

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042919\
 Data File : VX009212.D
 Acq On : 29 Apr 2019 17:09
 Operator : JC/SP
 Sample : K2594-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW244-190423

Quant Time: Apr 30 09:48:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	141341	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	5.50	113	105003	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	433527	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	146239	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	

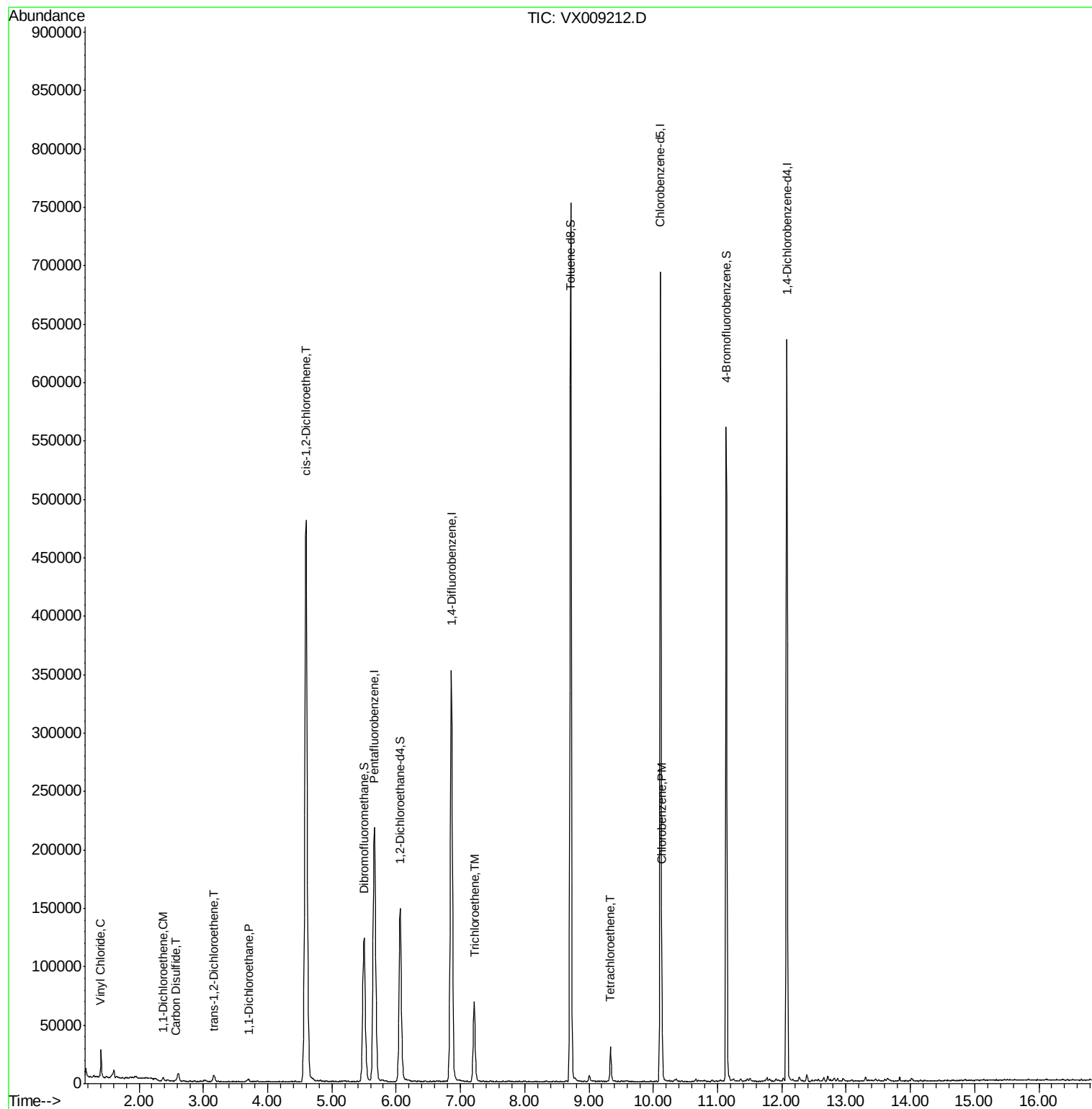
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	16443	6.175	ug/l	99
12) 1,1-Dichloroethene	2.37	96	1061	0.521	ug/l	85
17) Carbon Disulfide	2.57	76	1930	0.338	ug/l #	86
21) trans-1,2-Dichloroethene	3.17	96	2064	0.934	ug/l #	75
24) 1,1-Dichloroethane	3.70	63	1967	0.418	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	296560	112.486	ug/l	89
44) Trichloroethene	7.21	130	26720	11.101	ug/l	99
64) Tetrachloroethene	9.34	164	5945	2.857	ug/l	96
65) Chlorobenzene	10.13	112	14946	2.463	ug/l	97

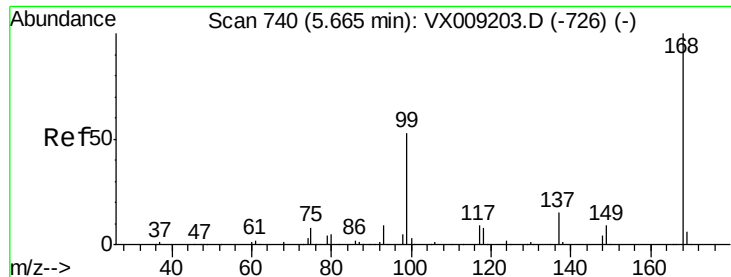
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 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: VX009212.D

Acq: 29 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

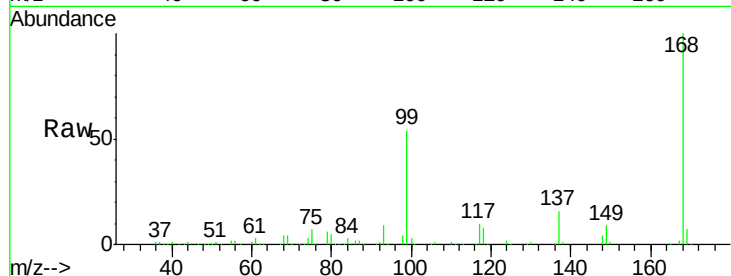
WP021RW244-190423

Tot Ion:168 Resp: 217062

Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

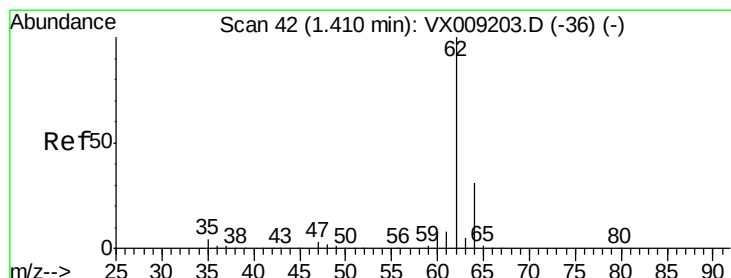
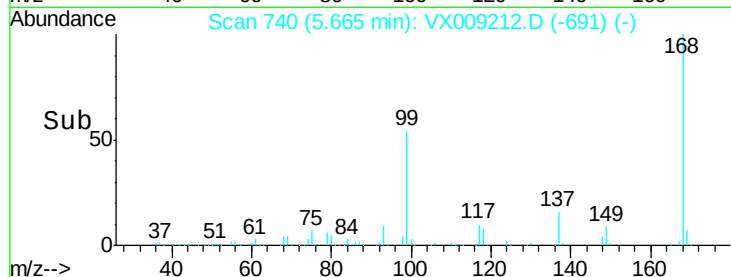
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 6.175 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009212.D

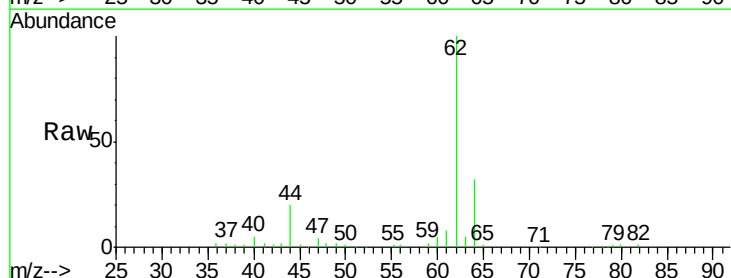
Acq: 29 Apr 2019 17:09

Tgt Ion: 62 Resp: 16443

Ion Ratio Lower Upper

62 100

64 31.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

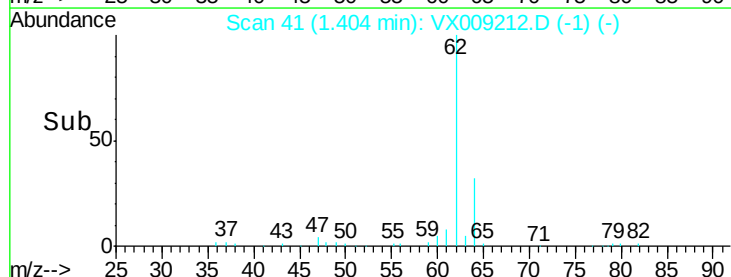
15000

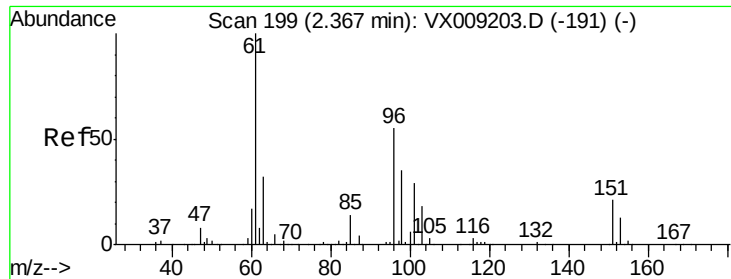
10000

5000

0

Time--> 1.35 1.40 1.45

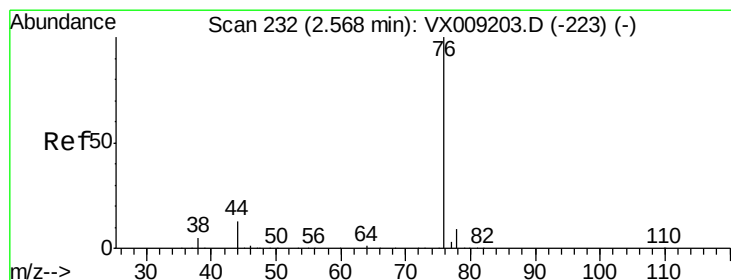
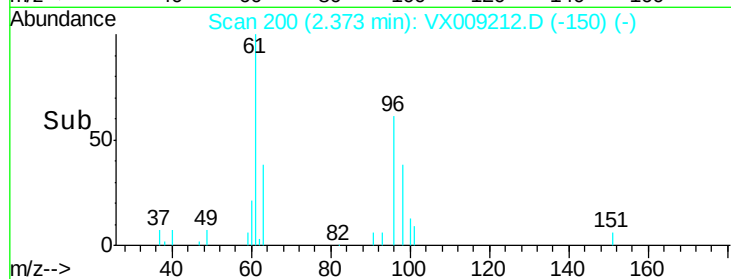
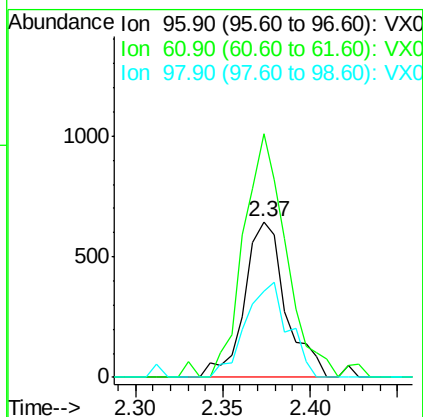
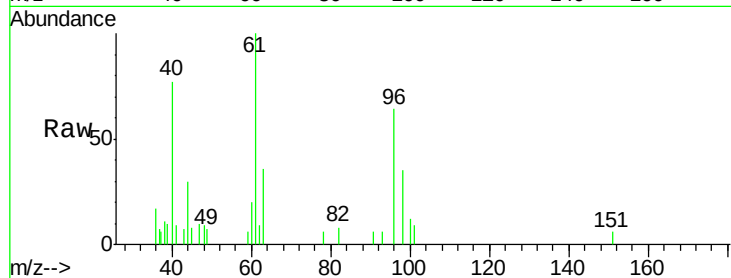




#12
 1,1-Dichloroethene
 Concen: 0.521 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009212.D
 Acq: 29 Apr 2019 17:09

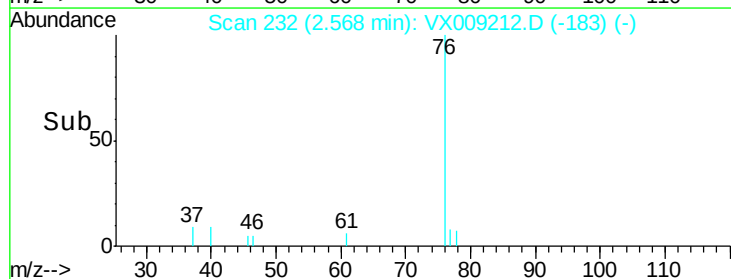
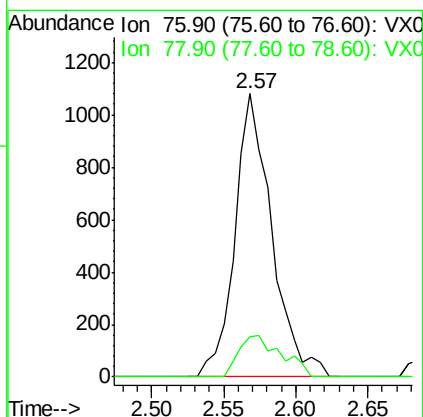
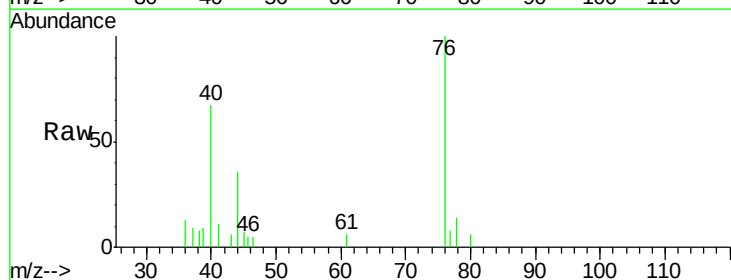
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW244-190423

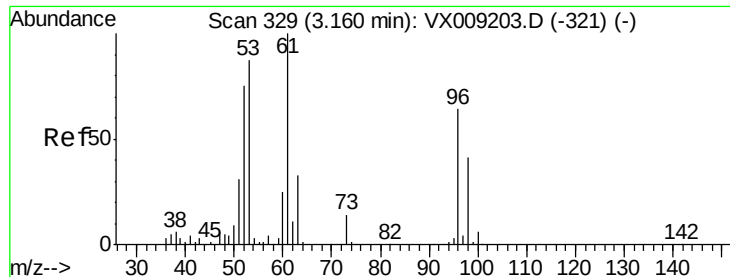
Tot Ion: 96 Resp: 1061
 Ion Ratio Lower Upper
 96 100
 61 156.7 144.3 216.5
 98 55.4 50.3 75.5



#17
 Carbon Disulfide
 Concen: 0.338 ug/l
 RT: 2.57 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: VX009212.D
 Acq: 29 Apr 2019 17:09

Tgt Ion: 76 Resp: 1930
 Ion Ratio Lower Upper
 76 100
 78 14.2 7.4 11.0#





#21

trans-1,2-Dichloroethene

Concen: 0.934 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009212.D

Acq: 29 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

WP021RW244-190423

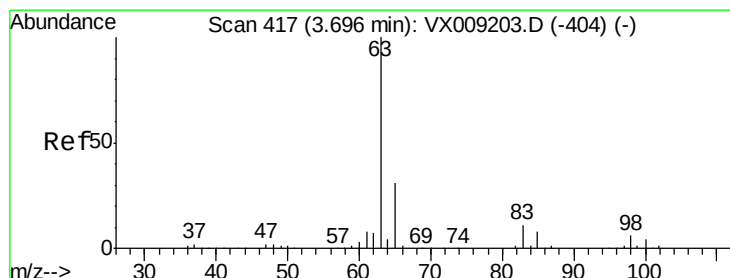
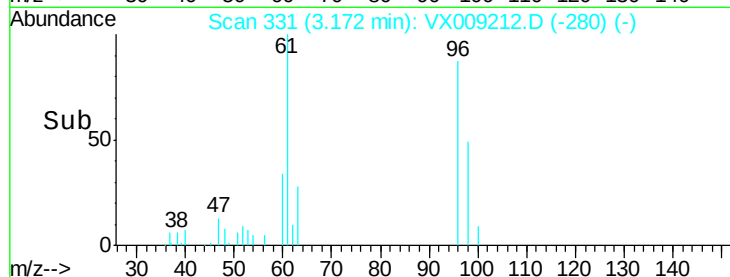
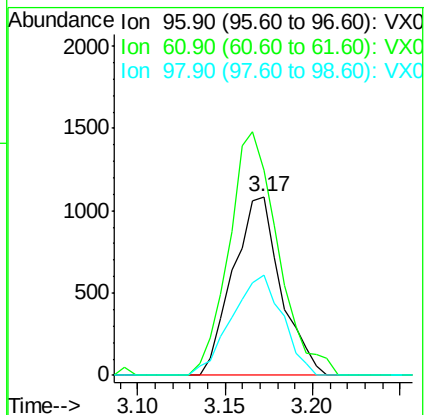
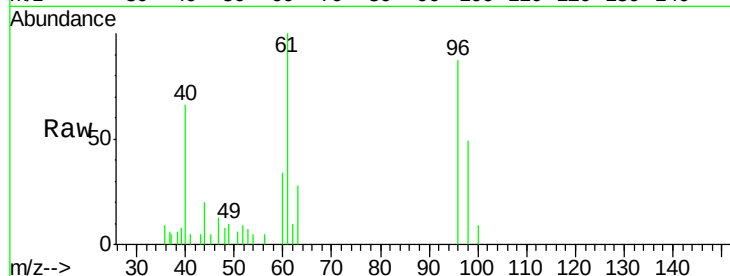
Tot Ion: 96 Resp: 2064

Ion Ratio Lower Upper

96 100

61 115.0 124.5 186.7#

98 56.3 50.4 75.6



#24

1,1-Dichloroethane

Concen: 0.418 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX009212.D

Acq: 29 Apr 2019 17:09

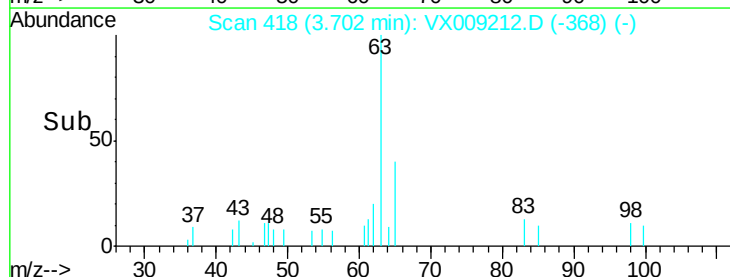
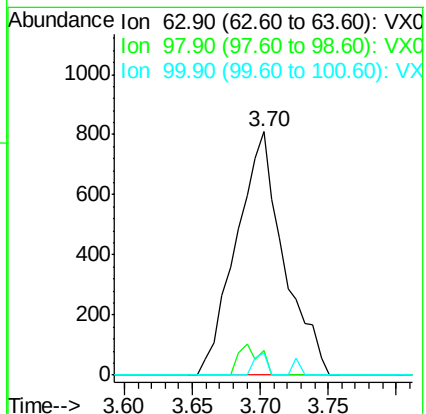
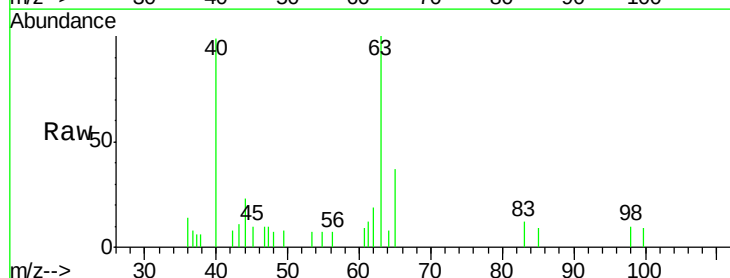
Tgt Ion: 63 Resp: 1967

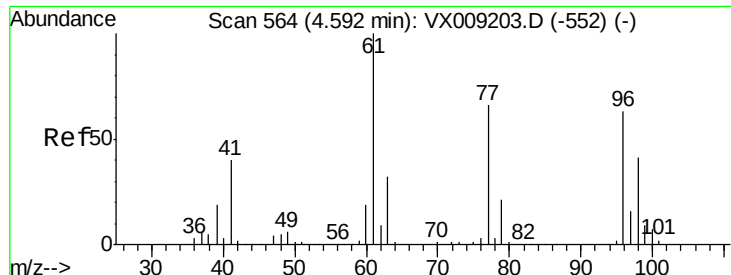
Ion Ratio Lower Upper

63 100

98 10.1 3.0 9.2#

100 9.4 2.0 6.0#



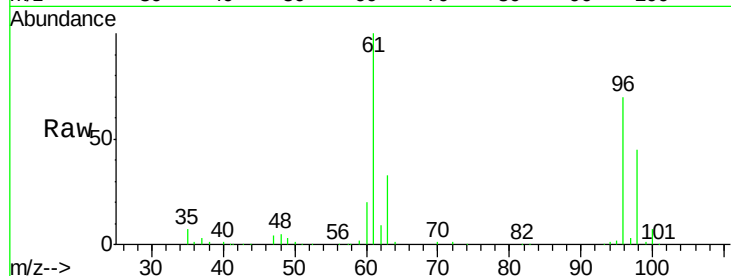


#27

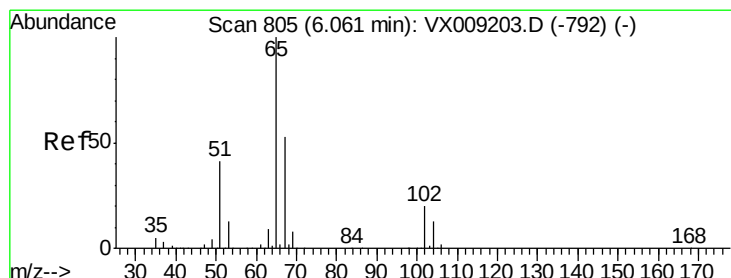
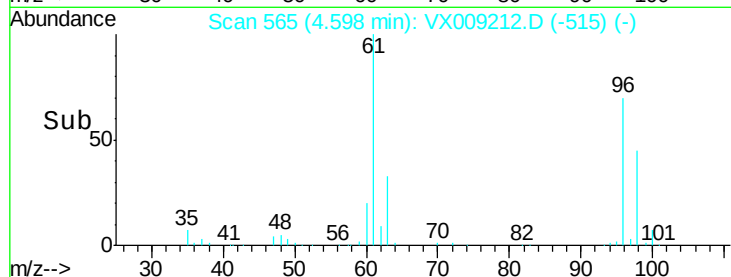
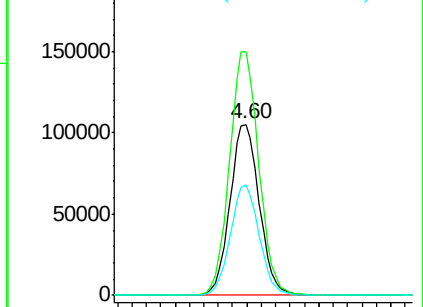
cis-1,2-Dichloroethene
Concen: 112.486 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009212.D
Acq: 29 Apr 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
WP021RW244-190423

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	324.0
98	64.0	0.0	130.4



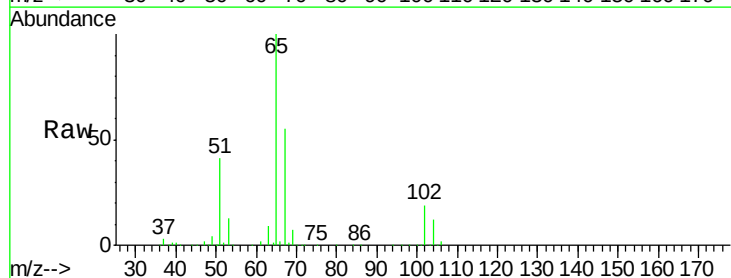
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



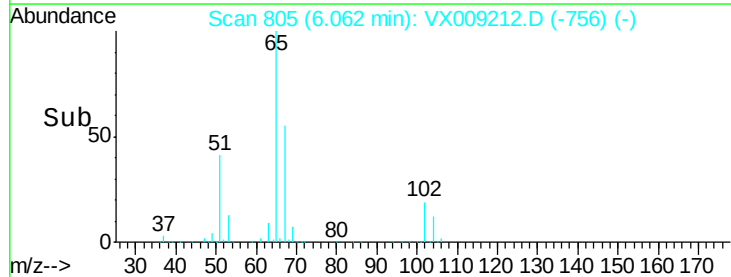
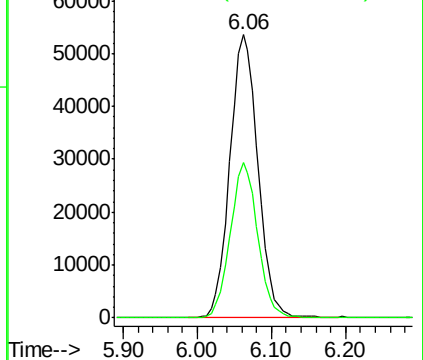
#33

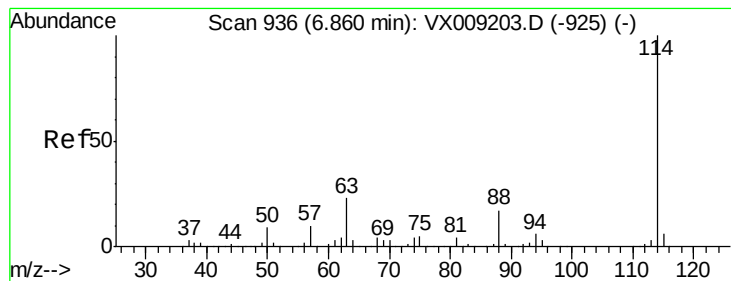
1,2-Dichloroethane-d4
Concen: 47.700 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009212.D
Acq: 29 Apr 2019 17:09

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.6



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009212.D

Acq: 29 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

WP021RW244-190423

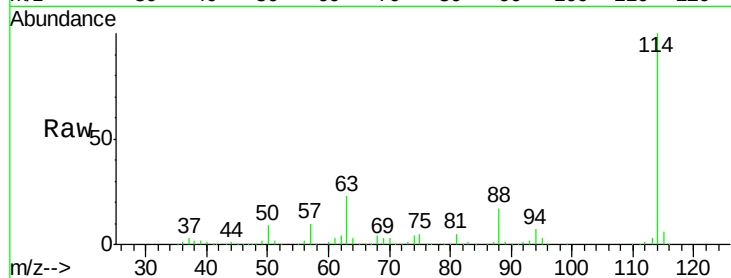
Tot Ion:114 Resp: 346187

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

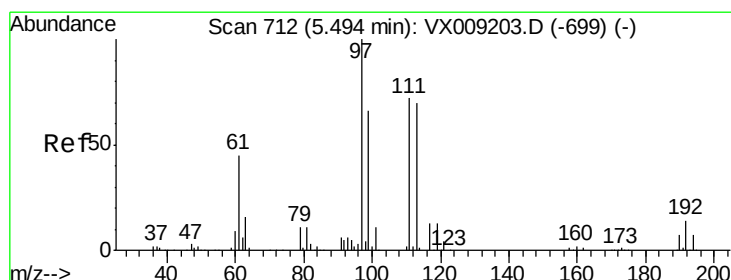
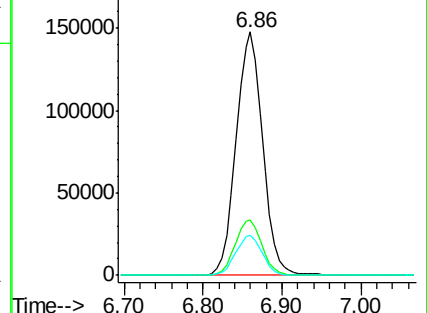
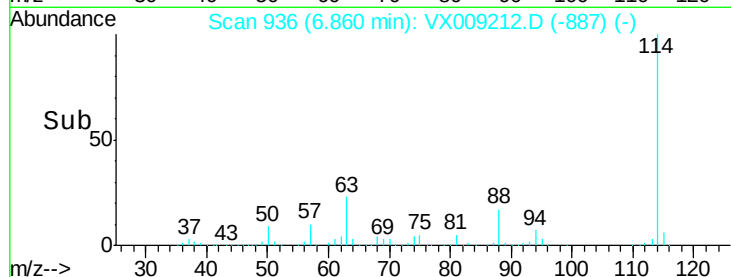
88 16.6 0.0 33.2



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: 48.249 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009212.D

Acq: 29 Apr 2019 17:09

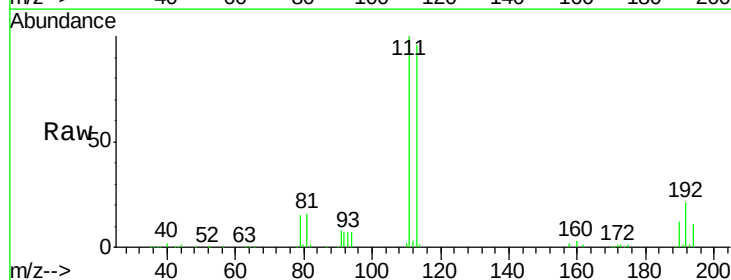
Tgt Ion:113 Resp: 105003

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

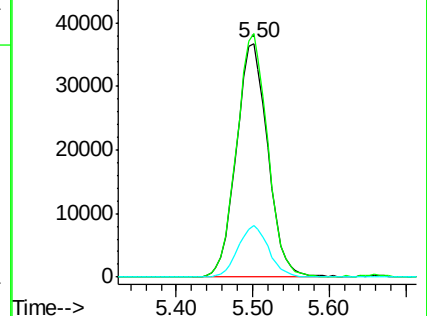
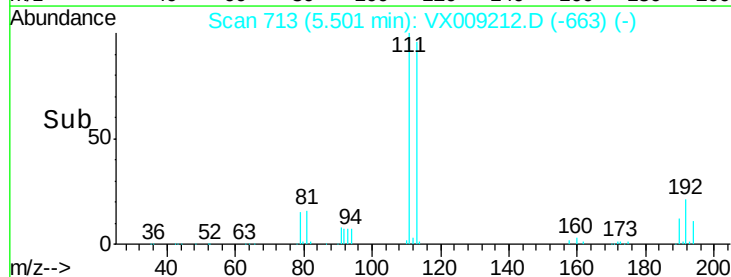
192 21.6 17.0 25.6

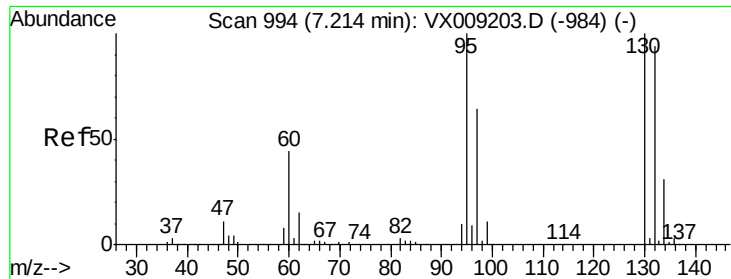


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

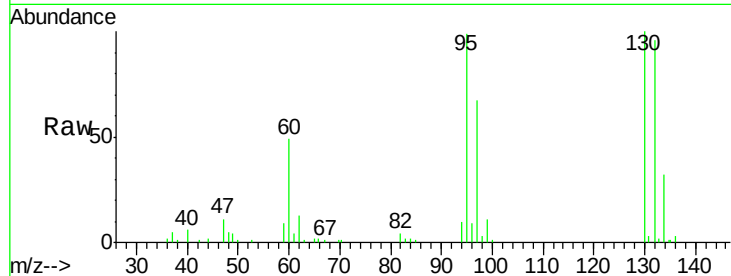




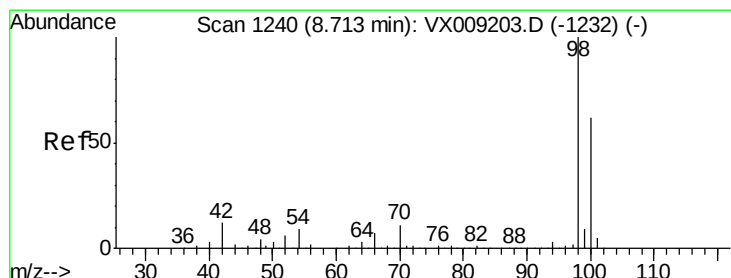
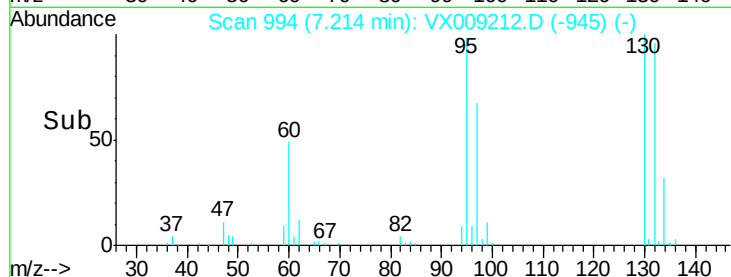
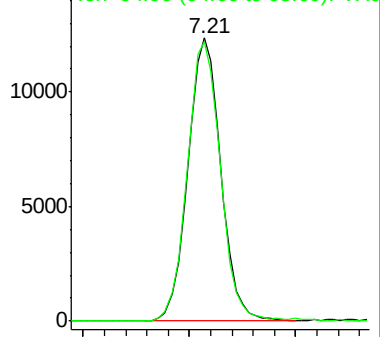
#44
 Trichloroethene
 Concen: 11.101 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009212.D
 Acq: 29 Apr 2019 17:09

Instrument :
 MSVOA_X
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Tot Ion:130 Resp: 26720
 Ion Ratio Lower Upper
 130 100
 95 98.7 0.0 199.2

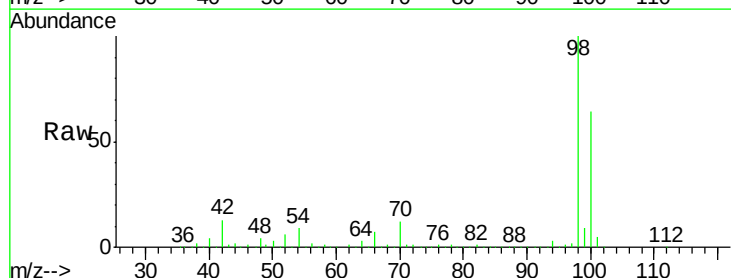


Abundance Ion 129.80 (129.50 to 130.50): V

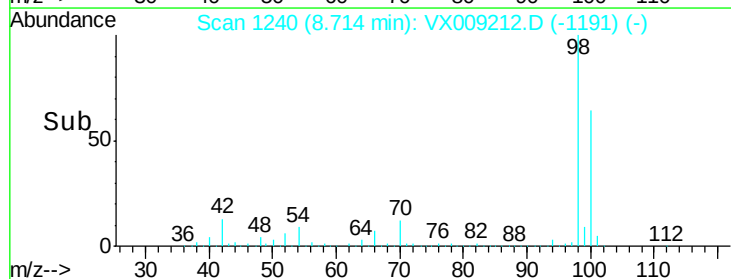
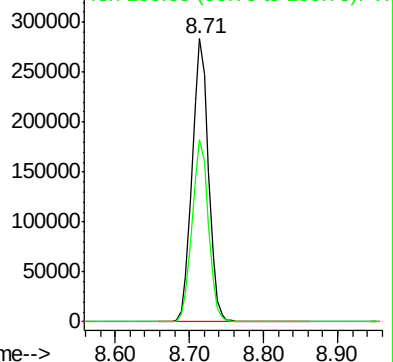


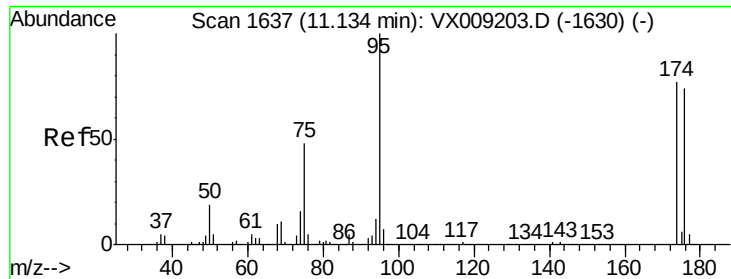
#50
 Toluene-d8
 Concen: 49.342 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009212.D
 Acq: 29 Apr 2019 17:09

Tgt Ion: 98 Resp: 433527
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.806 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009212.D

Acq: 29 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

WP021RW244-190423

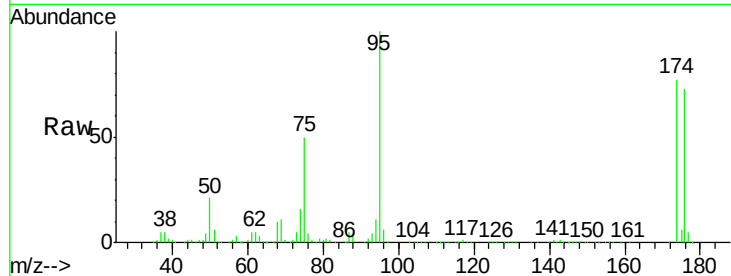
Tot Ion: 95 Resp: 146239

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

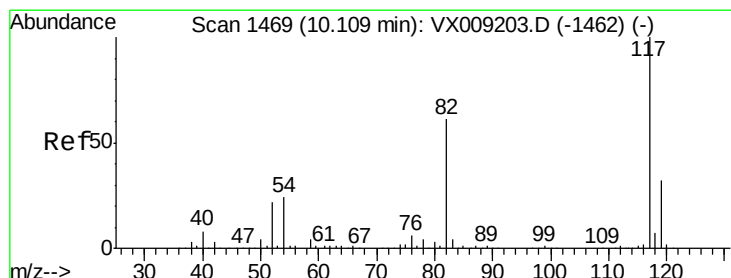
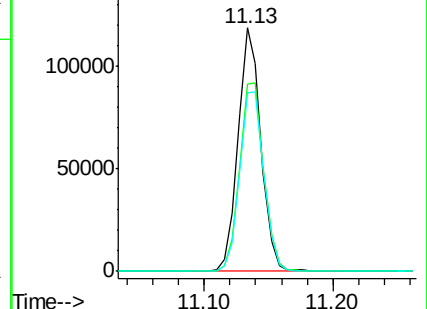
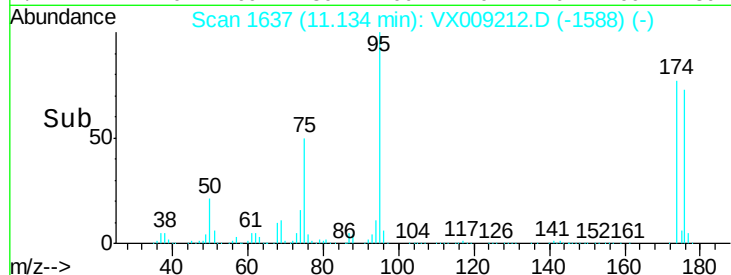
176 78.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009212.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009212.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009212.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009212.D

Acq: 29 Apr 2019 17:09

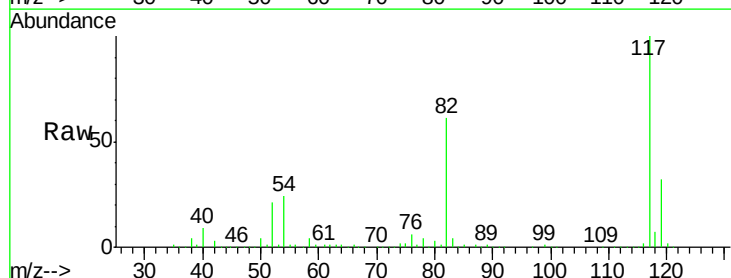
Tgt Ion: 117 Resp: 303341

Ion Ratio Lower Upper

117 100

82 61.0 48.8 73.2

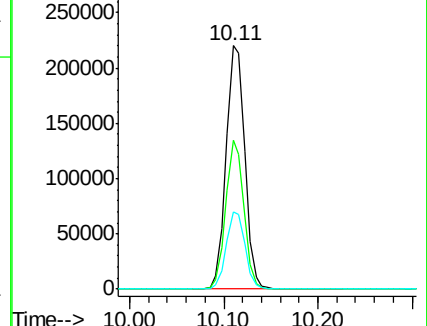
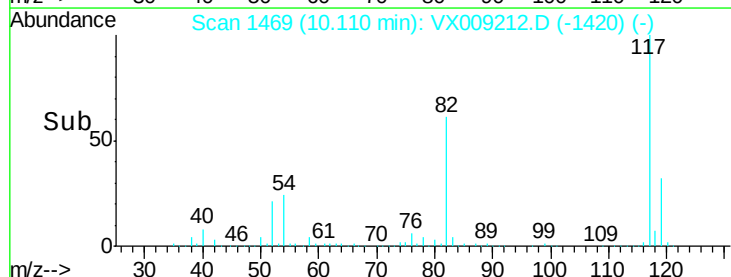
119 31.7 25.8 38.6

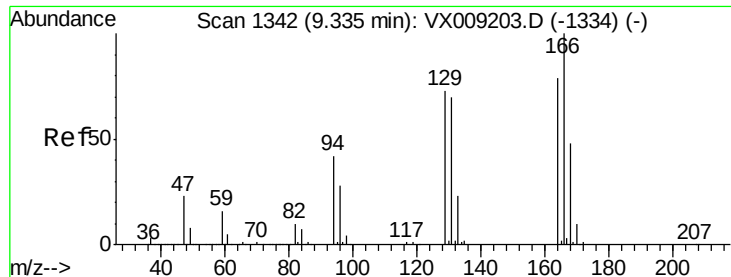


Abundance Ion 116.90 (116.60 to 117.60): VX009212.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009212.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009212.D (-1420) (-)

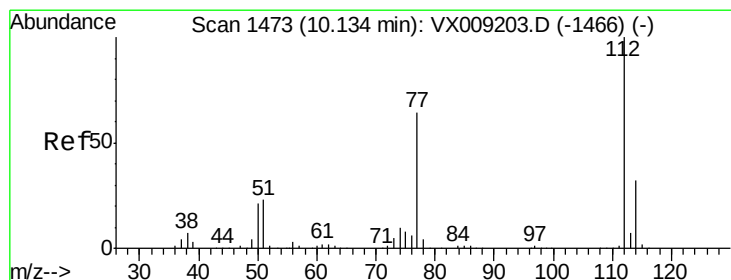
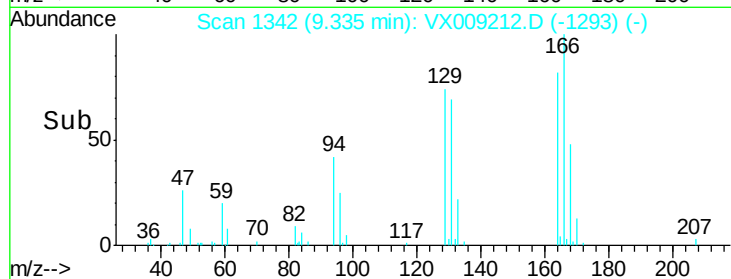
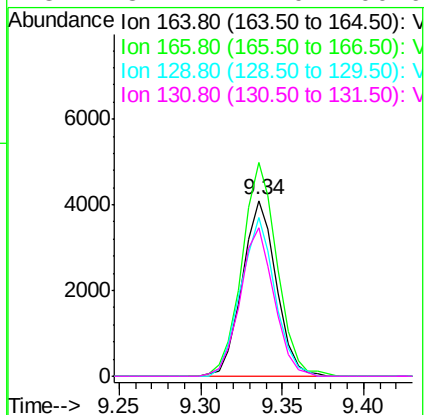
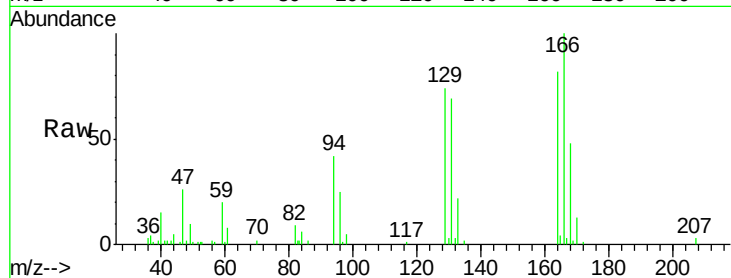




#64
Tetrachloroethene
Concen: 2.857 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009212.D
Acq: 29 Apr 2019 17:09

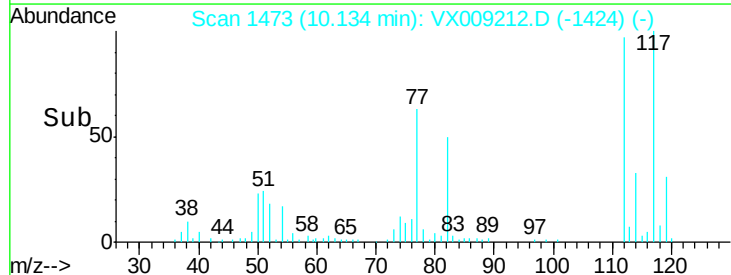
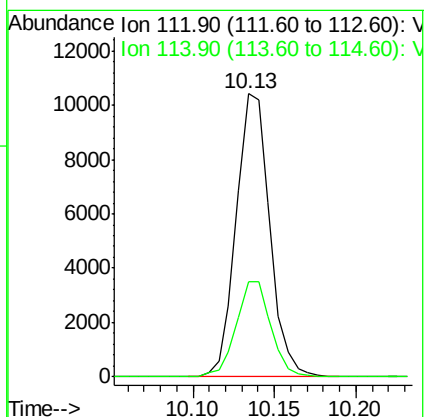
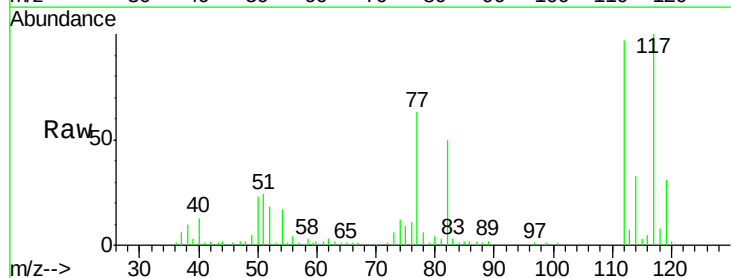
Instrument :
MSVOA_X
ClientSampleId :
WP021RW244-190423

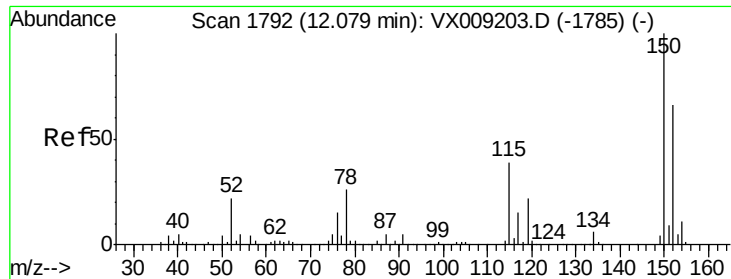
Tot Ion:164 Resp: 5945
Ion Ratio Lower Upper
164 100
166 121.4 101.2 151.8
129 90.2 74.3 111.5
131 84.2 71.0 106.6



#65
Chlorobenzene
Concen: 2.463 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009212.D
Acq: 29 Apr 2019 17:09

Tgt Ion:112 Resp: 14946
Ion Ratio Lower Upper
112 100
114 33.8 25.5 38.3

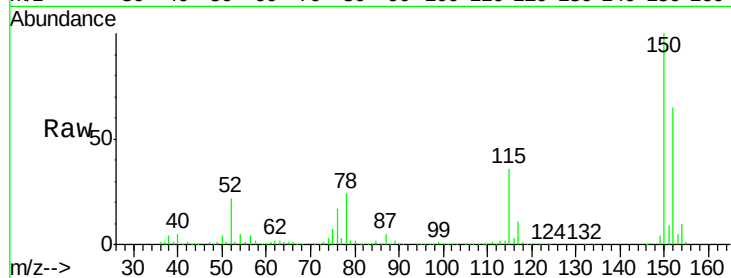




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009212.D
 Acq: 29 Apr 2019 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW244-190423

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	157.0	0.0	346.4



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

