

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008721.D
 Acq On : 06 Apr 2019 15:28
 Operator : JC/SP
 Sample : K2295-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-190403

Quant Time: Apr 08 03:53:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

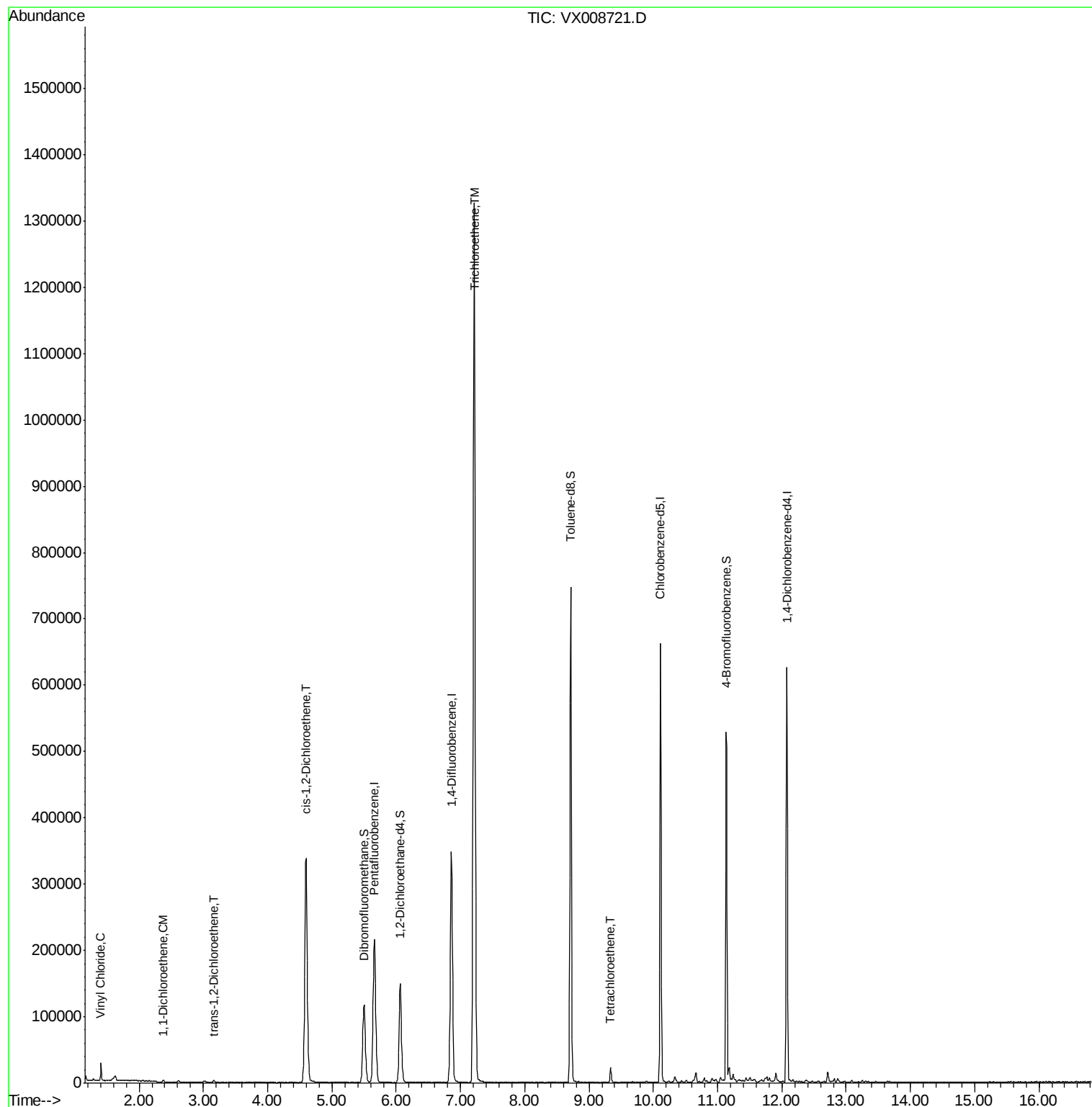
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140607	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
35) Dibromofluoromethane	5.50	113	102071	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	8.71	98	426502	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	145418	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
4) Vinyl Chloride	1.40	62	17375	5.394	ug/l	99
12) 1,1-Dichloroethene	2.37	96	1060	0.443	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	1149	0.444	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	213241	71.654	ug/l	88
44) Trichloroethene	7.21	130	497950	193.292	ug/l	99
64) Tetrachloroethene	9.34	164	4304	1.973	ug/l	95

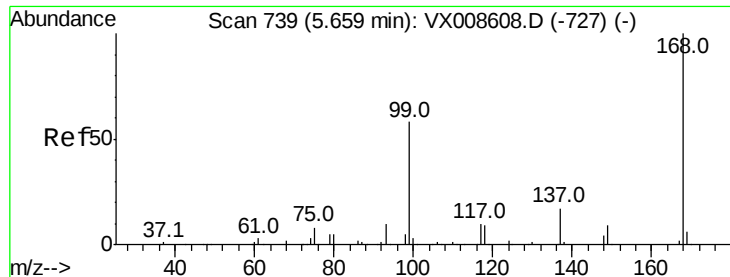
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008721.D

Acq: 06 Apr 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

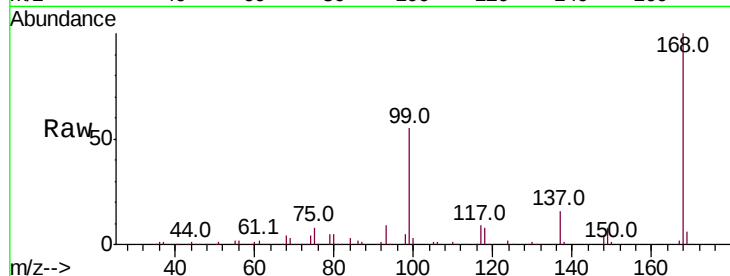
KY036MW026-190403

Tot Ion:168 Resp: 206993

Ion Ratio Lower Upper

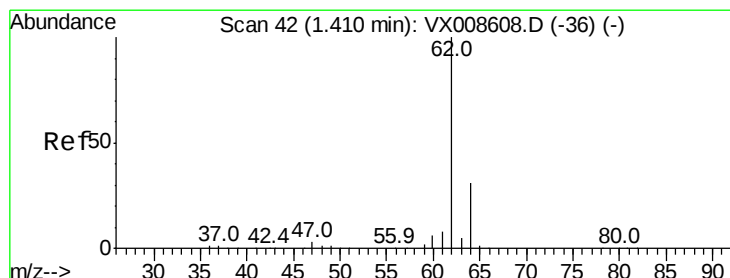
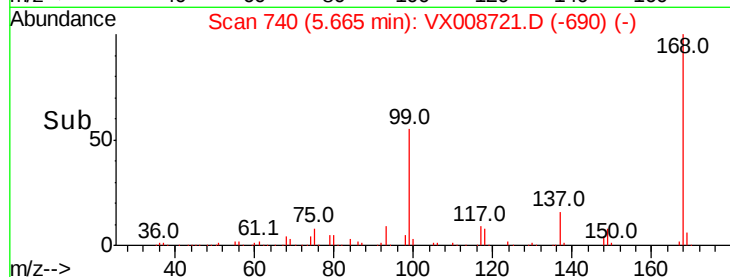
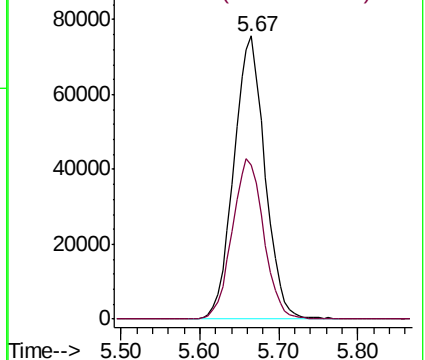
168 100

99 54.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 5.394 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008721.D

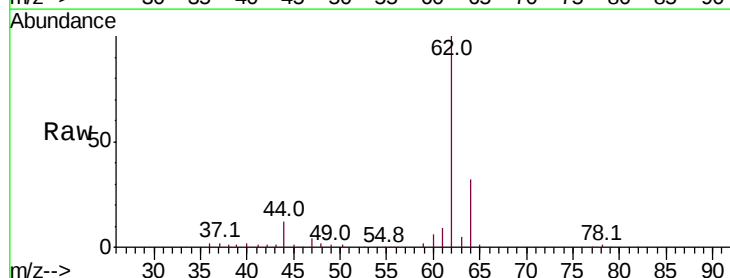
Acq: 06 Apr 2019 15:28

Tgt Ion: 62 Resp: 17375

Ion Ratio Lower Upper

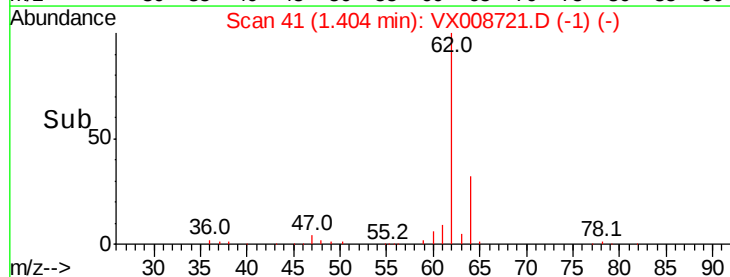
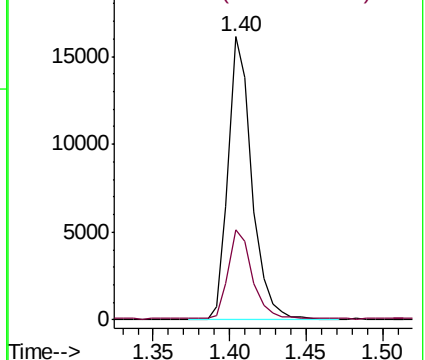
62 100

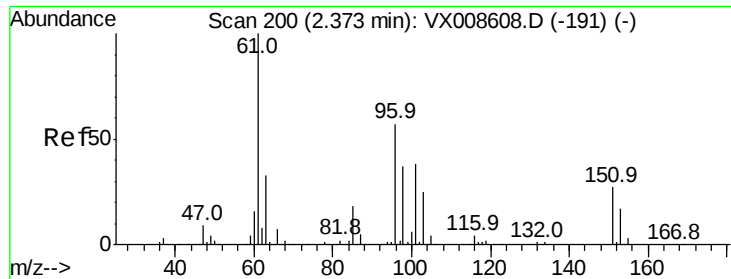
64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.443 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX008721.D

Acq: 06 Apr 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-190403

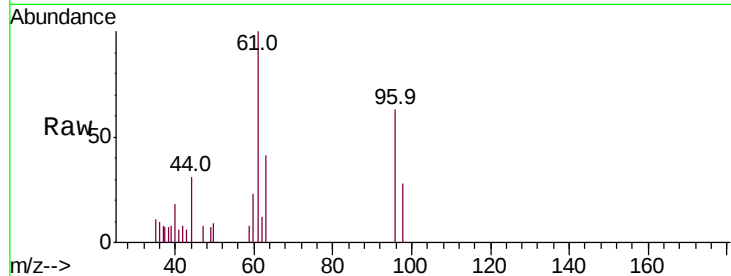
Tot Ion: 96 Resp: 1060

Ion Ratio Lower Upper

96 100

61 158.2 140.9 211.3

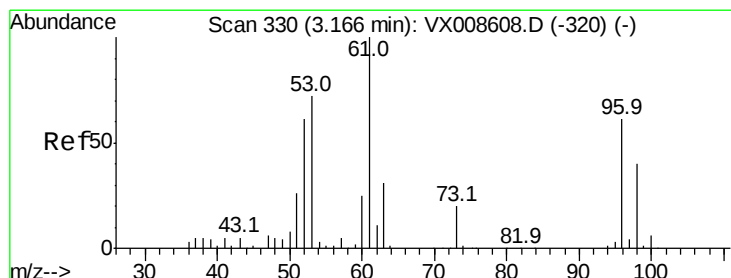
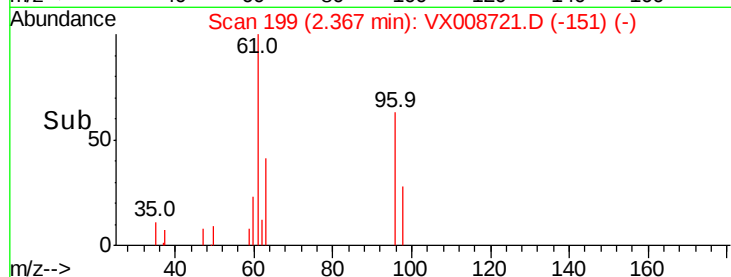
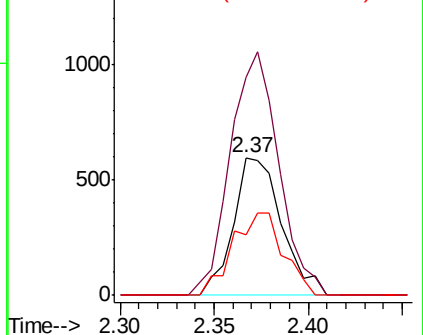
98 44.0 52.1 78.1#



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



#21

trans-1,2-Dichloroethene

Concen: 0.444 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008721.D

Acq: 06 Apr 2019 15:28

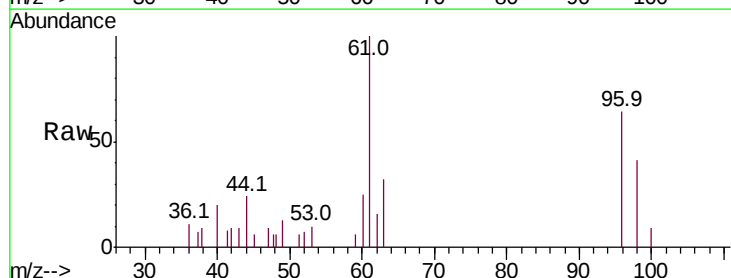
Tgt Ion: 96 Resp: 1149

Ion Ratio Lower Upper

96 100

61 157.3 132.1 198.1

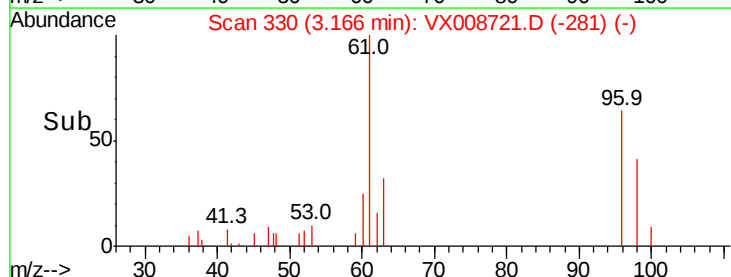
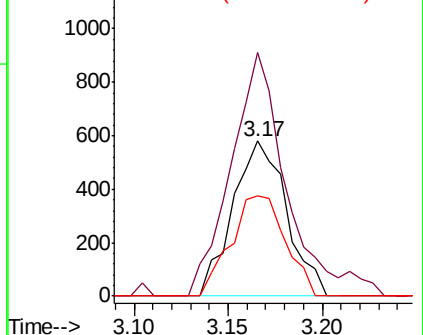
98 65.1 52.2 78.2

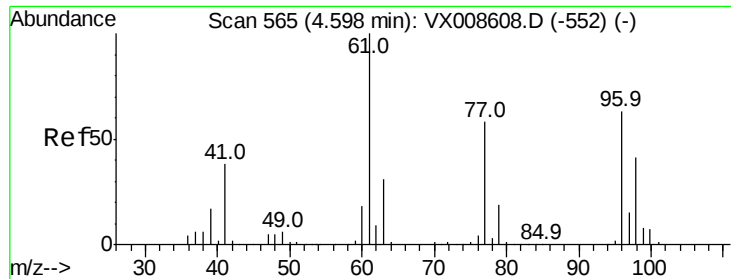


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



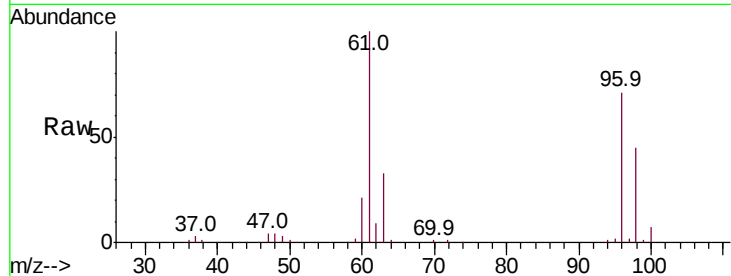


#27

cis-1,2-Dichloroethene
Concen: 71.654 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008721.D
Acq: 06 Apr 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
KY036MW026-190403

Tot Ion	96	Resp	213241
Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	327.6
98	63.9	0.0	128.6

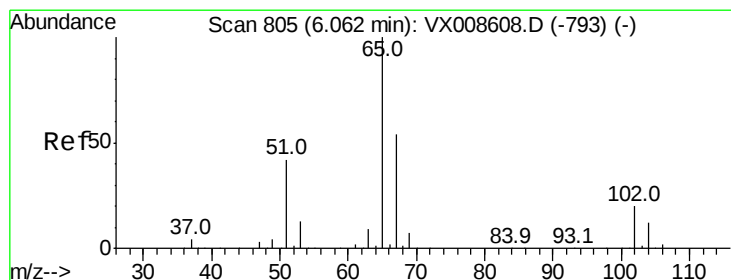
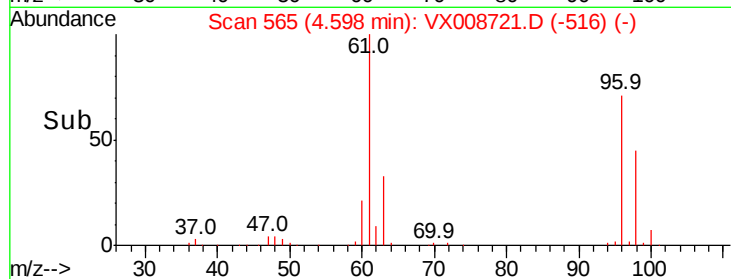
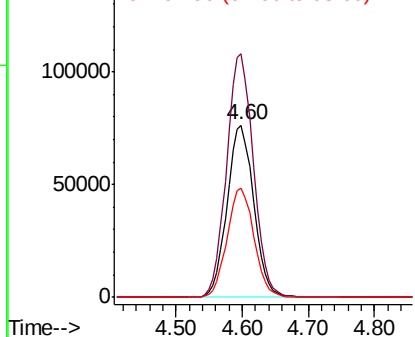


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

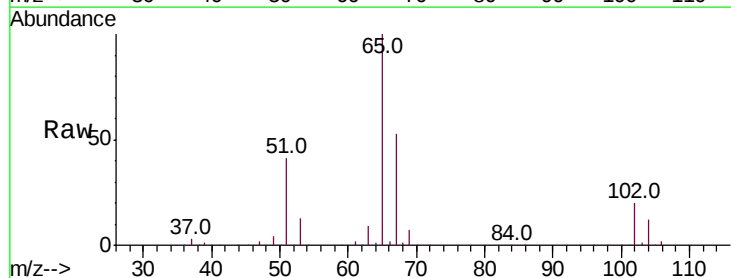
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4
Concen: 46.572 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008721.D
Acq: 06 Apr 2019 15:28

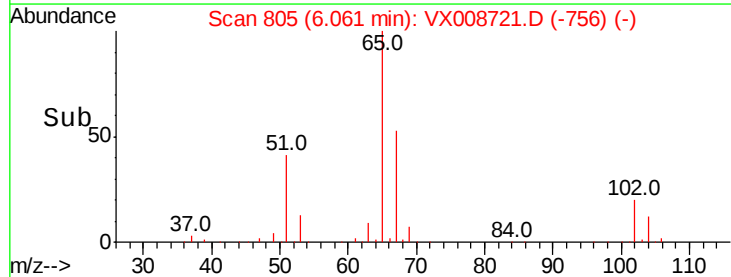
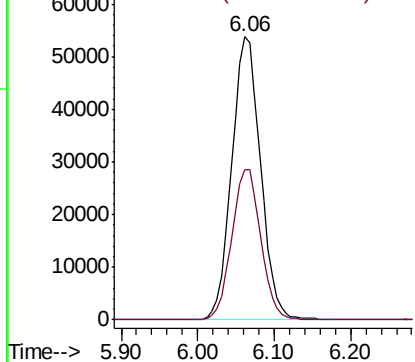
Tgt Ion	65	Resp	140607
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.2

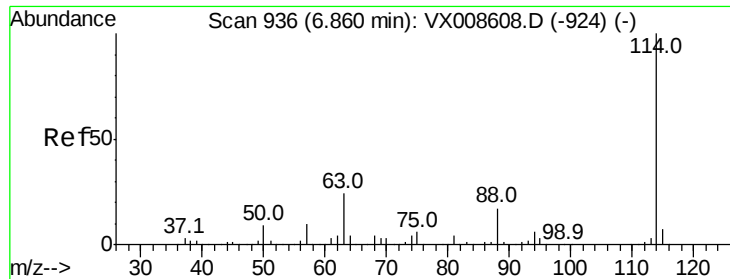


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

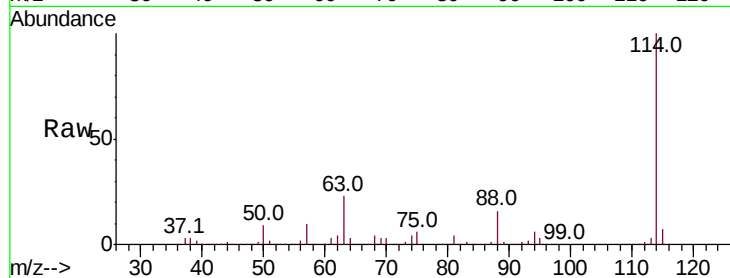




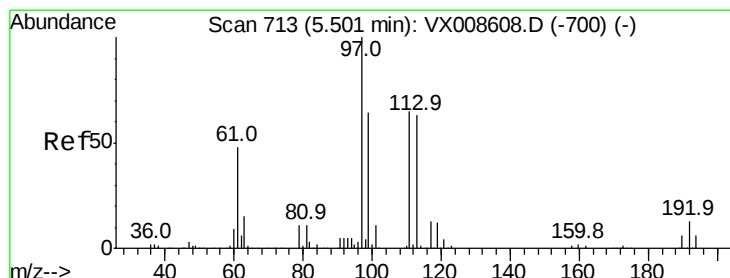
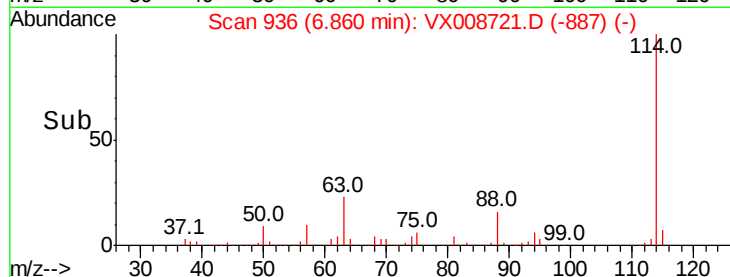
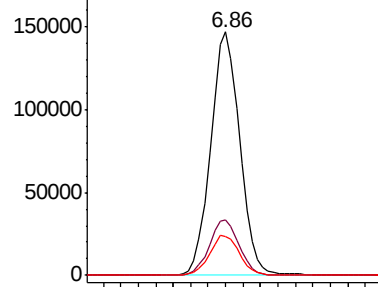
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008721.D
 Acq: 06 Apr 2019 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-190403

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.2
88	15.8	0.0	34.0

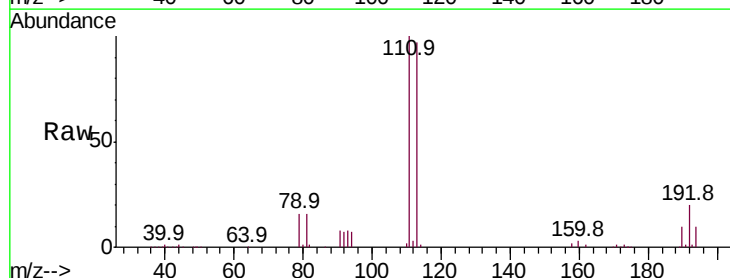


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

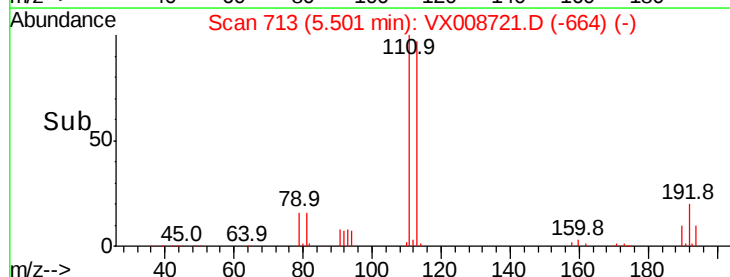
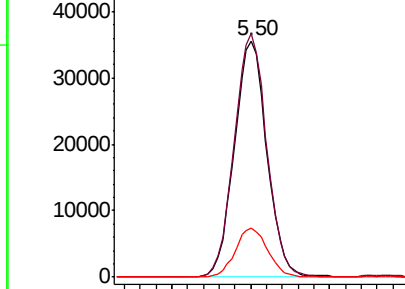


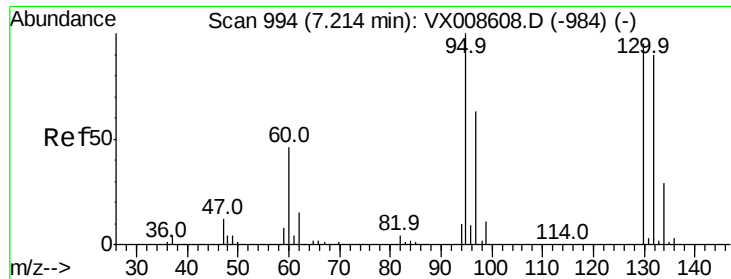
#35
 Dibromofluoromethane
 Concen: 47.002 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008721.D
 Acq: 06 Apr 2019 15:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	20.7	16.1	24.1



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

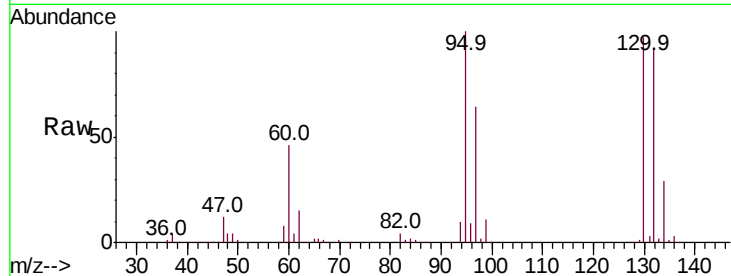




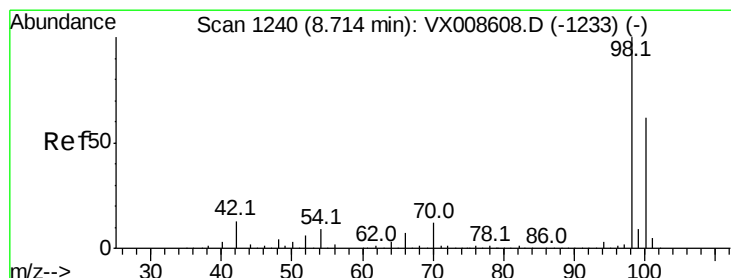
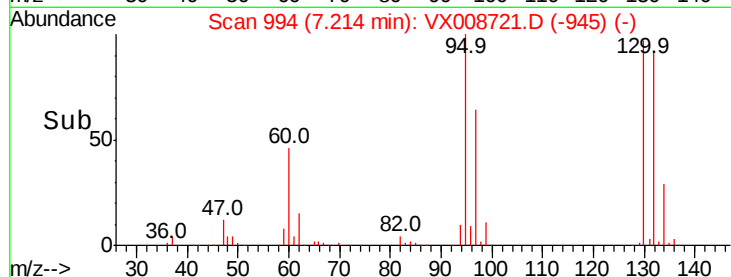
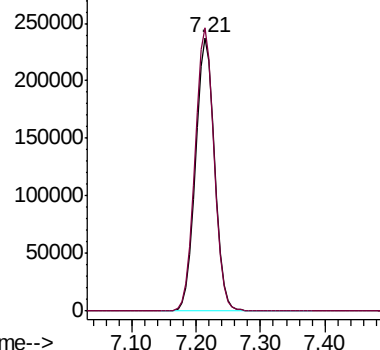
#44
 Trichloroethene
 Concen: 193.292 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008721.D
 Acq: 06 Apr 2019 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-190403

Tot Ion:130 Resp: 497950
 Ion Ratio Lower Upper
 130 100
 95 103.6 0.0 209.8

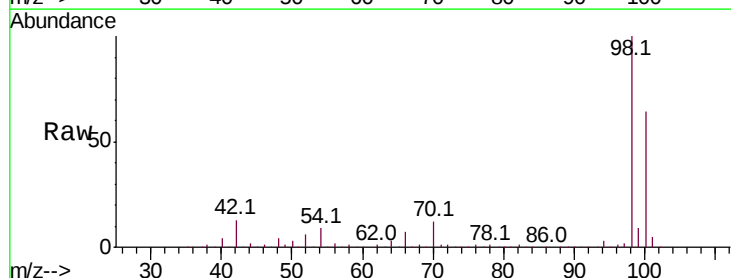


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

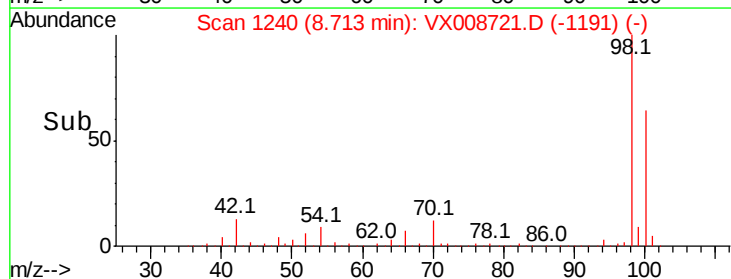
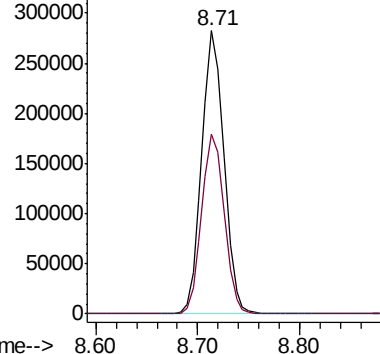


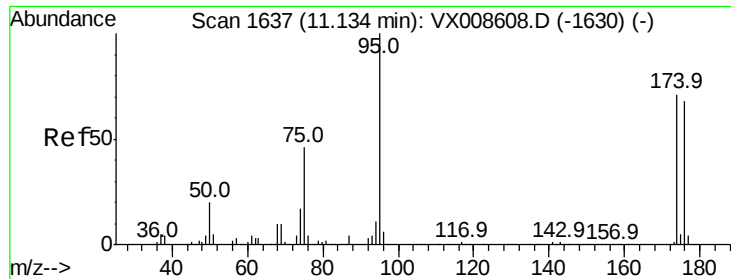
#50
 Toluene-d8
 Concen: 49.324 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008721.D
 Acq: 06 Apr 2019 15:28

Tgt Ion: 98 Resp: 426502
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.424 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008721.D

Acq: 06 Apr 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-190403

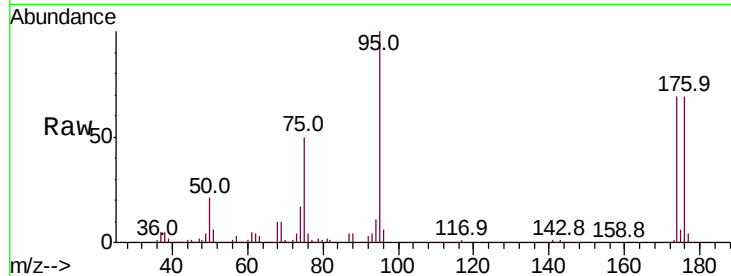
Tot Ion: 95 Resp: 145418

Ion Ratio Lower Upper

95 100

174 76.3 0.0 151.8

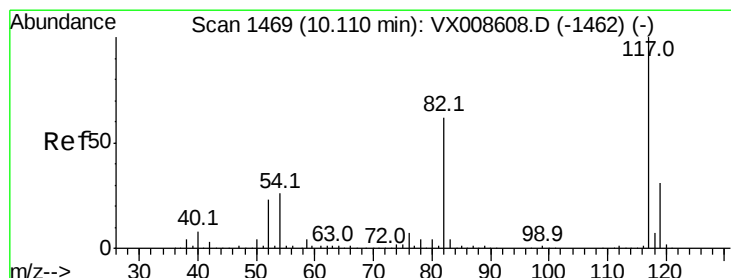
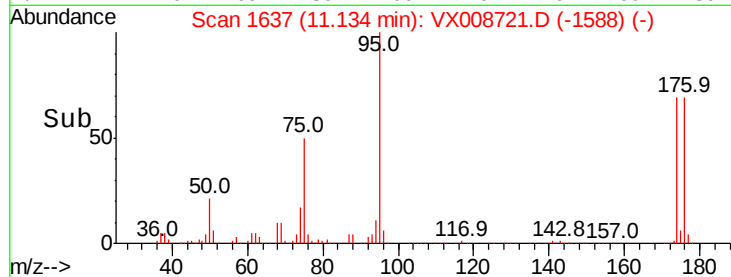
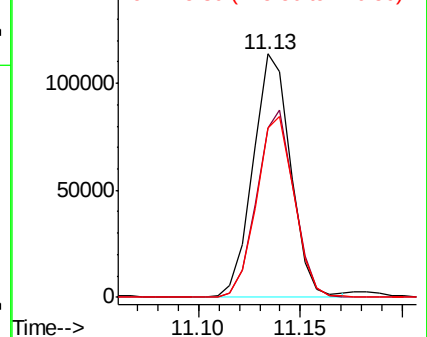
176 75.1 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008721.D

Acq: 06 Apr 2019 15:28

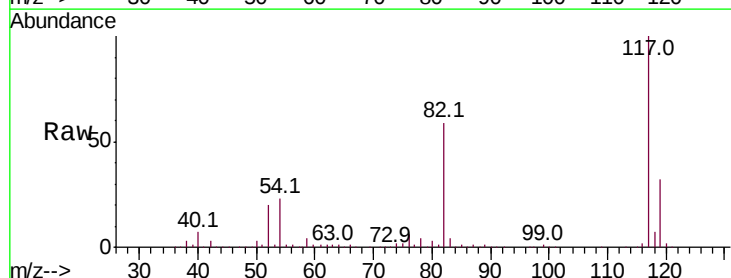
Tgt Ion: 117 Resp: 294442

Ion Ratio Lower Upper

117 100

82 58.6 49.6 74.4

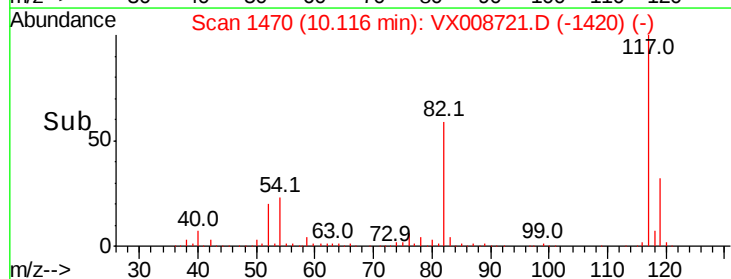
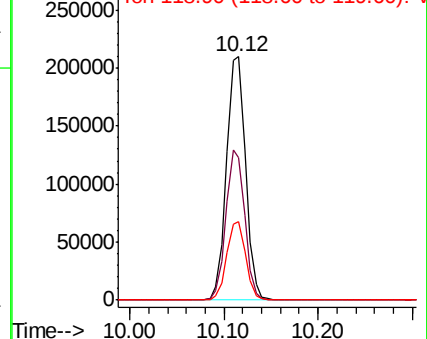
119 32.4 25.0 37.4

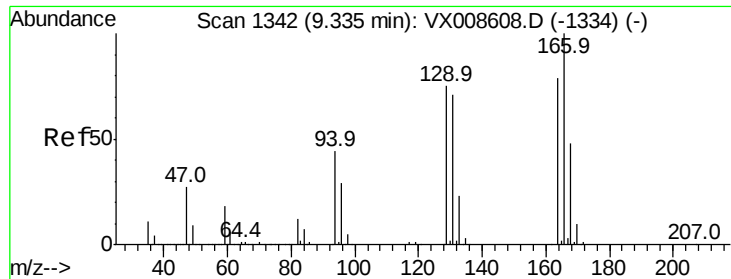


Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.D (-1462) (-)

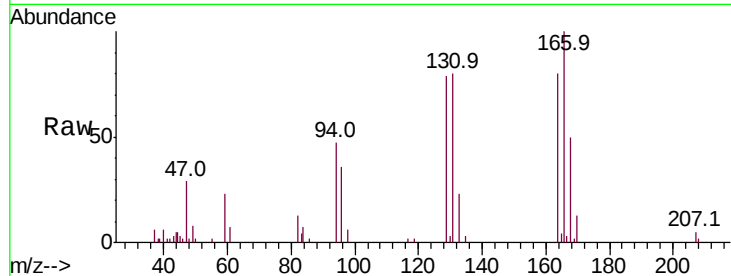




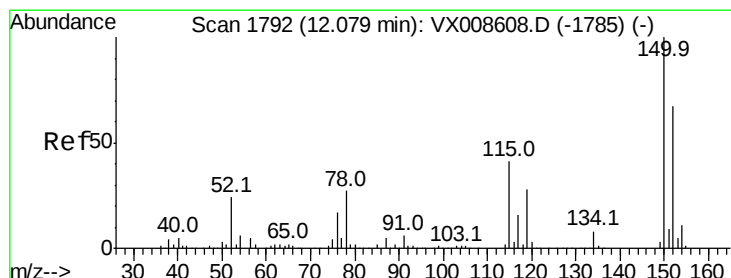
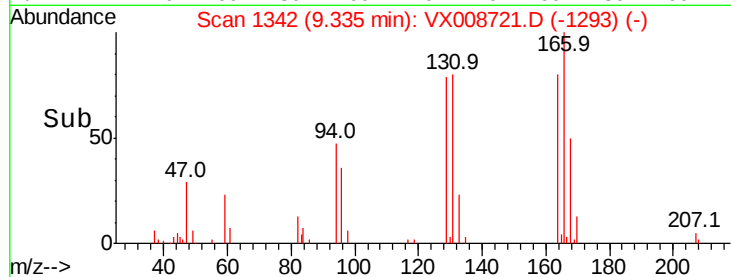
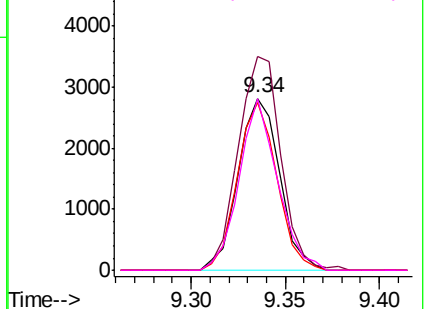
#64
Tetrachloroethene
Concen: 1.973 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008721.D
Acq: 06 Apr 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
KY036MW026-190403

Tot Ion:164 Resp: 4304
Ion Ratio Lower Upper
164 100
166 124.4 101.0 151.6
129 97.9 75.8 113.8
131 99.9 71.8 107.8

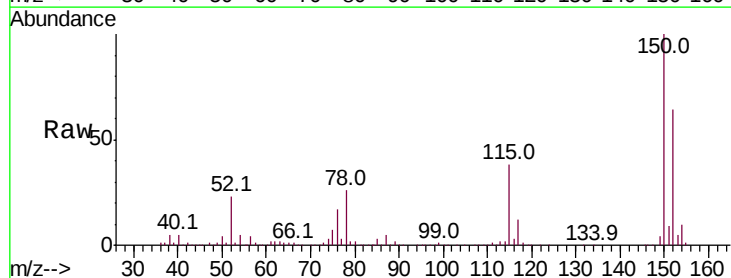


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008721.D
Acq: 06 Apr 2019 15:28

Tgt Ion:152 Resp: 124717
Ion Ratio Lower Upper
152 100
115 60.4 43.5 130.5
150 157.6 0.0 348.8



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

