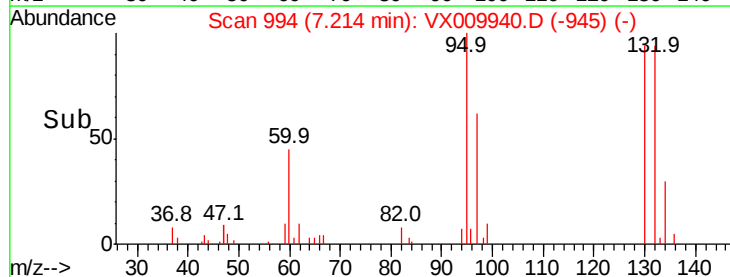
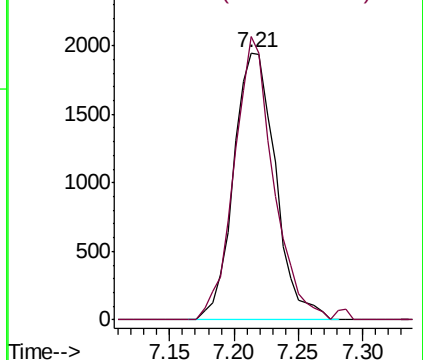
130 100

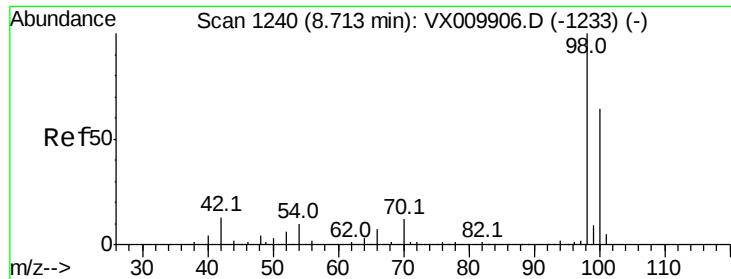
95 106.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.772 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009940.D

Acq: 29 May 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

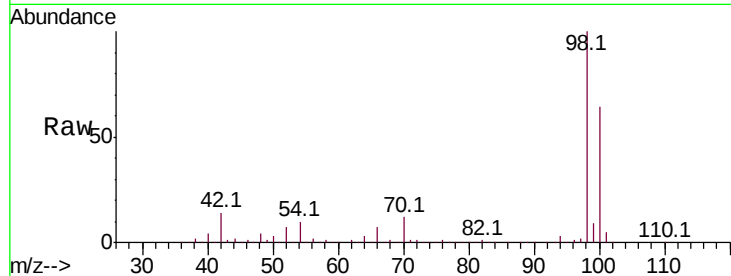
S32-0663

Tot Ion: 98 Resp: 351016

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

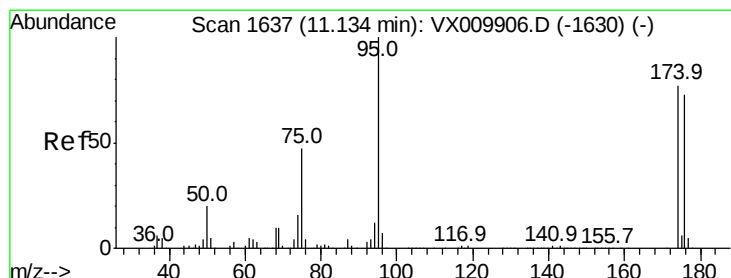
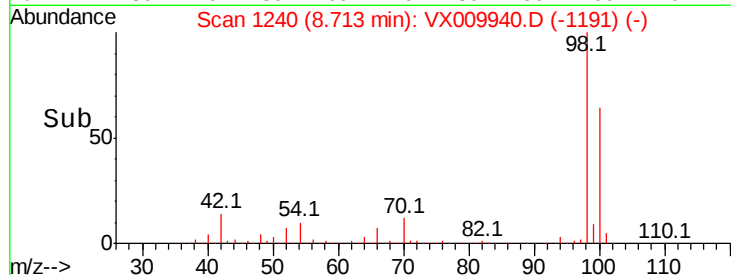
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.479 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009940.D

Acq: 29 May 2019 15:16

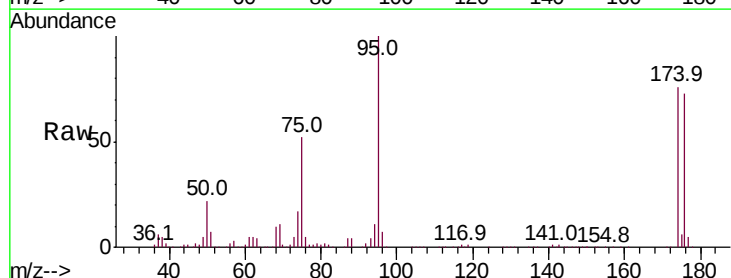
Tgt Ion: 95 Resp: 117739

Ion Ratio Lower Upper

95 100

174 80.7 0.0 160.4

176 79.3 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

11.13

120000

100000

80000

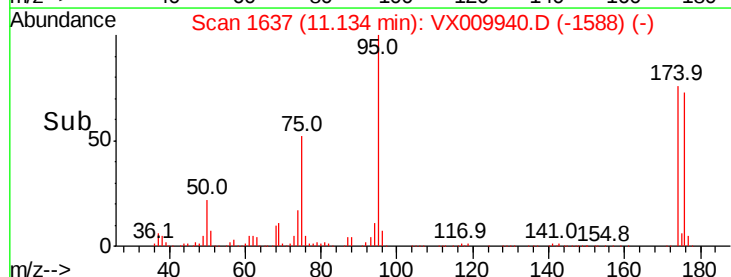
60000

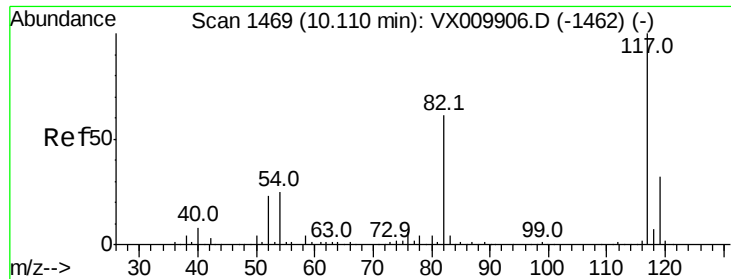
40000

20000

0

Time-->

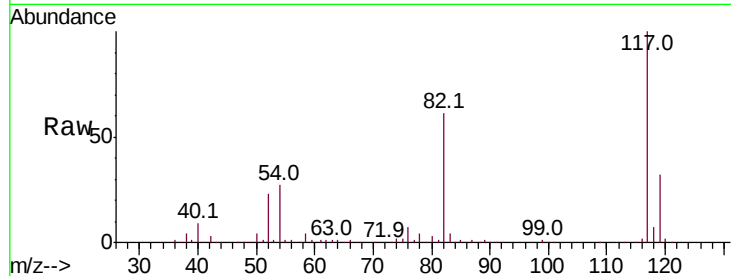




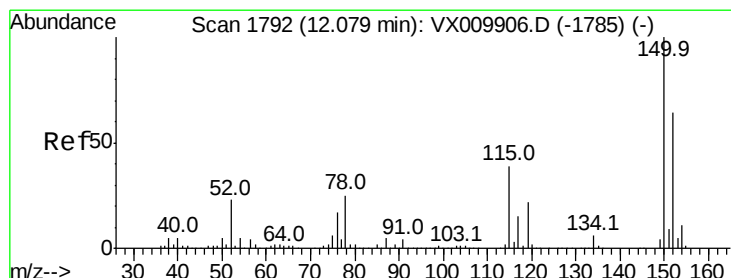
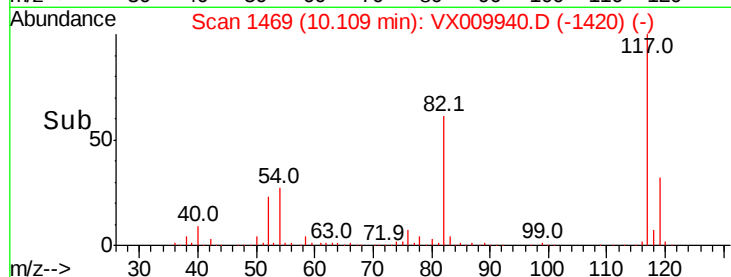
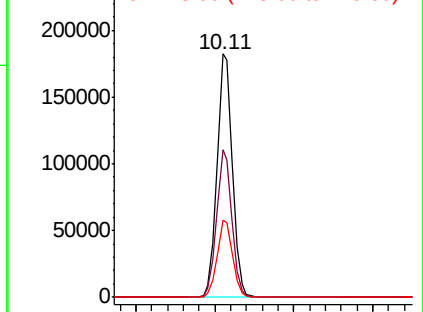
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009940.D
Acq: 29 May 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :
S32-0663

Tot Ion:117 Resp: 248537
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 31.9 25.2 37.8

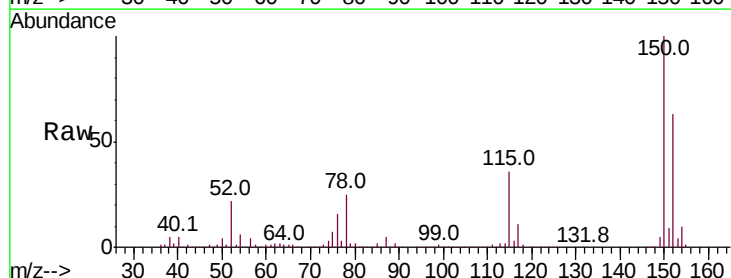


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009940.D
Acq: 29 May 2019 15:16

Tgt Ion:152 Resp: 105824
Ion Ratio Lower Upper
152 100
115 58.5 41.4 124.2
150 157.4 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

