

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009328.D
 Acq On : 03 May 2019 22:30
 Operator : JC/SP
 Sample : K2687-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052OW377-190502

Quant Time: May 04 06:48:35 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

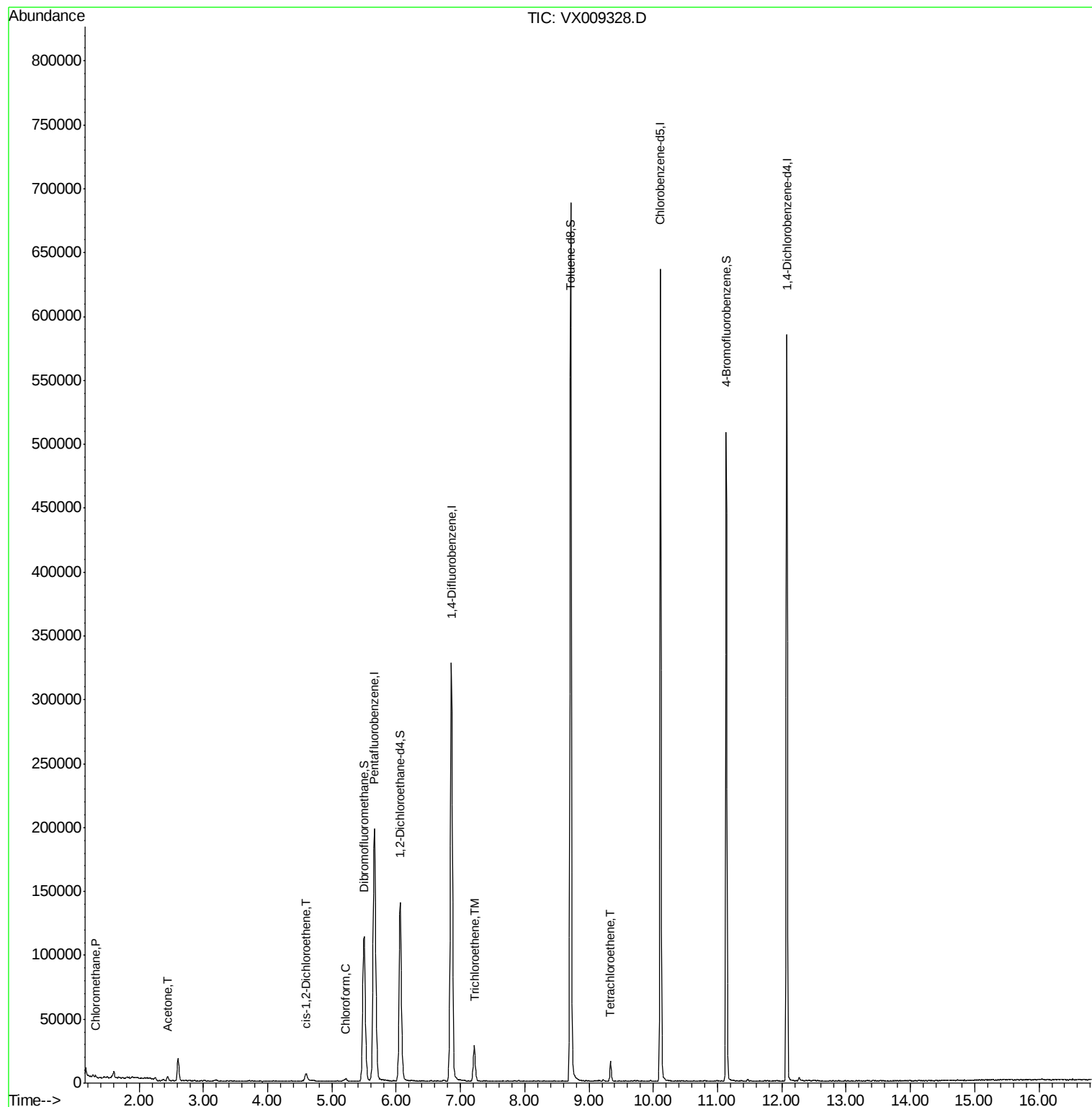
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	132794	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	5.50	113	98456	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	398810	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	133587	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	1226	0.493	ug/l #	80
16) Acetone	2.45	43	4390	3.031	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	3906	1.628	ug/l	87
30) Chloroform	5.22	83	2065	0.533	ug/l	95
44) Trichloroethene	7.21	130	10797	4.845	ug/l	89
64) Tetrachloroethene	9.34	164	3226	1.677	ug/l	98

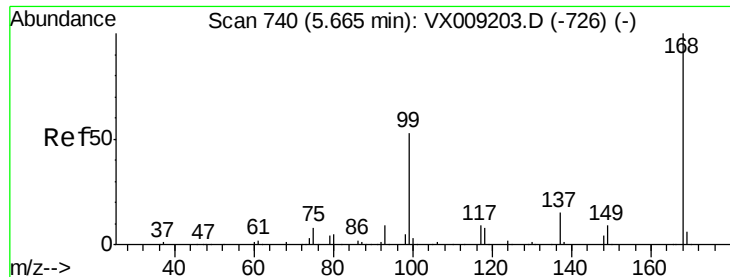
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009328.D

Acq: 03 May 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

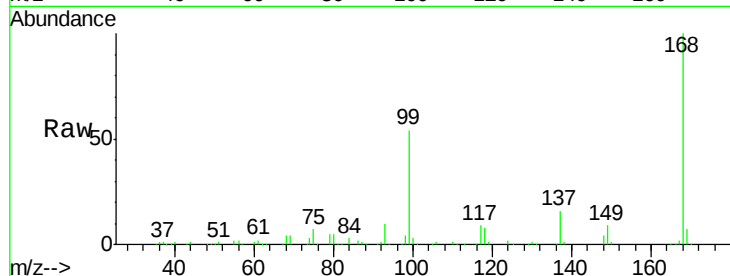
SS052OW377-190502

Tot Ion:168 Resp: 197576

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

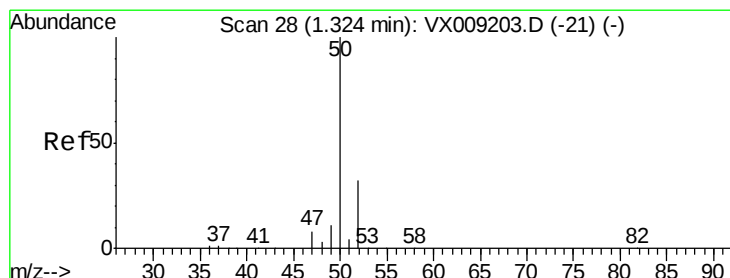
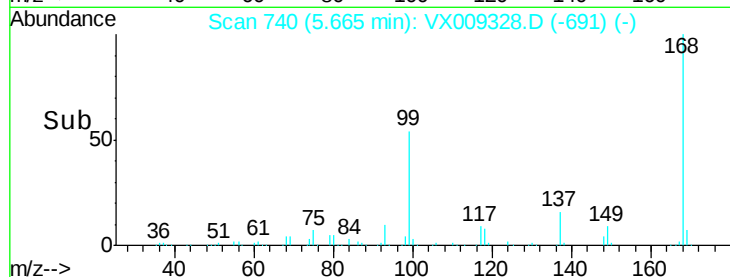
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.493 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009328.D

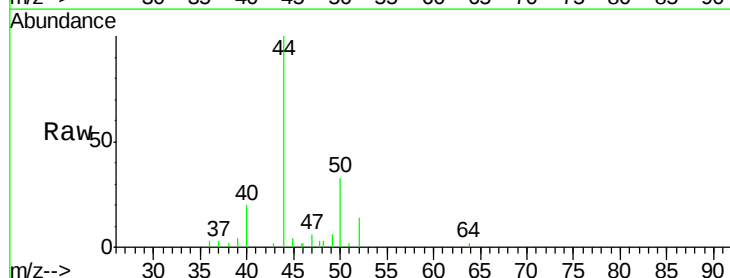
Acq: 03 May 2019 22:30

Tgt Ion: 50 Resp: 1226

Ion Ratio Lower Upper

50 100

52 43.8 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

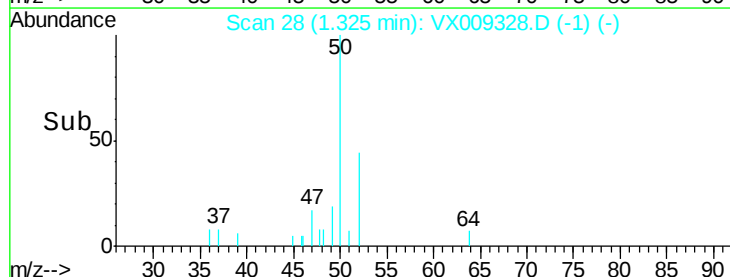
600

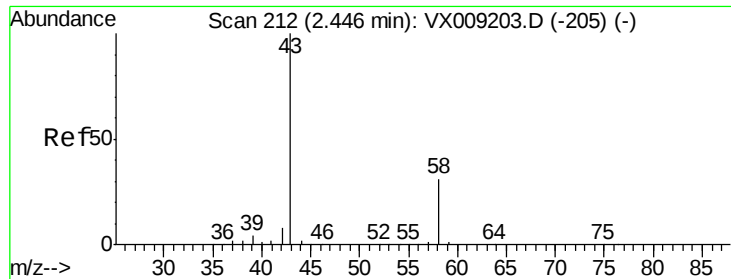
400

200

0

Time--> 1.30 1.35





#16

Acetone

Concen: 3.031 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009328.D

Acq: 03 May 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

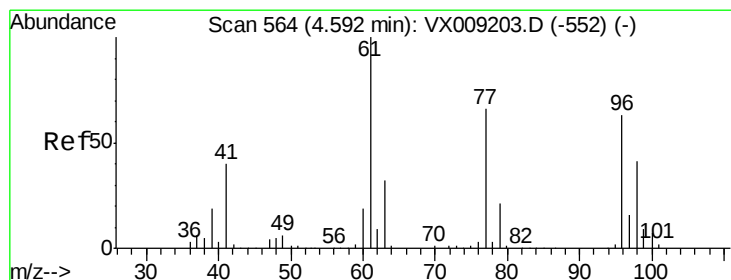
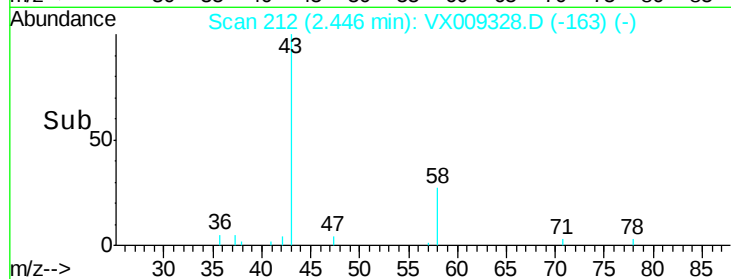
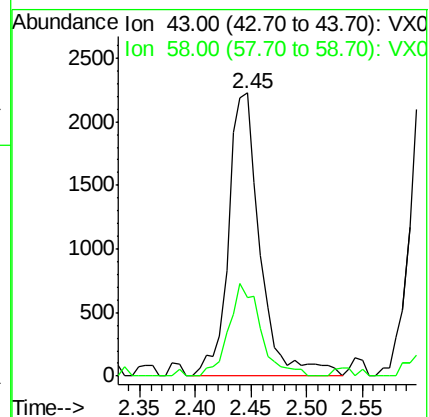
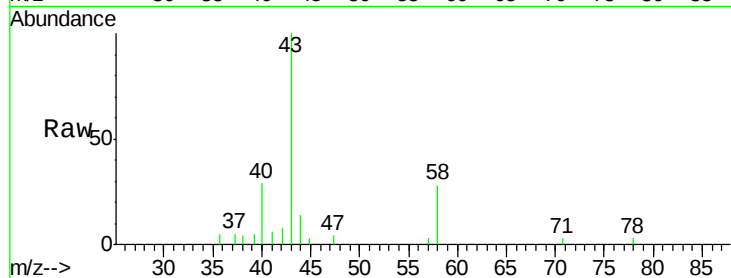
SS052OW377-190502

Tot Ion: 43 Resp: 4390

Ion Ratio Lower Upper

43 100

58 27.8 24.9 37.3



#27

cis-1,2-Dichloroethene

Concen: 1.628 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009328.D

Acq: 03 May 2019 22:30

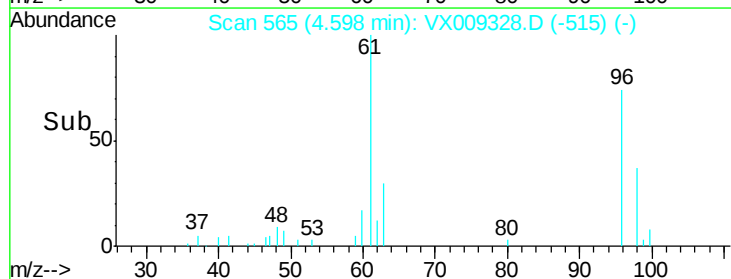
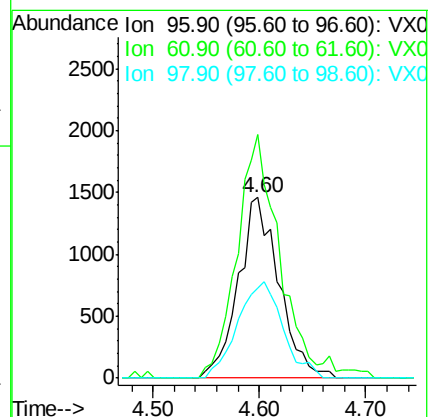
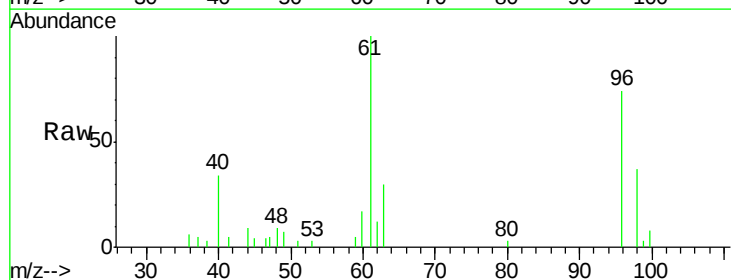
Tgt Ion: 96 Resp: 3906

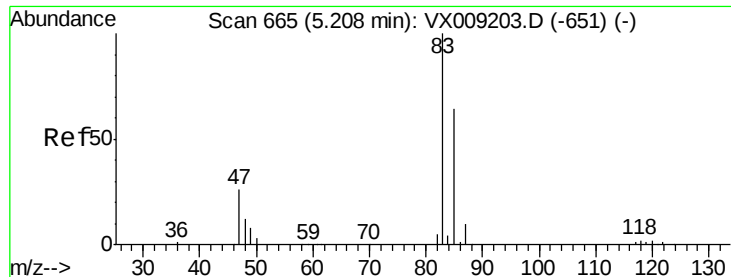
Ion Ratio Lower Upper

96 100

61 141.6 0.0 324.0

98 58.9 0.0 130.4

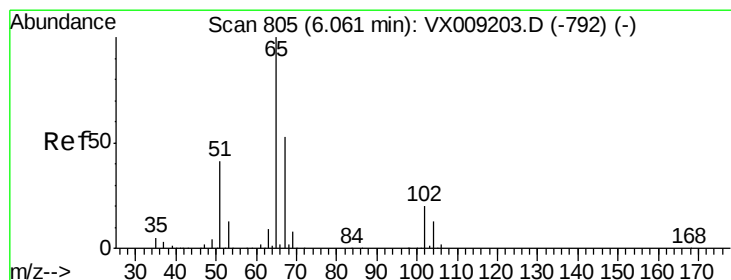
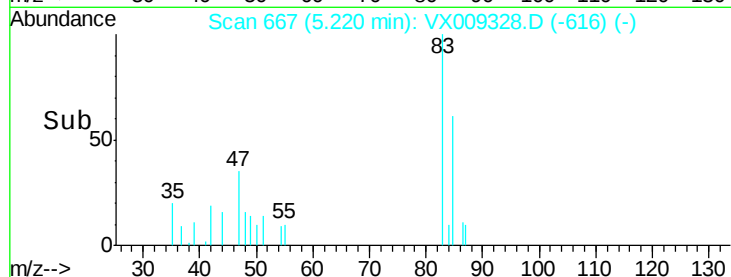
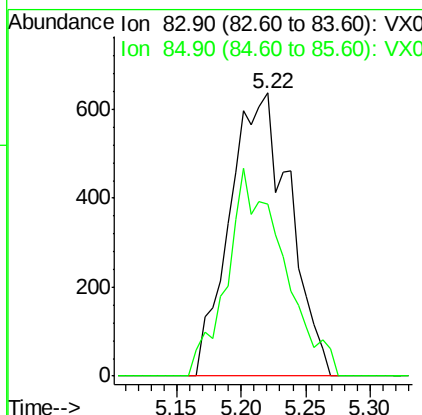
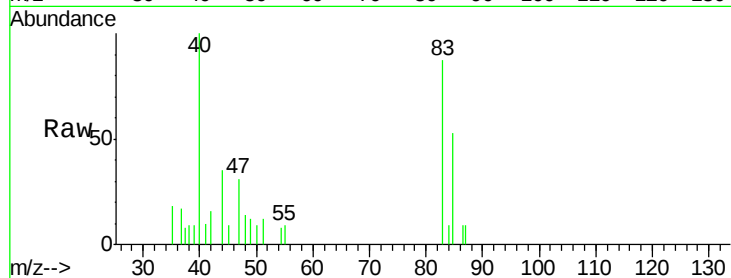




#30
Chloroform
Concen: 0.533 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009328.D
Acq: 03 May 2019 22:30

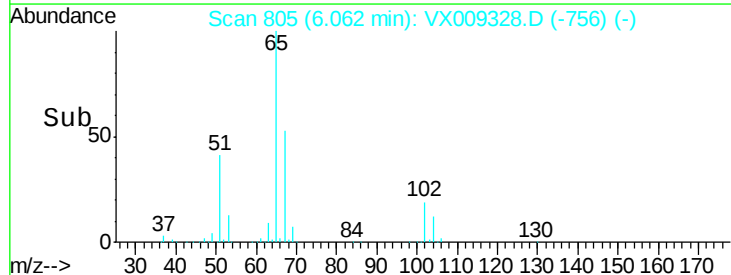
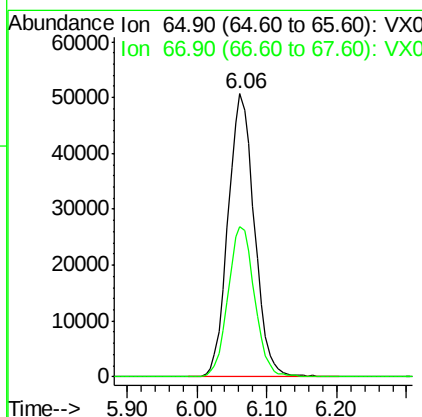
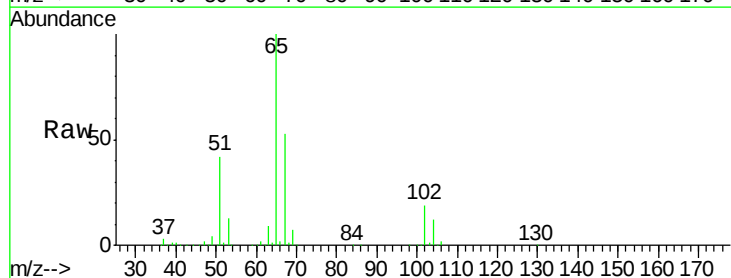
Instrument :
MSVOA_X
ClientSampleId :
SS052OW377-190502

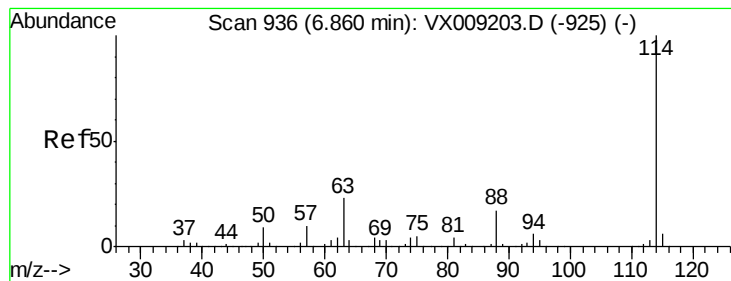
Tot Ion: 83 Resp: 2065
Ion Ratio Lower Upper
83 100
85 60.8 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 49.235 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009328.D
Acq: 03 May 2019 22:30

Tgt Ion: 65 Resp: 132794
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009328.D

Acq: 03 May 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

SS052OW377-190502

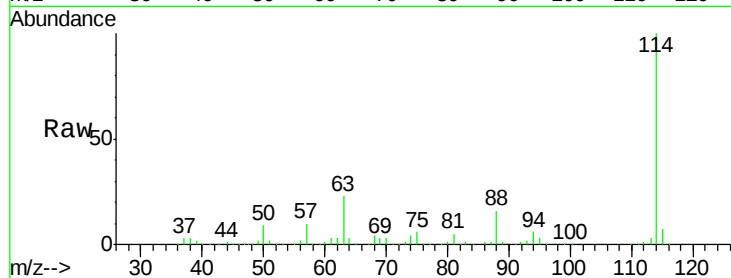
Tot Ion:114 Resp: 320531

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

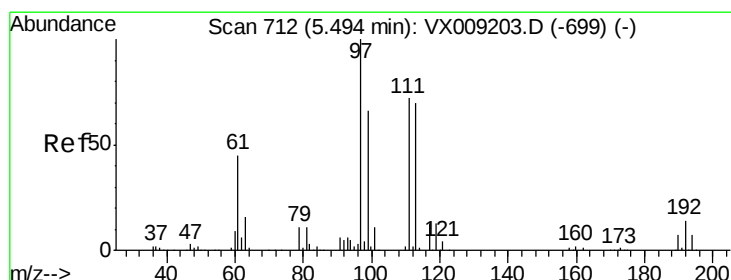
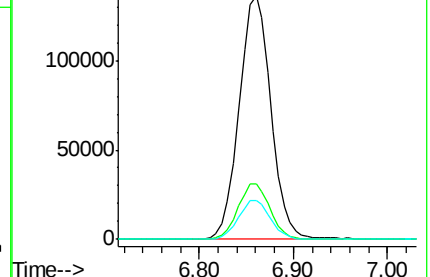
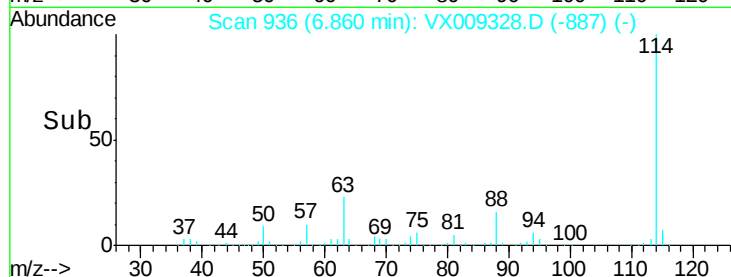
88 16.1 0.0 33.2



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: 48.862 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009328.D

Acq: 03 May 2019 22:30

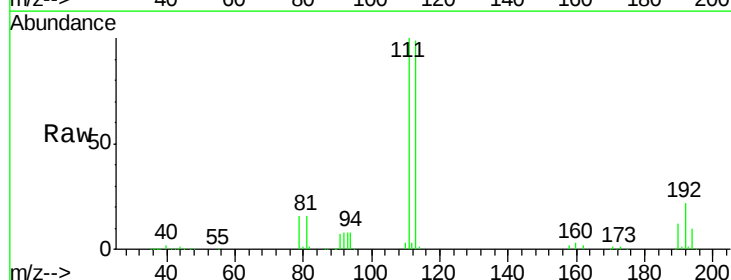
Tgt Ion:113 Resp: 98456

Ion Ratio Lower Upper

113 100

111 101.2 82.8 124.2

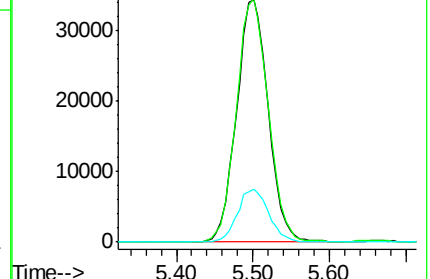
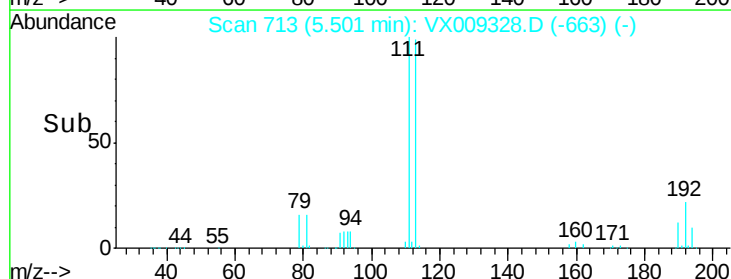
192 21.6 17.0 25.6

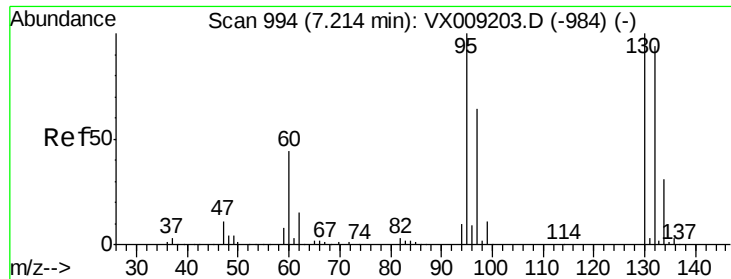


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.845 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009328.D

Acq: 03 May 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

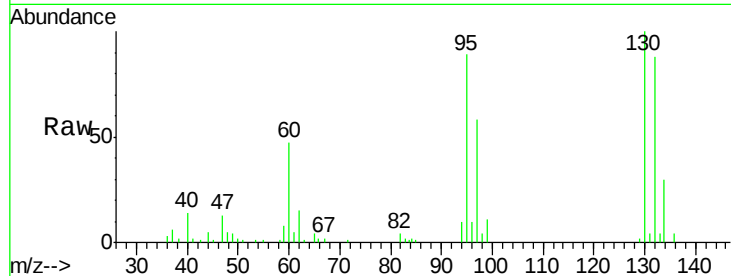
SS052OW377-190502

Tot Ion:130 Resp: 10797

Ion Ratio Lower Upper

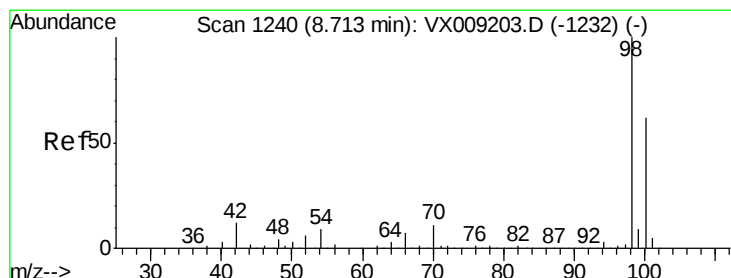
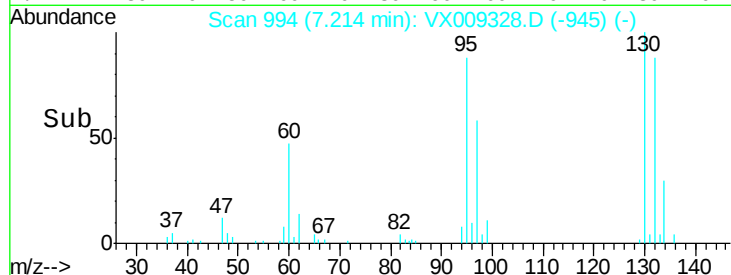
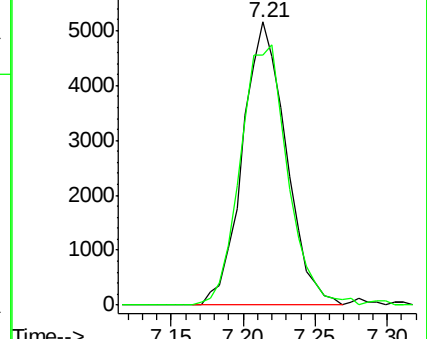
130 100

95 88.6 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.024 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009328.D

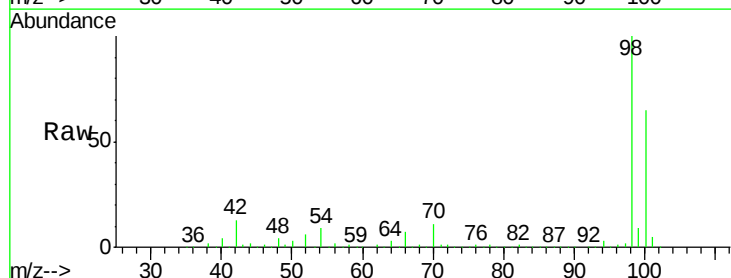
Acq: 03 May 2019 22:30

Tgt Ion: 98 Resp: 398810

Ion Ratio Lower Upper

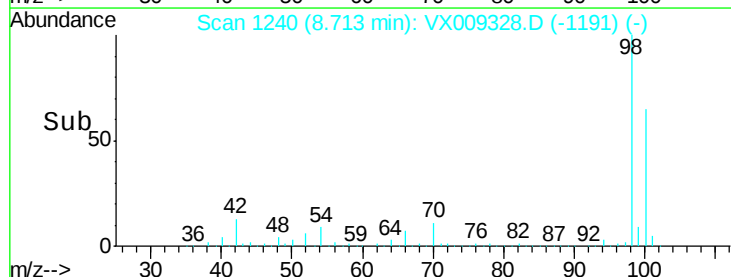
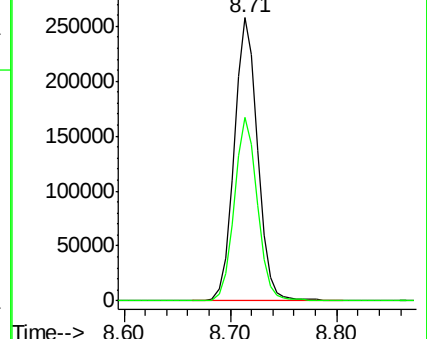
98 100

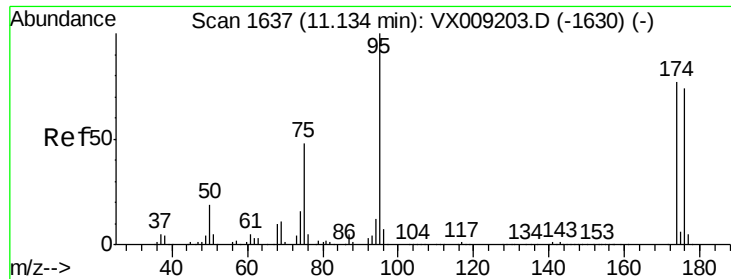
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.193 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009328.D

Acq: 03 May 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

SS052OW377-190502

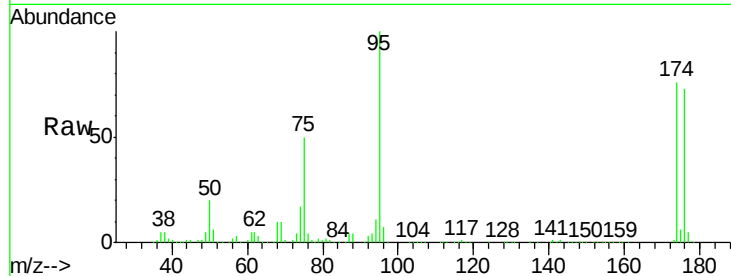
Tot Ion: 95 Resp: 133587

Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.6

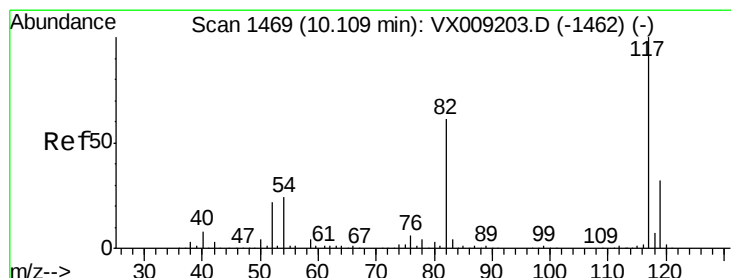
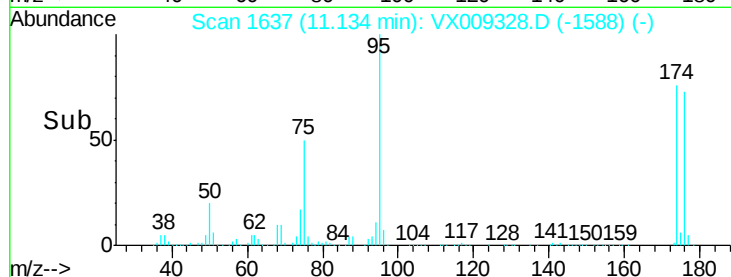
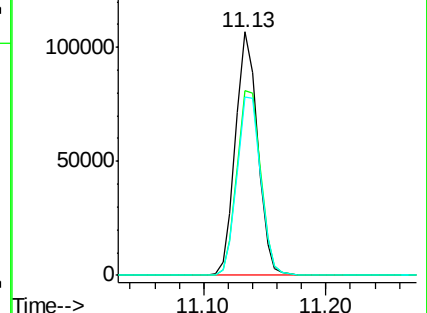
176 78.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009328.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009328.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009328.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009328.D

Acq: 03 May 2019 22:30

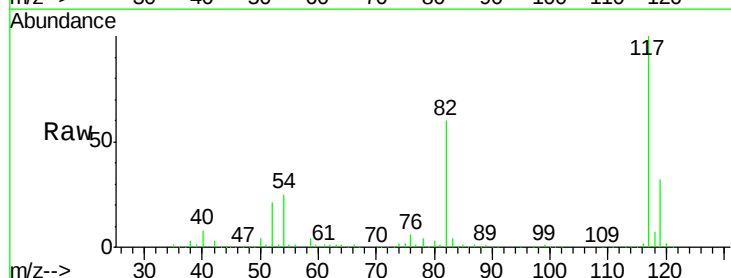
Tgt Ion: 117 Resp: 280489

Ion Ratio Lower Upper

117 100

82 60.3 48.8 73.2

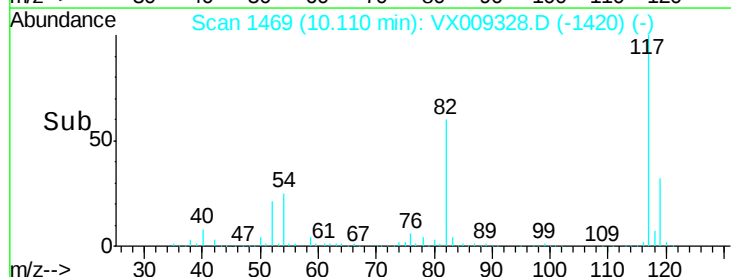
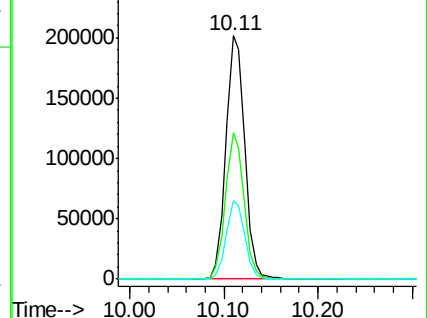
119 32.0 25.8 38.6

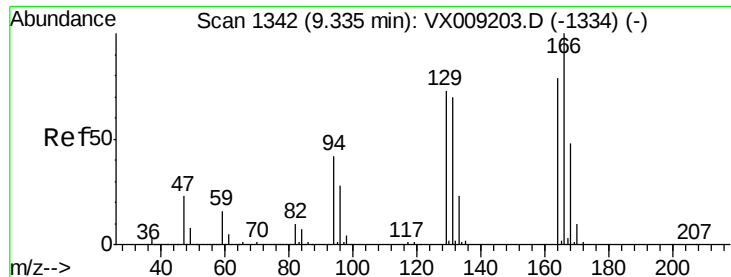


Abundance Ion 116.90 (116.60 to 117.60): VX009328.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009328.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009328.D (-1420) (-)

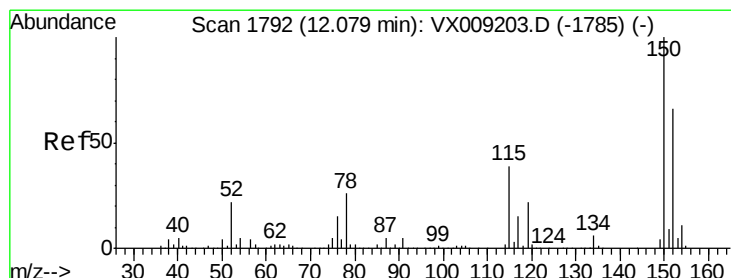
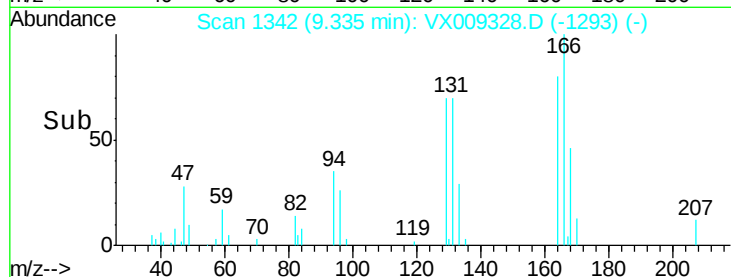
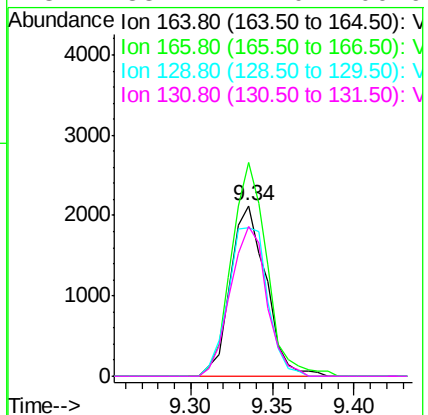
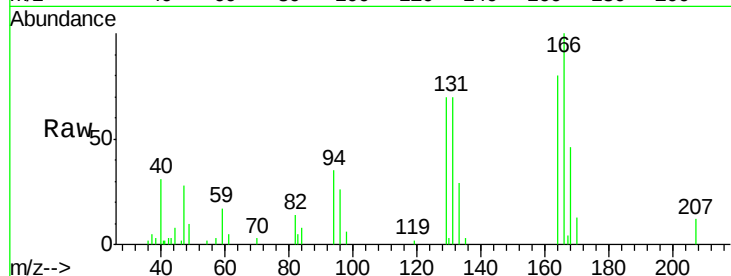




#64
Tetrachloroethene
Concen: 1.677 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009328.D
Acq: 03 May 2019 22:30

Instrument :
MSVOA_X
ClientSampleId :
SS052OW377-190502

Tot Ion:164 Resp: 3226
Ion Ratio Lower Upper
164 100
166 125.2 101.2 151.8
129 87.1 74.3 111.5
131 88.1 71.0 106.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009328.D
Acq: 03 May 2019 22:30

Tgt Ion:152 Resp: 120537
Ion Ratio Lower Upper
152 100
115 58.7 41.2 123.6
150 156.4 0.0 346.4

