

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009982.D
 Acq On : 31 May 2019 14:03
 Operator : JC/SP
 Sample : K2964-05 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13818

Quant Time: May 31 14:52:30 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

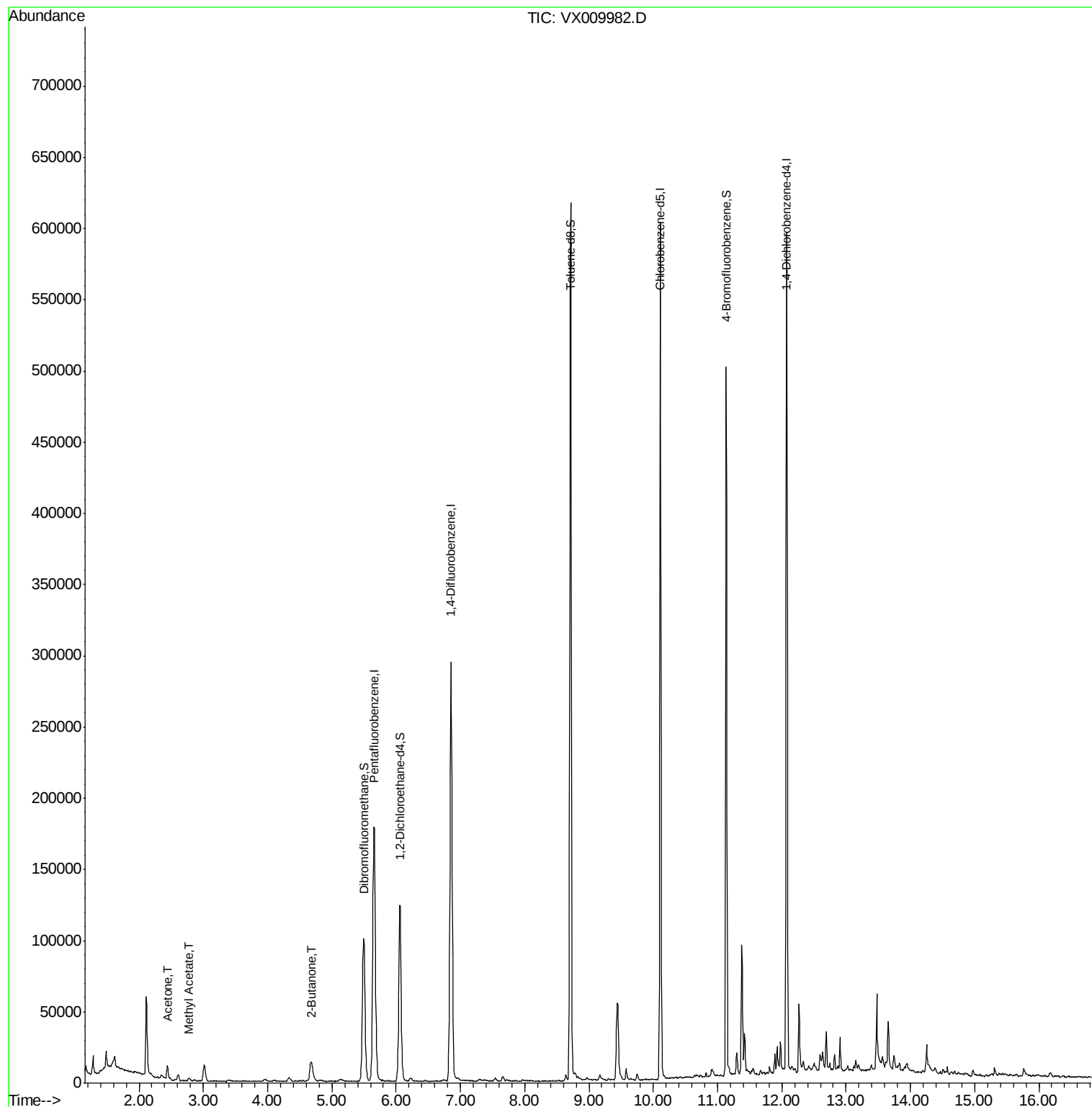
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118906	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
35) Dibromofluoromethane	5.49	113	86845	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	8.71	98	359504	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	125118	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
16) Acetone	2.44	43	10893	7.611	ug/l	96
18) Methyl Acetate	2.78	43	2616	0.786	ug/l	97
25) 2-Butanone	4.68	43	20463	9.177	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009982.D

Acq: 31 May 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

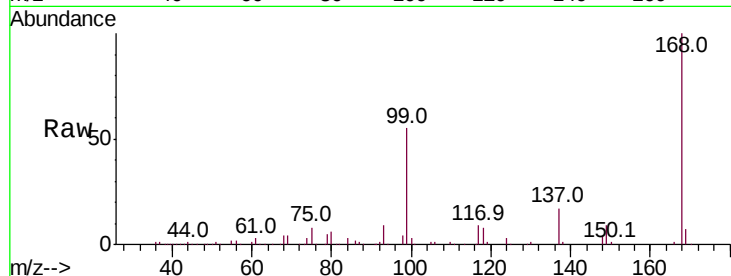
13818

Tot Ion:168 Resp: 175352

Ion Ratio Lower Upper

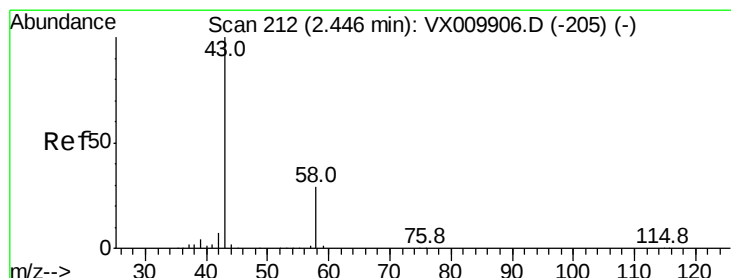
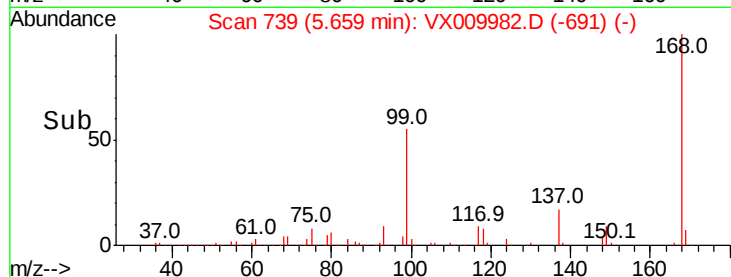
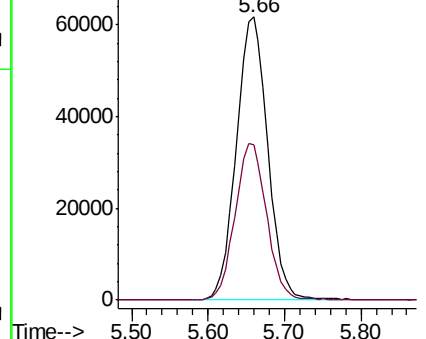
168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.611 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009982.D

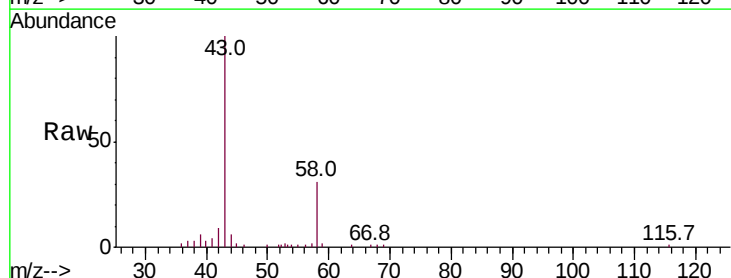
Acq: 31 May 2019 14:03

Tgt Ion: 43 Resp: 10893

Ion Ratio Lower Upper

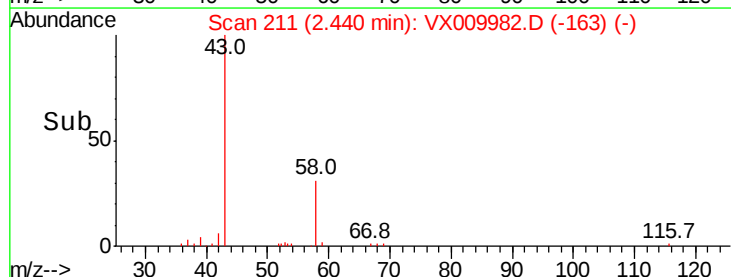
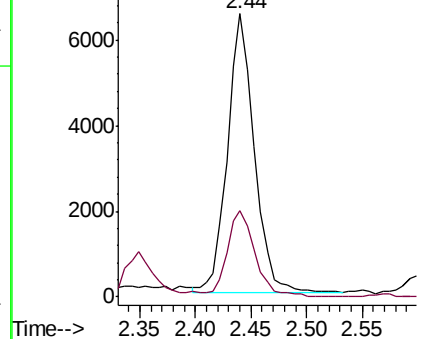
43 100

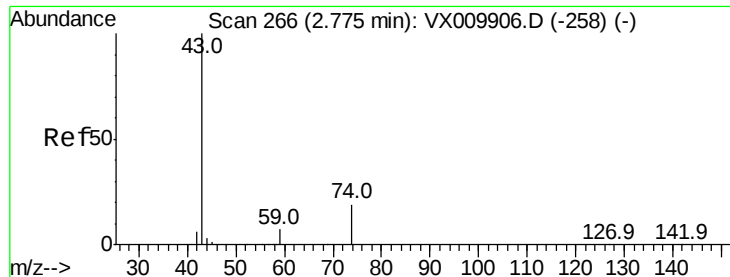
58 31.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 0.786 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009982.D

Acq: 31 May 2019 14:03

Instrument :

MSVOA_X

ClientSampled :

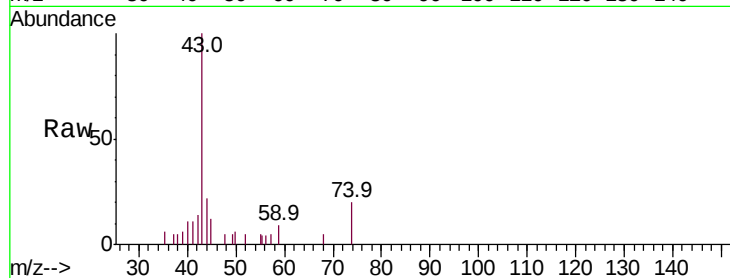
13818

Tot Ion: 43 Resp: 2616

Ion Ratio Lower Upper

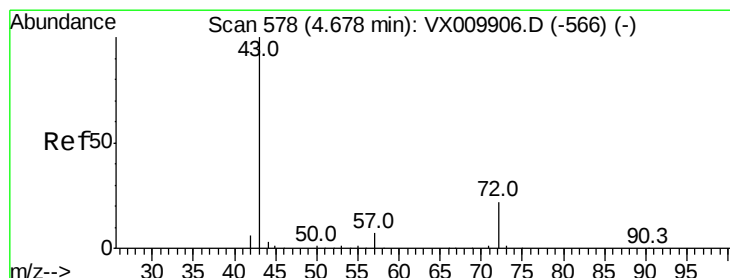
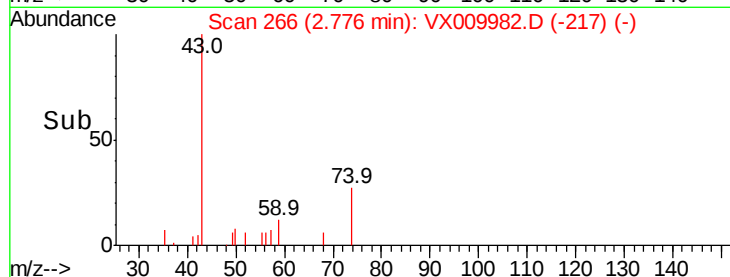
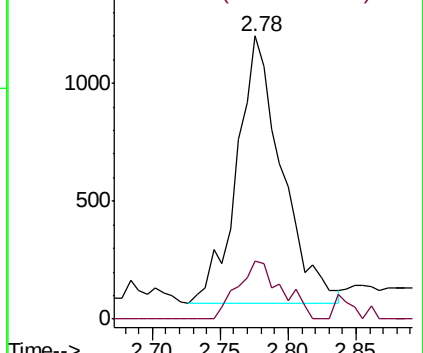
43 100

74 21.2 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#25

2-Butanone

Concen: 9.177 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX009982.D

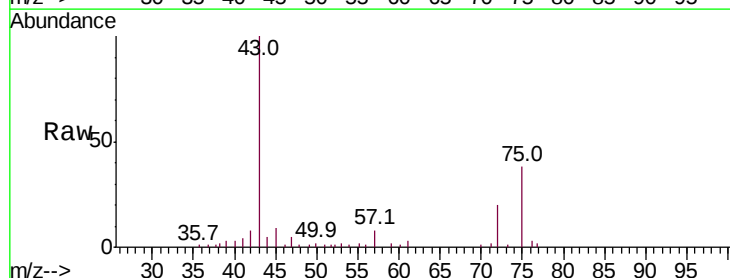
Acq: 31 May 2019 14:03

Tgt Ion: 43 Resp: 20463

Ion Ratio Lower Upper

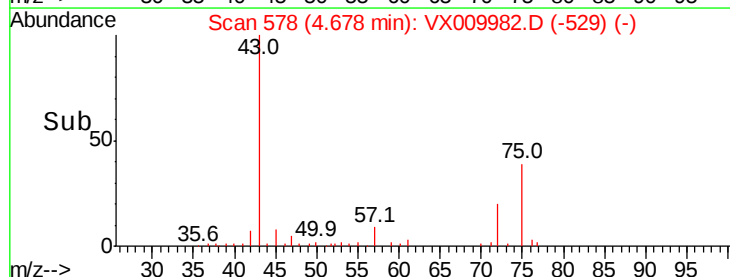
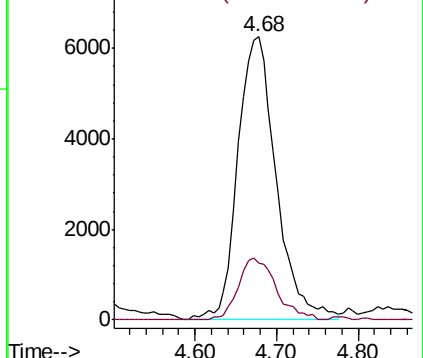
43 100

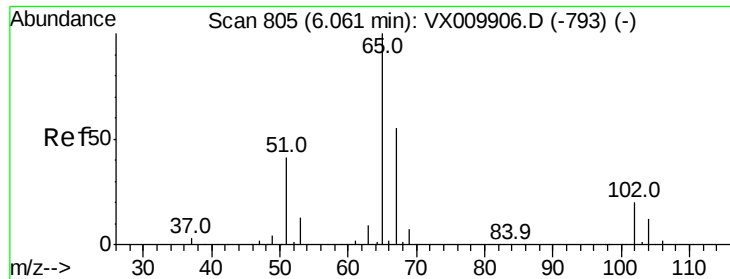
72 20.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

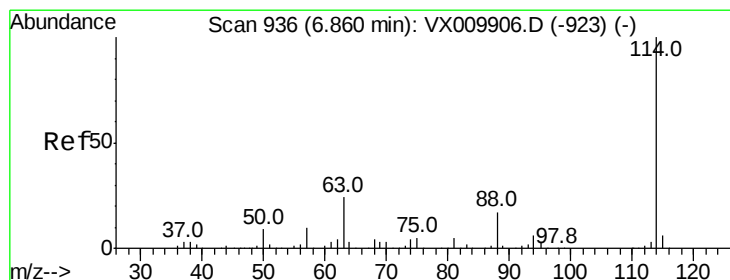
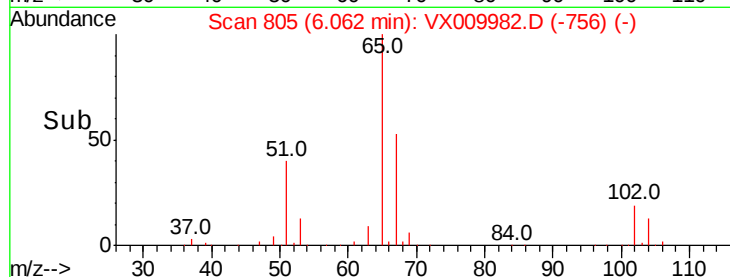
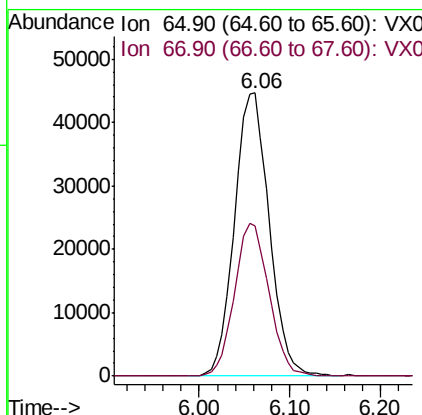
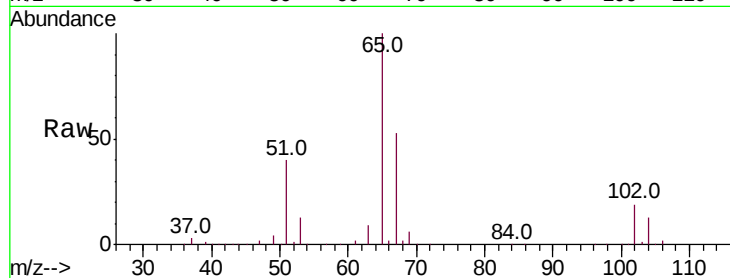




#33
 1,2-Dichloroethane-d4
 Concen: 48.004 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009982.D
 Acq: 31 May 2019 14:03

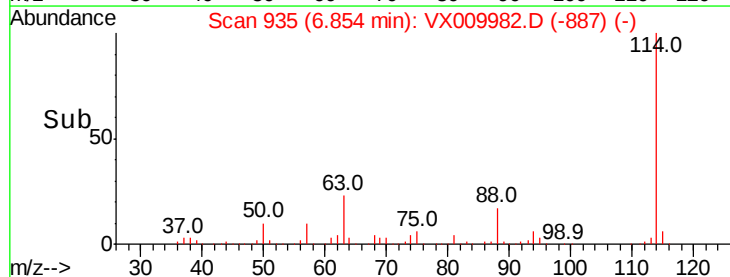
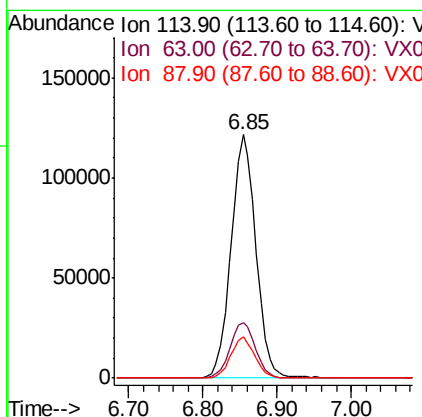
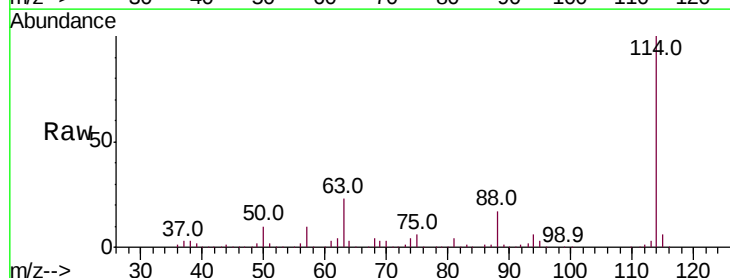
Instrument :
 MSVOA_X
 ClientSampleId :
 13818

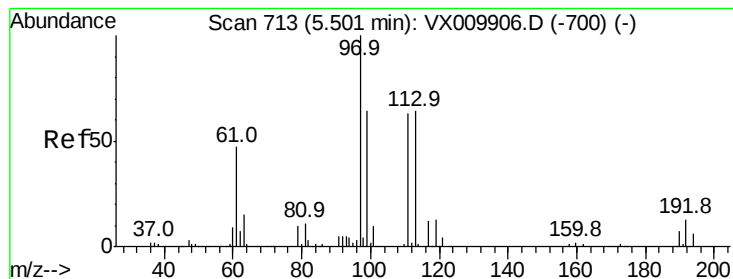
Tot Ion: 65 Resp: 118906
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009982.D
 Acq: 31 May 2019 14:03

Tgt Ion: 114 Resp: 283254
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.4
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.767 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009982.D

Acq: 31 May 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

13818

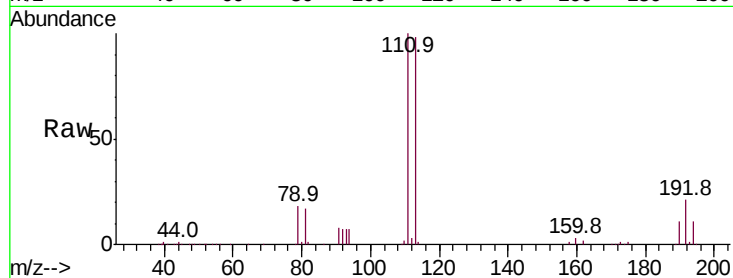
Tot Ion:113 Resp: 86845

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

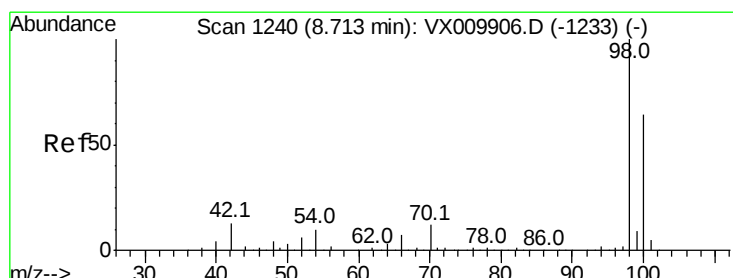
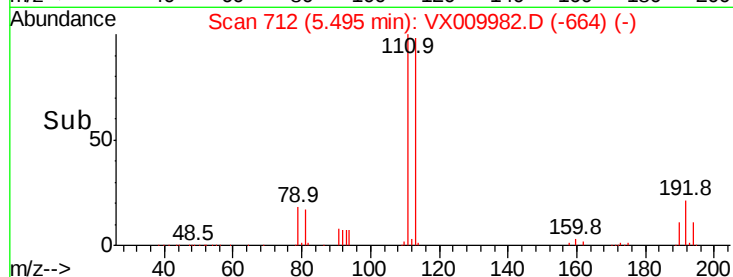
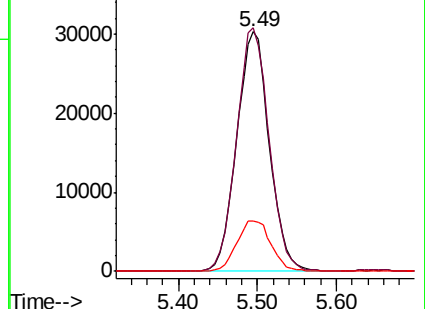
192 22.0 17.1 25.7



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



#50

Toluene-d8

Concen: 49.713 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009982.D

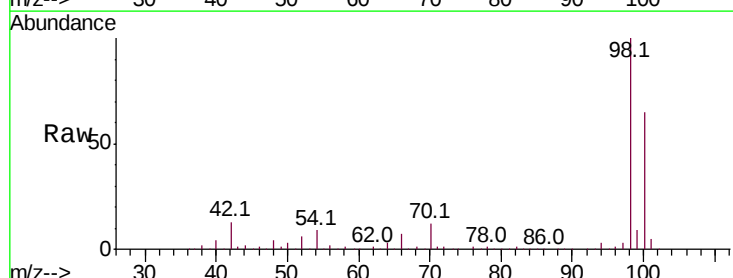
Acq: 31 May 2019 14:03

Tgt Ion: 98 Resp: 359504

Ion Ratio Lower Upper

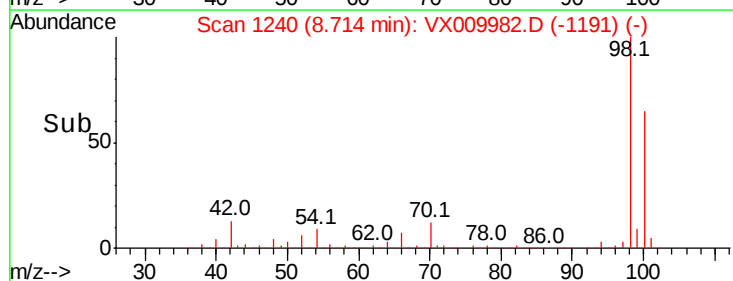
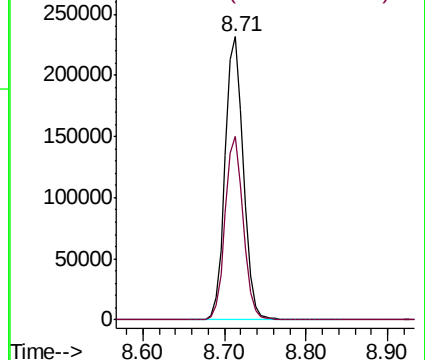
98 100

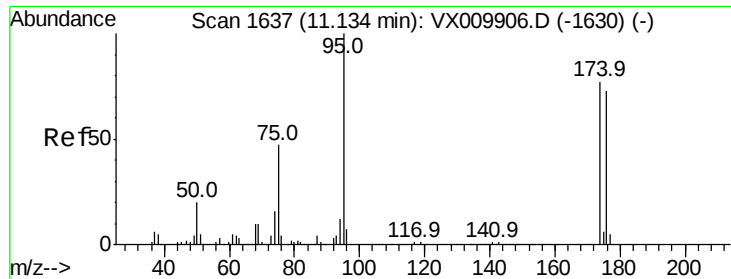
100 64.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

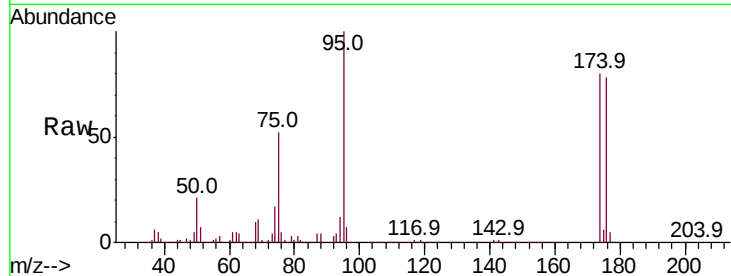




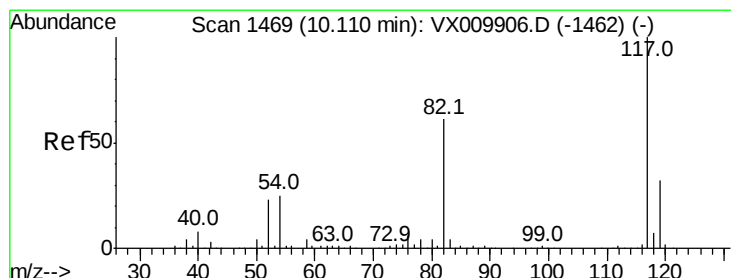
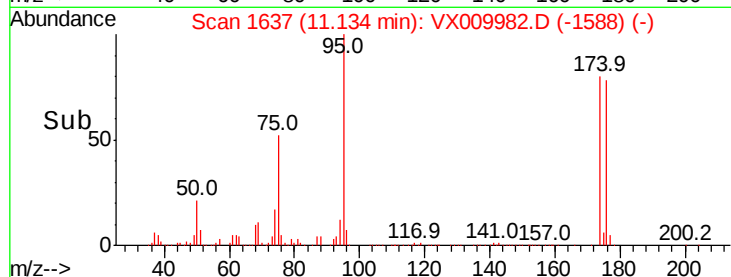
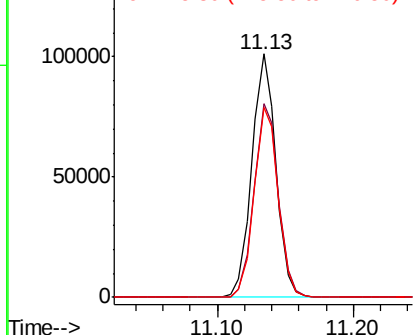
#62
4-Bromofluorobenzene
Concen: 48.170 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampled :
13818

Tot Ion: 95 Resp: 125118
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.4
176 78.7 0.0 154.6

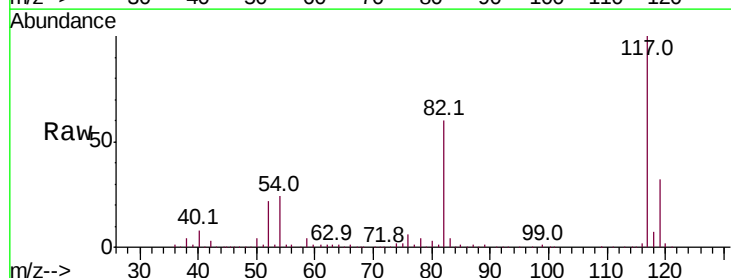


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

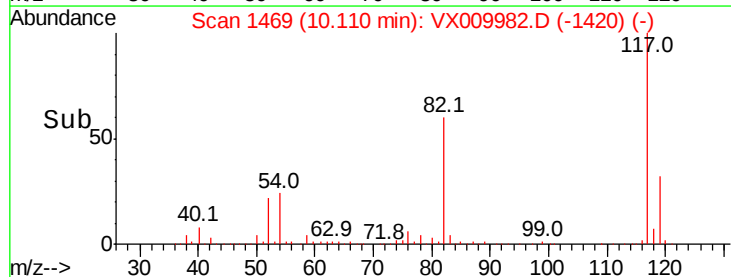
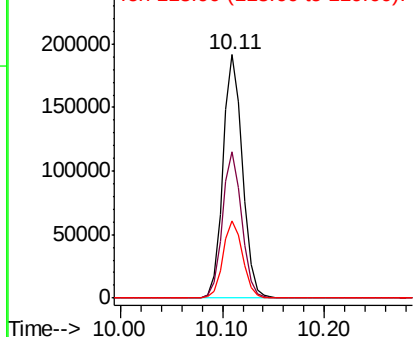


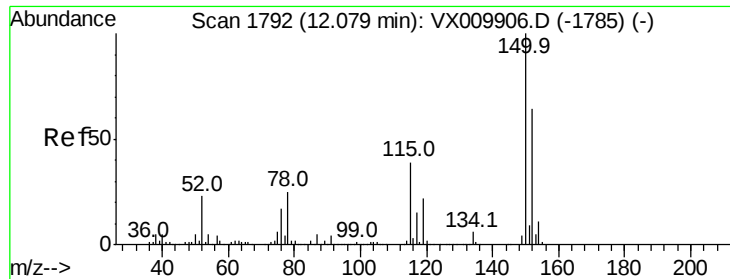
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 117 Resp: 254959
Ion Ratio Lower Upper
117 100
82 60.0 49.2 73.8
119 31.7 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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX009982.D

Acq: 31 May 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

13818

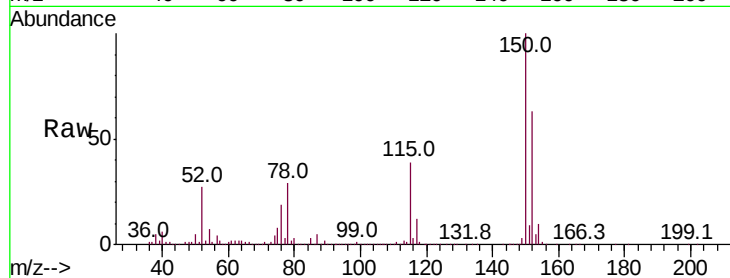
Tot Ion:152 Resp: 114830

Ion Ratio Lower Upper

152 100

115 60.4 41.4 124.2

150 159.5 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

