

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009871.D
 Acq On : 23 May 2019 20:12
 Operator : JC/SP
 Sample : K3000-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0155

Quant Time: May 24 05:19:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	183738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117475	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	125129	49.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.78%	
35) Dibromofluoromethane	5.50	113	88931	48.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	373543	50.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	128969	47.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.34%	

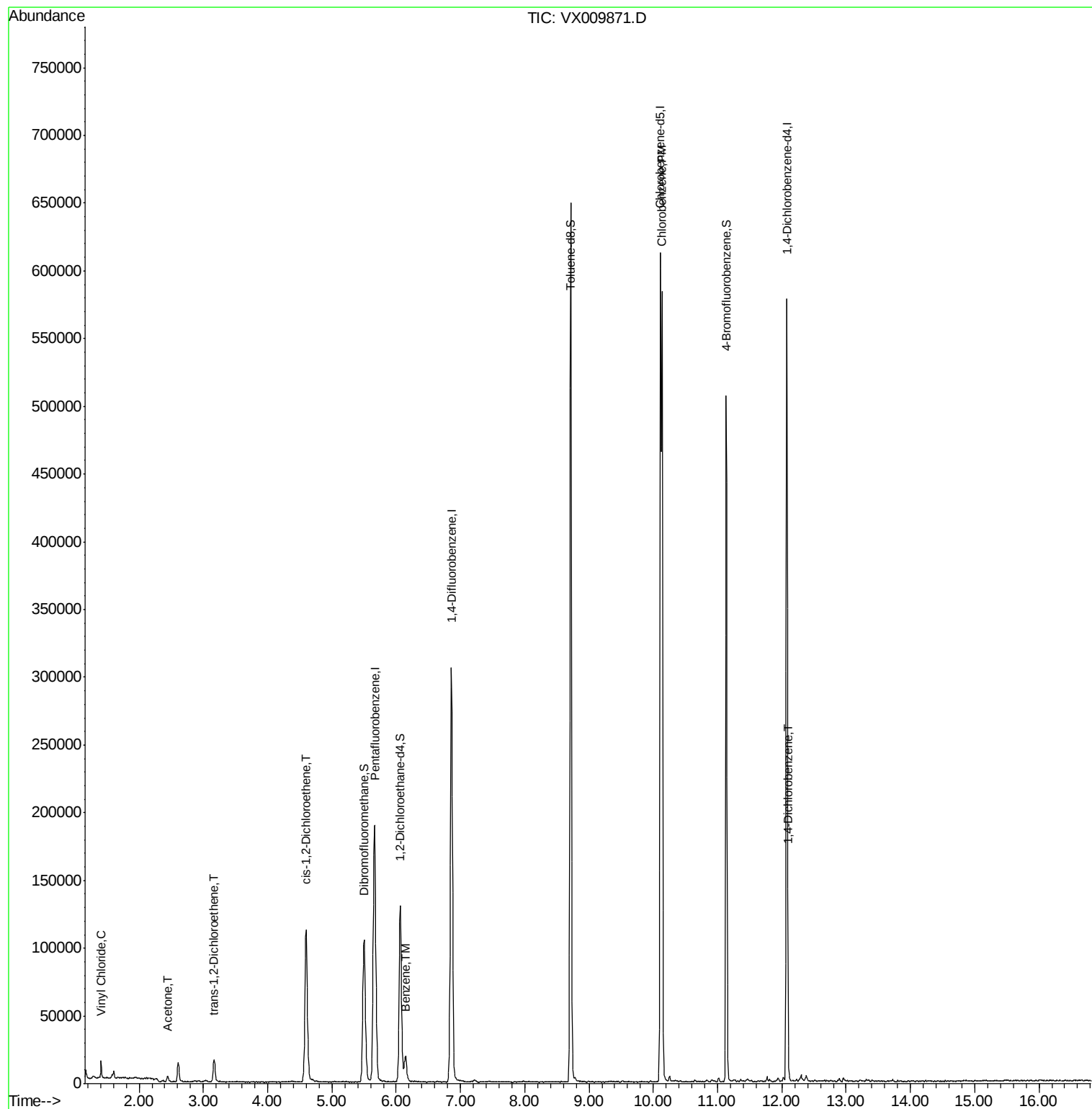
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	8945	3.968	ug/l	94
16) Acetone	2.45	43	5097	3.784	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	6507	3.480	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	69231	31.022	ug/l	92
40) Benzene	6.14	78	21358	2.531	ug/l	99
65) Chlorobenzene	10.14	112	236994	44.713	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	10238	2.687	ug/l	87

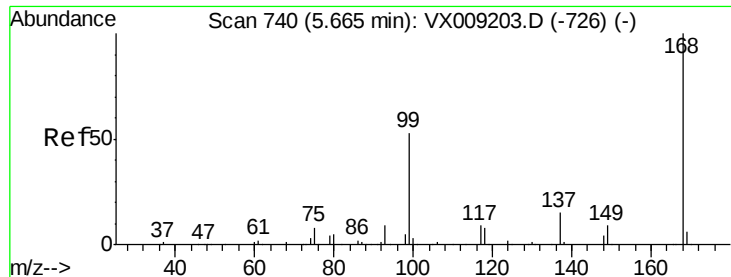
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052319\
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ClientSampleId :
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Quant Time: May 24 05:19:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009871.D

Acq: 23 May 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

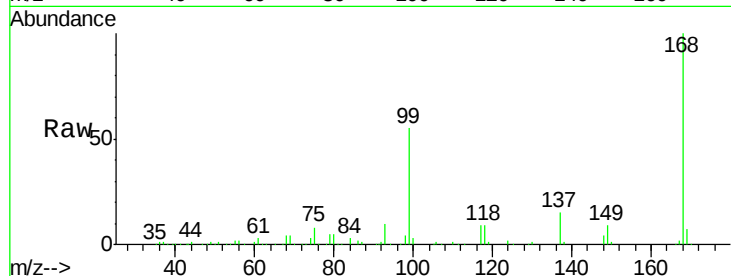
S36-0155

Tot Ion:168 Resp: 183738

Ion Ratio Lower Upper

168 100

99 54.7 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

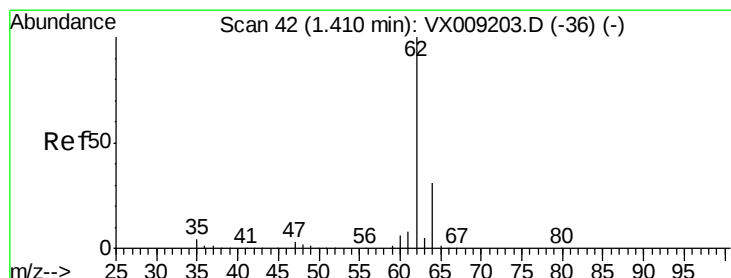
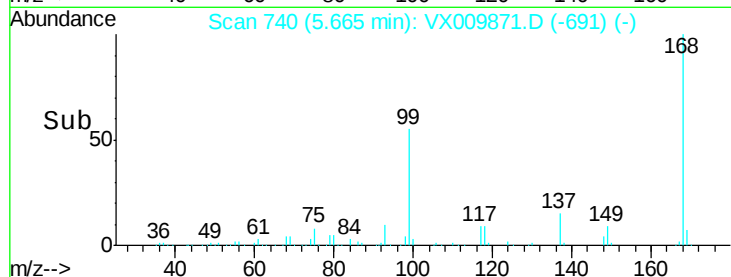
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.968 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009871.D

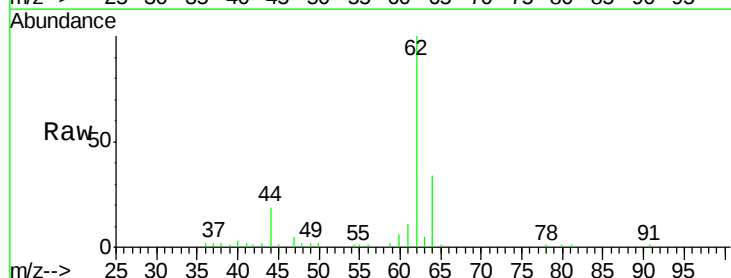
Acq: 23 May 2019 20:12

Tgt Ion: 62 Resp: 8945

Ion Ratio Lower Upper

62 100

64 34.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

8000

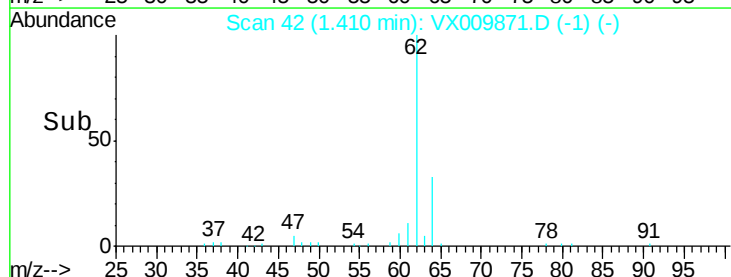
6000

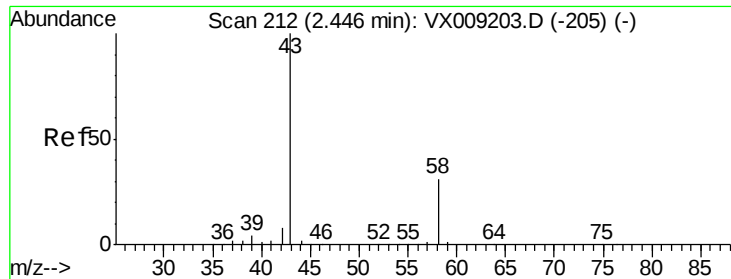
4000

2000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 3.784 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009871.D

Acq: 23 May 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

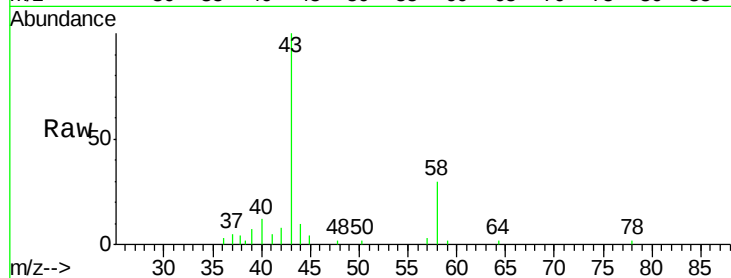
S36-0155

Tot Ion: 43 Resp: 5097

Ion Ratio Lower Upper

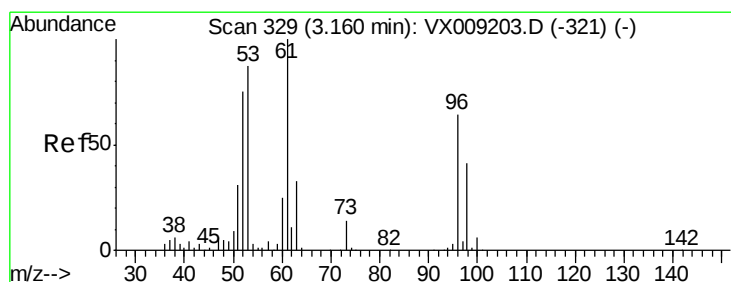
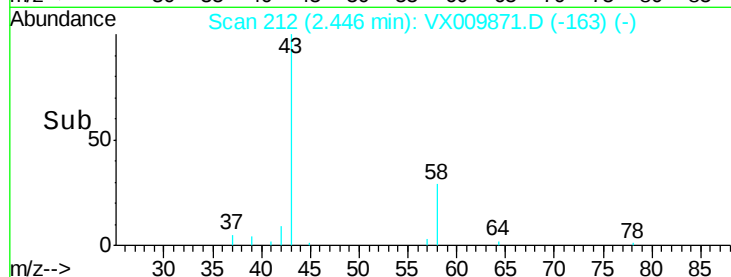
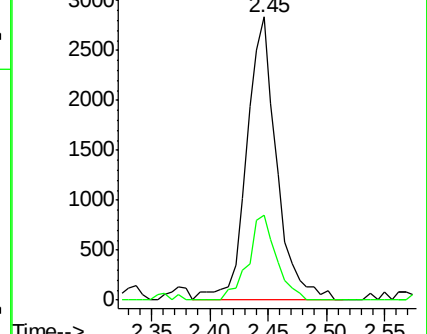
43 100

58 30.1 24.9 37.3



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: 3.480 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009871.D

Acq: 23 May 2019 20:12

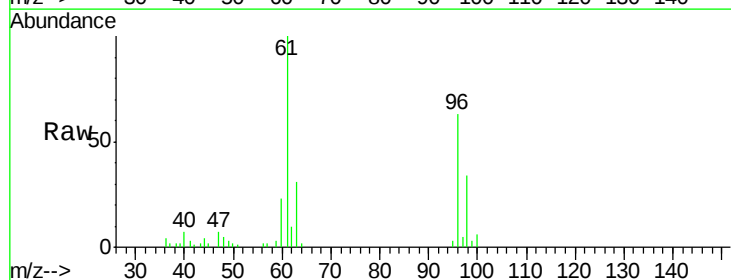
Tgt Ion: 96 Resp: 6507

Ion Ratio Lower Upper

96 100

61 158.7 124.5 186.7

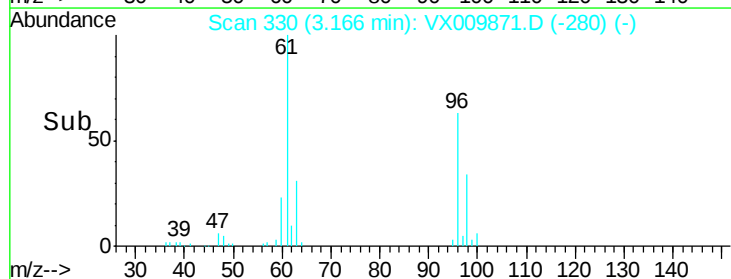
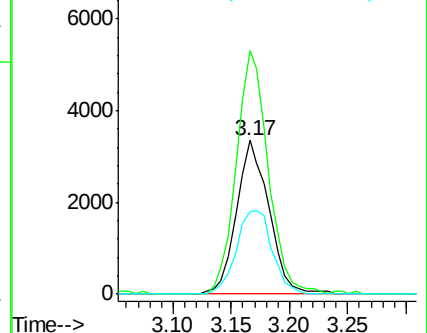
98 53.5 50.4 75.6

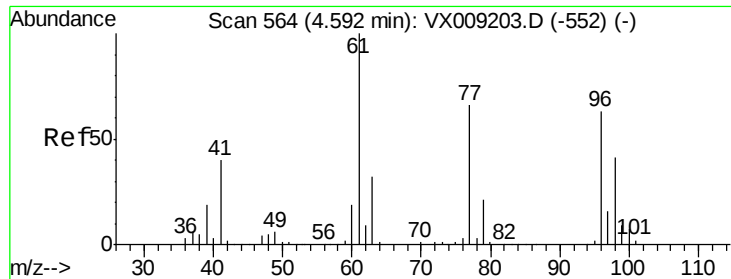


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



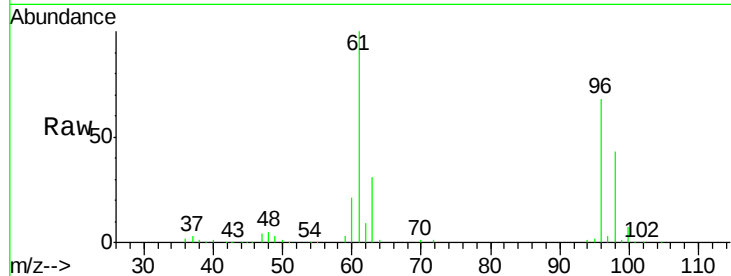


#27

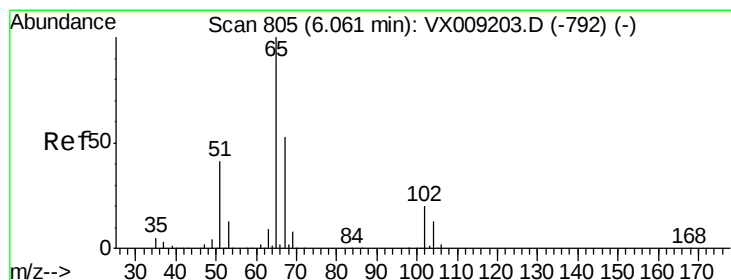
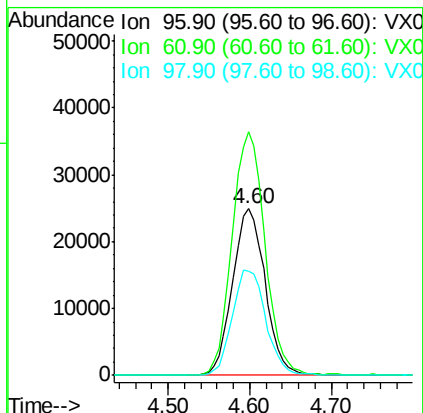
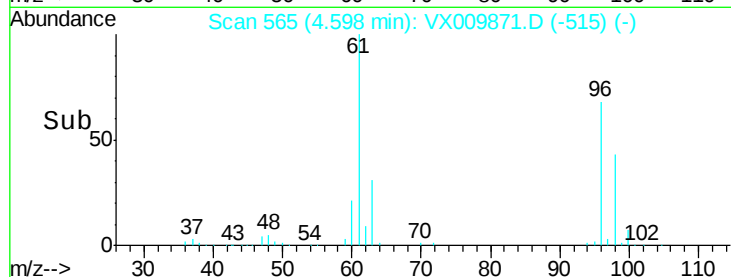
cis-1,2-Dichloroethene
 Concen: 31.022 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009871.D
 Acq: 23 May 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0155

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	324.0
98	64.7	0.0	130.4



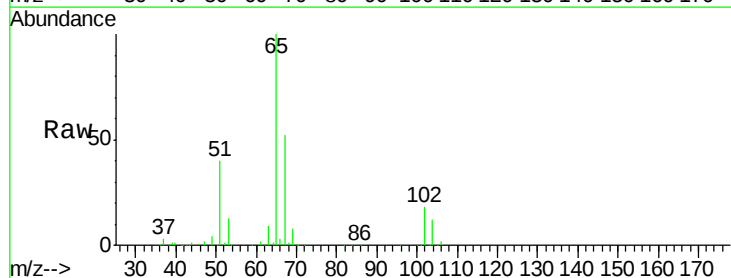
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



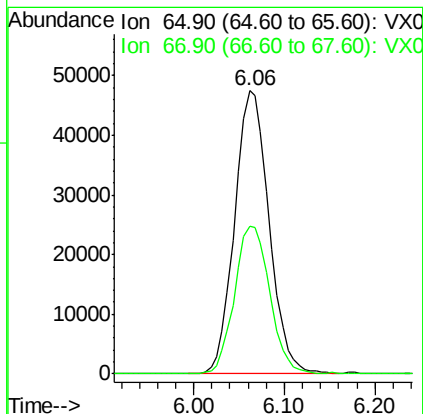
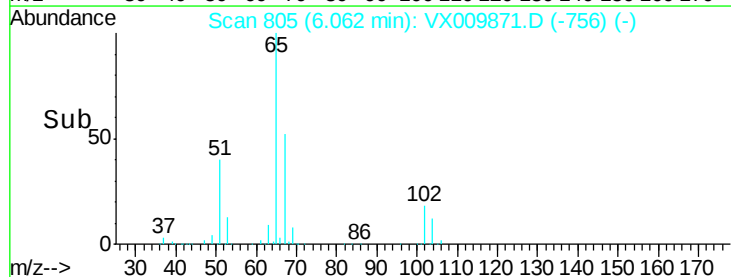
#33

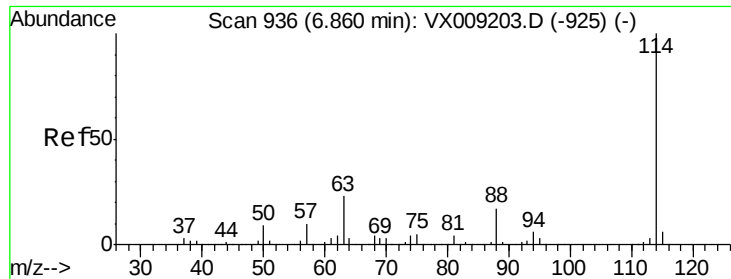
1,2-Dichloroethane-d4
 Concen: 49.887 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009871.D
 Acq: 23 May 2019 20:12

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

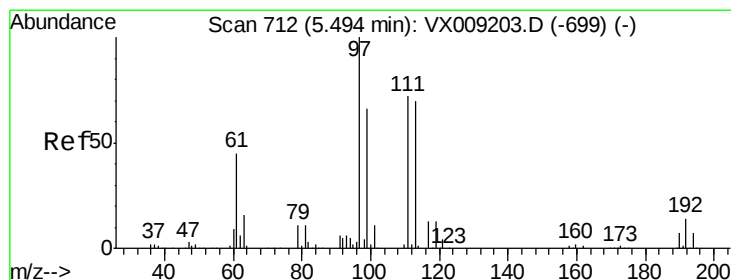
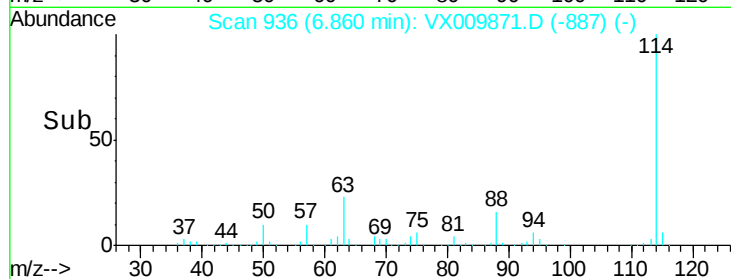
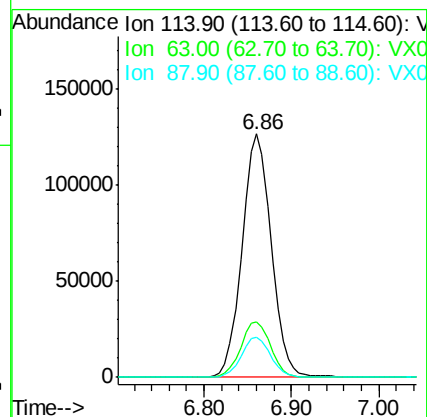
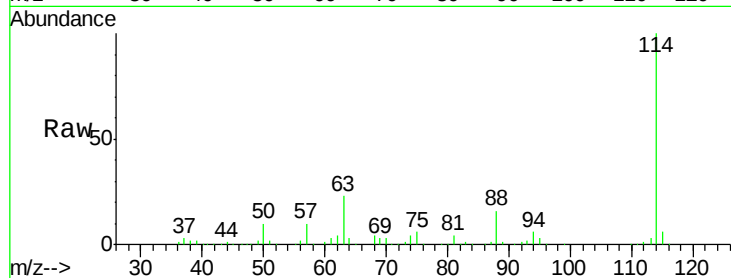




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009871.D
 Acq: 23 May 2019 20:12

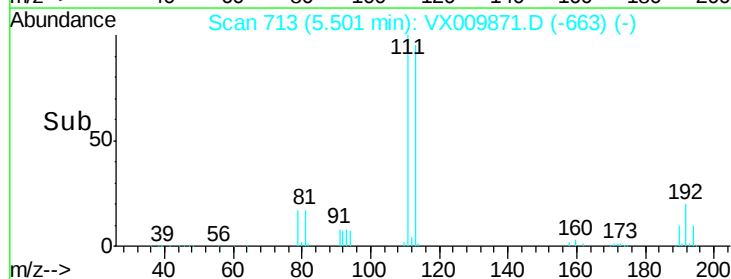
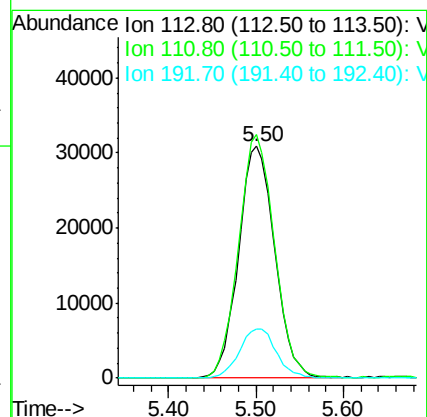
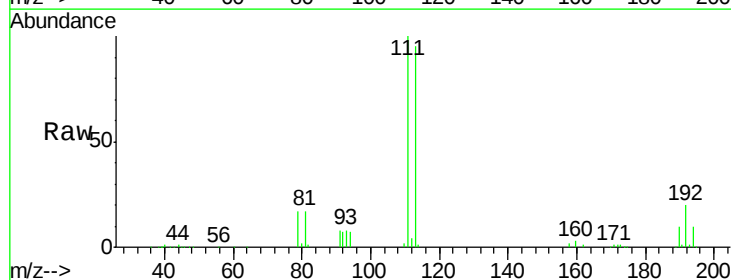
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0155

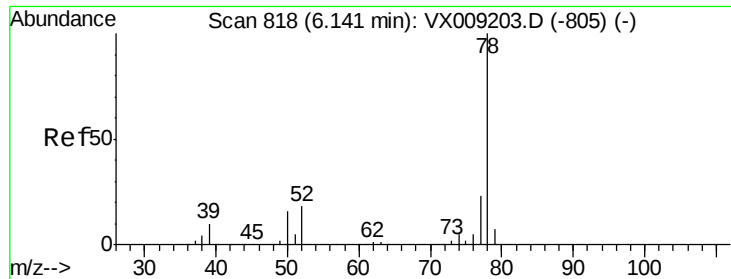
Tot Ion:114 Resp: 293398
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 16.5 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.216 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009871.D
 Acq: 23 May 2019 20:12

Tgt Ion:113 Resp: 88931
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.8 124.2
 192 21.6 17.0 25.6





#40

Benzene

Concen: 2.531 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009871.D

Acq: 23 May 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

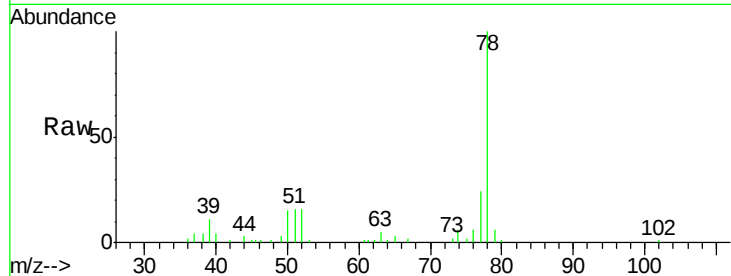
S36-0155

Tot Ion: 78 Resp: 21358

Ion Ratio Lower Upper

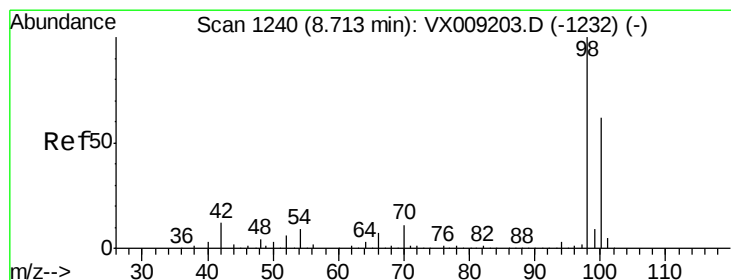
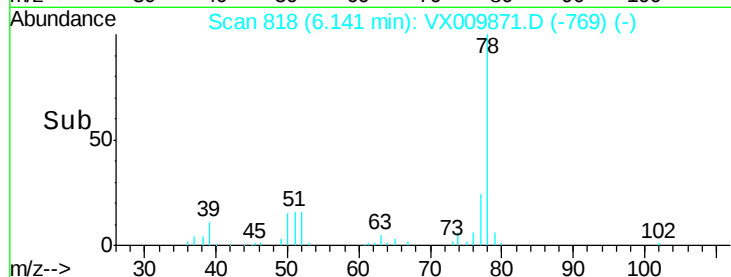
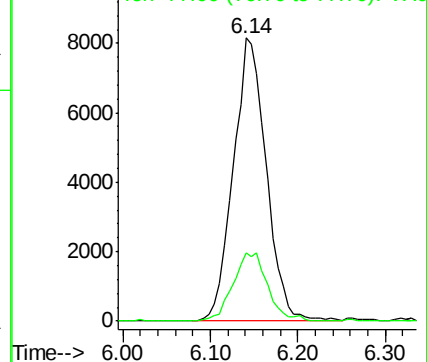
78 100

77 24.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.164 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009871.D

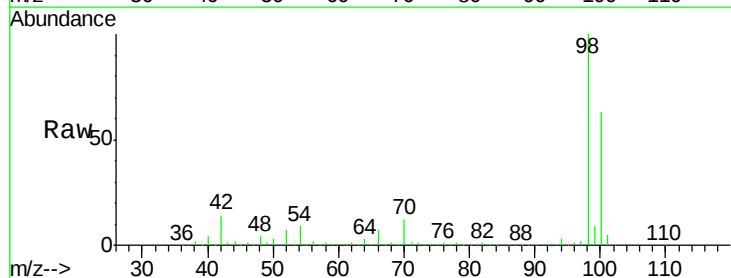
Acq: 23 May 2019 20:12

Tgt Ion: 98 Resp: 373543

Ion Ratio Lower Upper

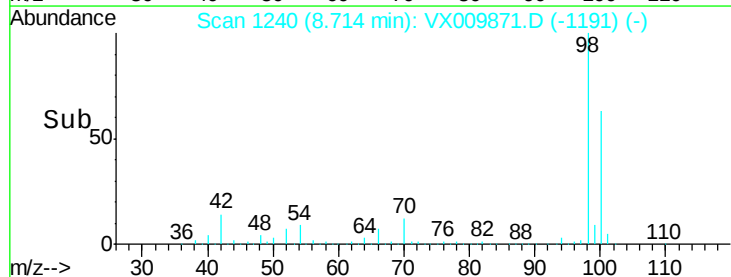
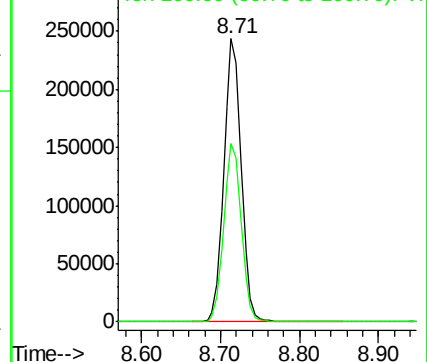
98 100

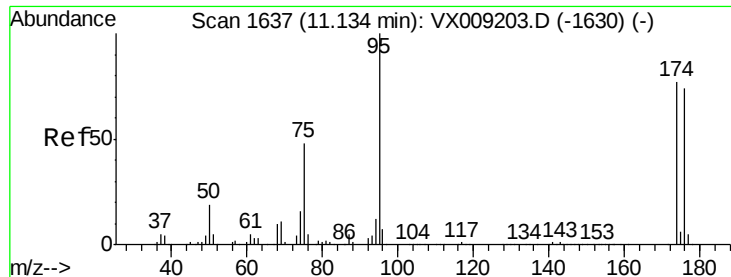
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.665 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009871.D

Acq: 23 May 2019 20:12

Instrument :

MSVOA_X

ClientSampled :

S36-0155

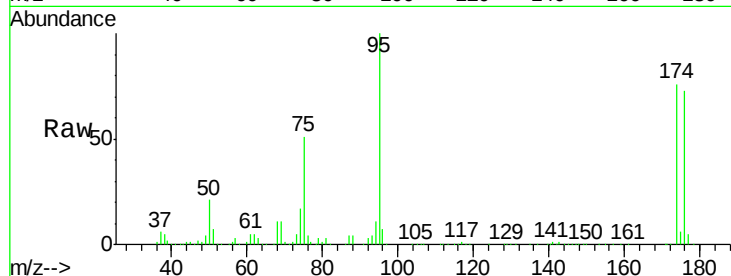
Tot Ion: 95 Resp: 128969

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

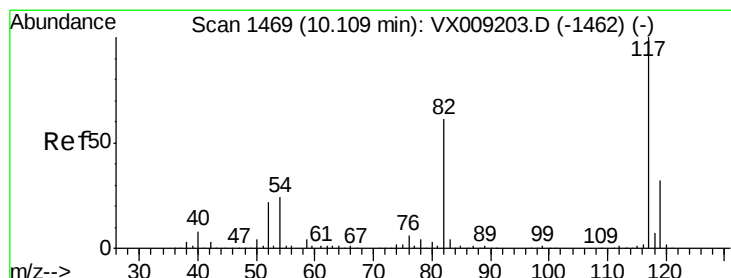
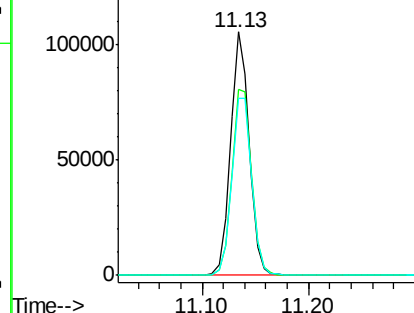
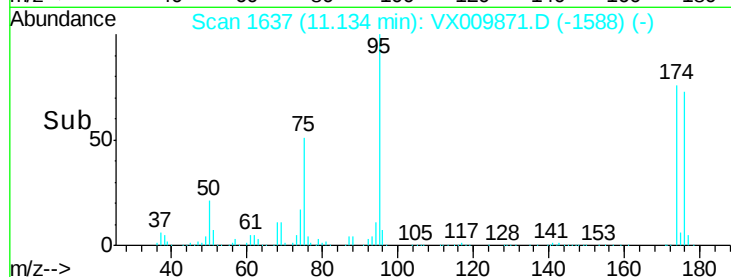
176 78.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009871.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009871.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009871.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009871.D

Acq: 23 May 2019 20:12

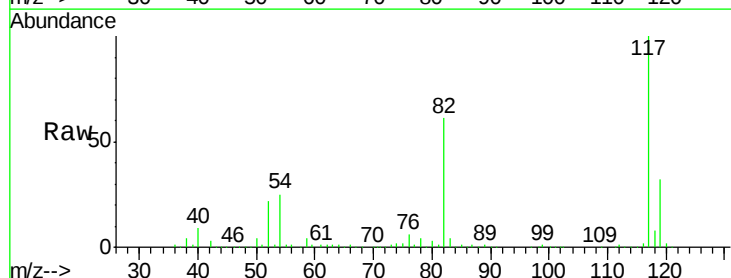
Tgt Ion: 117 Resp: 264956

Ion Ratio Lower Upper

117 100

82 61.1 48.8 73.2

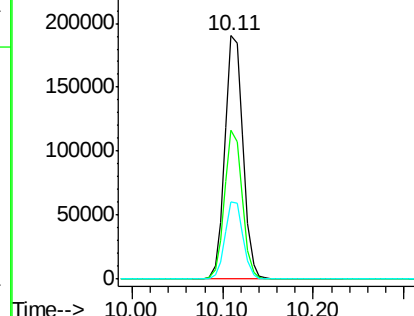
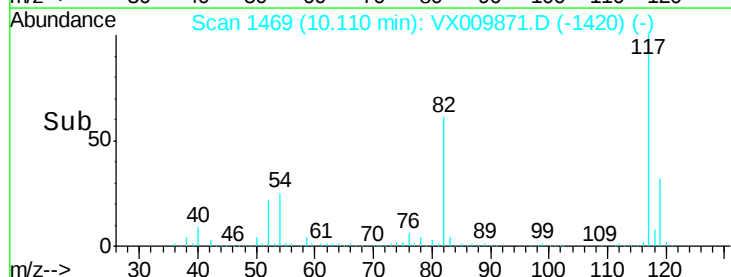
119 31.8 25.8 38.6

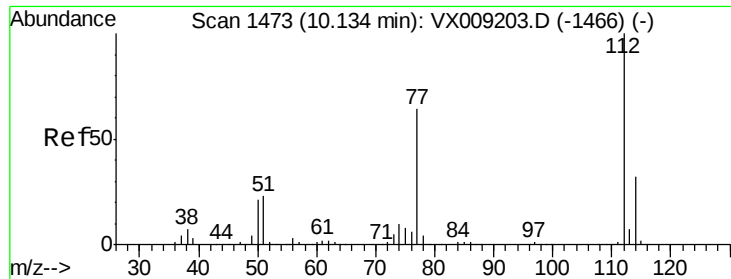


Abundance Ion 116.90 (116.60 to 117.60): VX009871.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009871.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009871.D (-1420) (-)

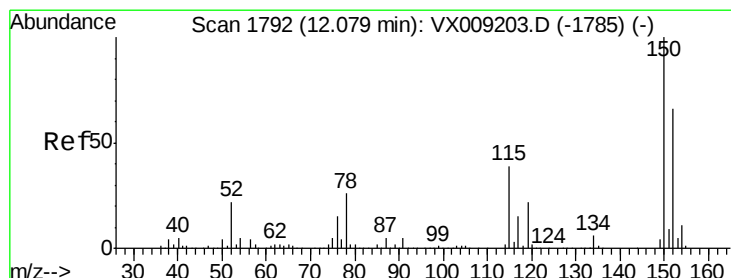
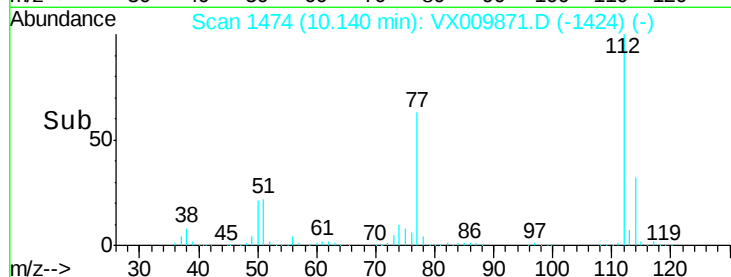
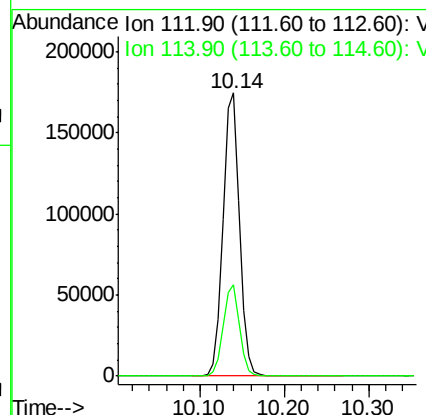
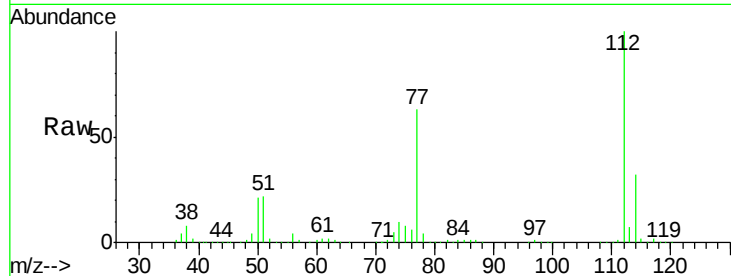




#65
Chlorobenzene
Concen: 44.713 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009871.D
Acq: 23 May 2019 20:12

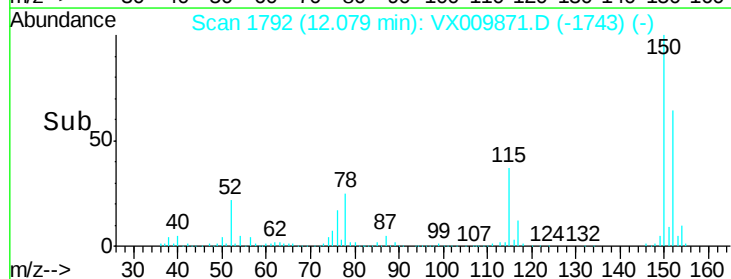
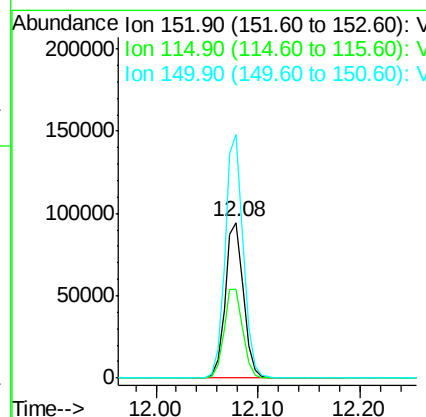
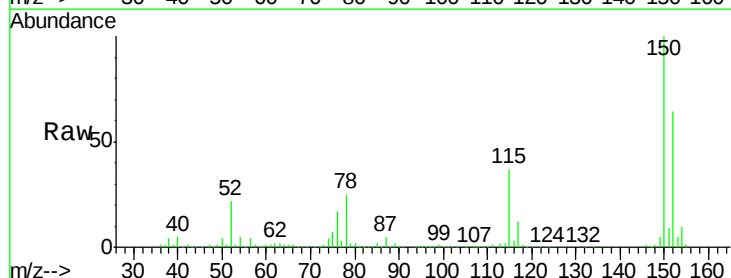
Instrument :
MSVOA_X
ClientSampled :
S36-0155

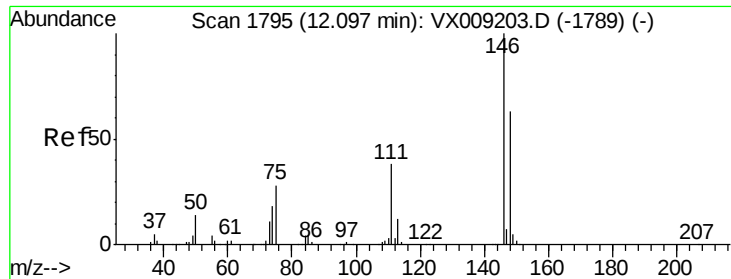
Tot Ion:112 Resp: 236994
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009871.D
Acq: 23 May 2019 20:12

Tgt Ion:152 Resp: 117475
Ion Ratio Lower Upper
152 100
115 59.5 41.2 123.6
150 156.4 0.0 346.4





#88

1,4-Dichlorobenzene

Concen: 2.687 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009871.D

Acq: 23 May 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

S36-0155

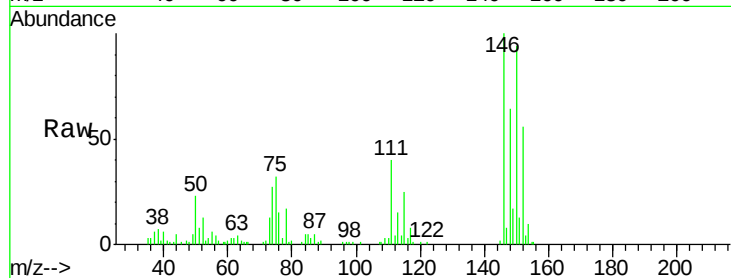
Tot Ion:146 Resp: 10238

Ion Ratio Lower Upper

146 100

111 54.0 19.6 58.8

148 68.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

