

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012991.D
 Acq On : 10 Oct 2019 13:24
 Operator : JC/SP
 Sample : K5291-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1881

Quant Time: Oct 11 06:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

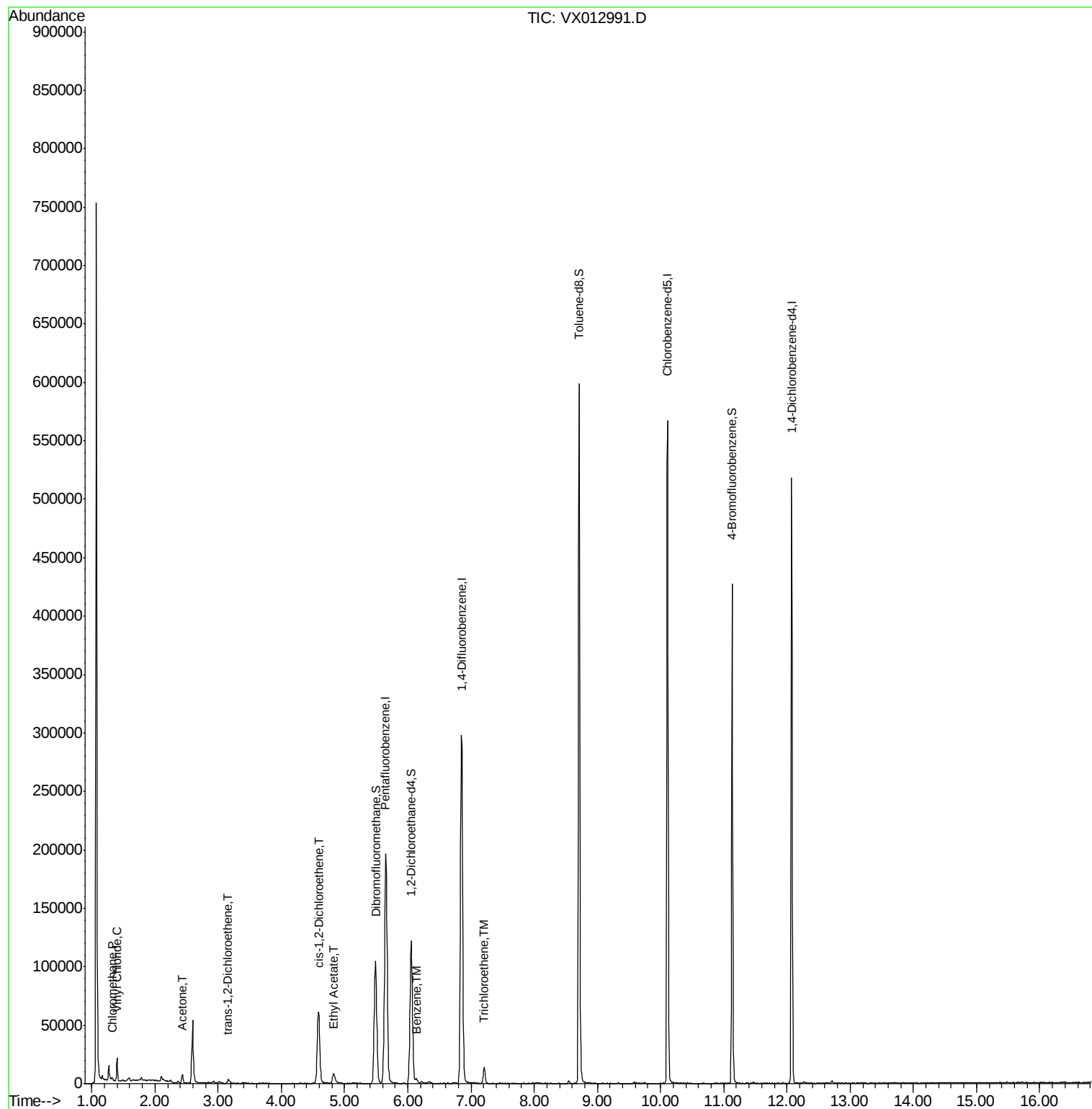
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118921	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
35) Dibromofluoromethane	5.49	113	90239	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	8.71	98	356455	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	11.14	95	121222	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	1430	0.708	ug/l	99
4) Vinyl Chloride	1.40	62	10854	5.204	ug/l	98
16) Acetone	2.44	43	7699	6.416	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	1335	0.677	ug/l #	81
27) cis-1,2-Dichloroethene	4.59	96	39143	17.213	ug/l	91
37) Ethyl Acetate	4.83	43	15767	5.313	ug/l	99
40) Benzene	6.14	78	4086	0.521	ug/l #	78
44) Trichloroethene	7.20	130	5741	2.641	ug/l	97

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

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Quant Time: Oct 11 06:44:03 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012991.D

Acq: 10 Oct 2019 13:24

Instrument :

MSVOA_X

ClientSampleId :

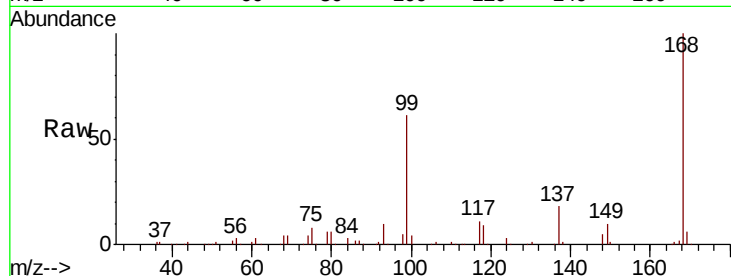
FA19-JMW1881

Tot Ion:168 Resp: 182142

Ion Ratio Lower Upper

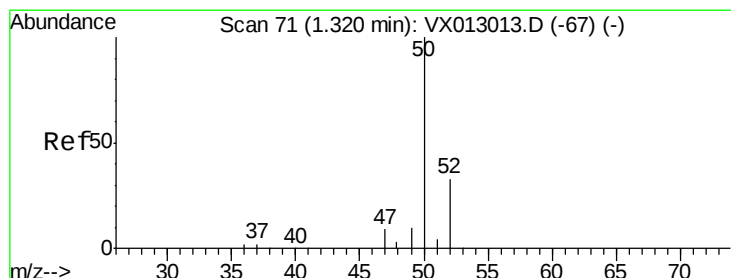
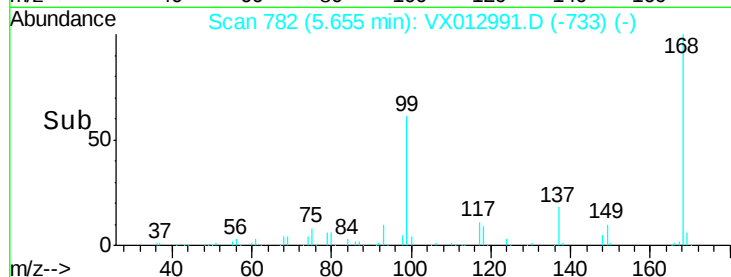
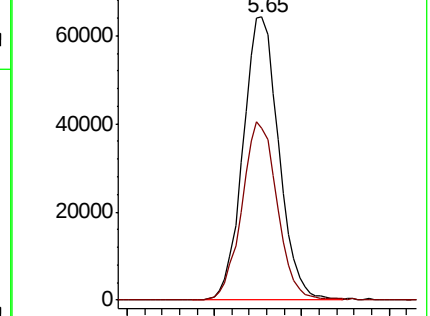
168 100

99 61.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.708 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012991.D

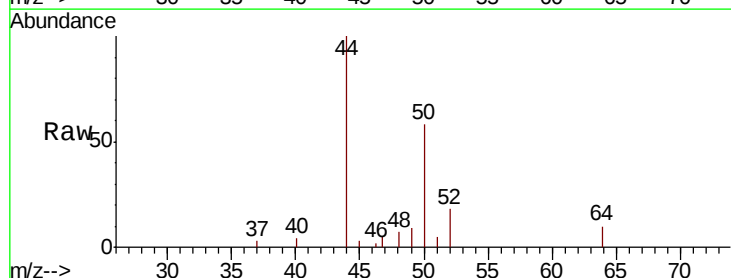
Acq: 10 Oct 2019 13:24

Tgt Ion: 50 Resp: 1430

Ion Ratio Lower Upper

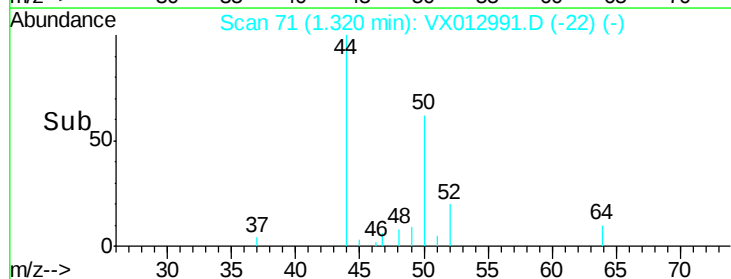
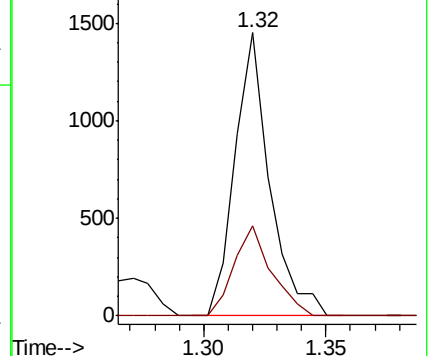
50 100

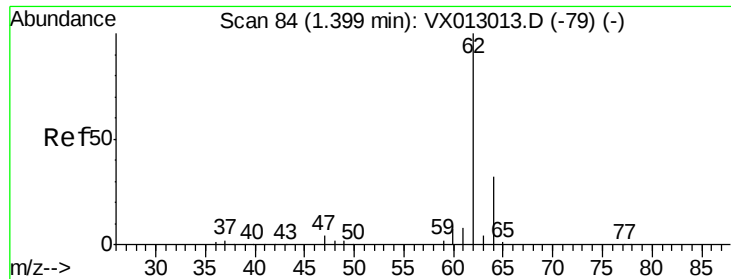
52 32.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 5.204 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012991.D

Acq: 10 Oct 2019 13:24

Instrument :

MSVOA_X

ClientSampleId :

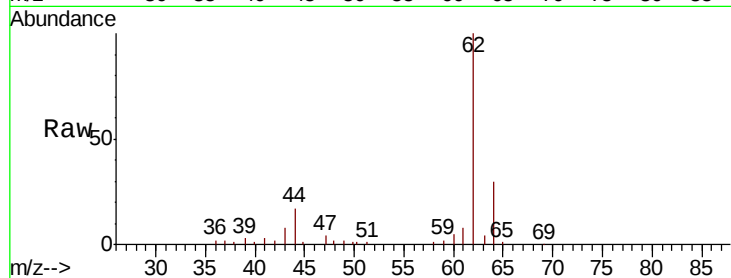
FA19-JMW1881

Tot Ion: 62 Resp: 10854

Ion Ratio Lower Upper

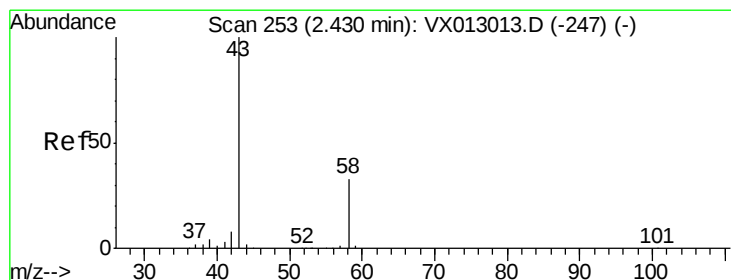
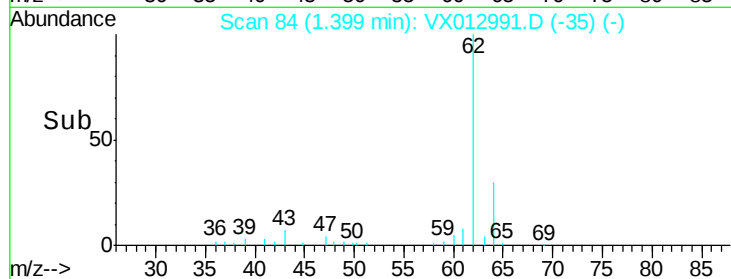
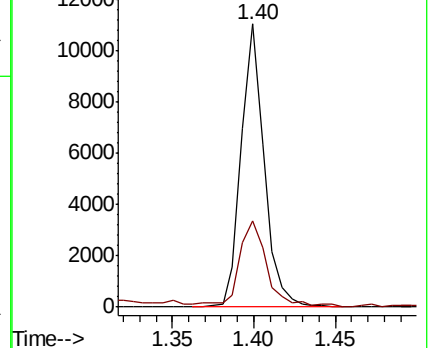
62 100

64 30.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#16

Acetone

Concen: 6.416 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012991.D

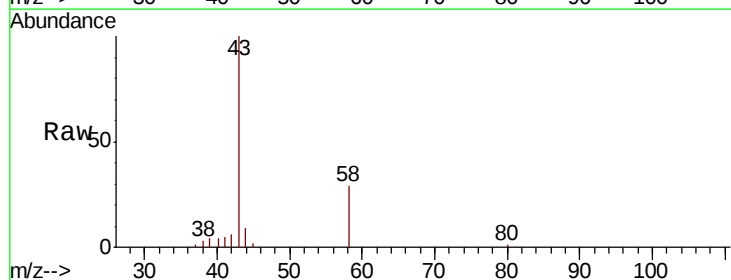
Acq: 10 Oct 2019 13:24

Tgt Ion: 43 Resp: 7699

Ion Ratio Lower Upper

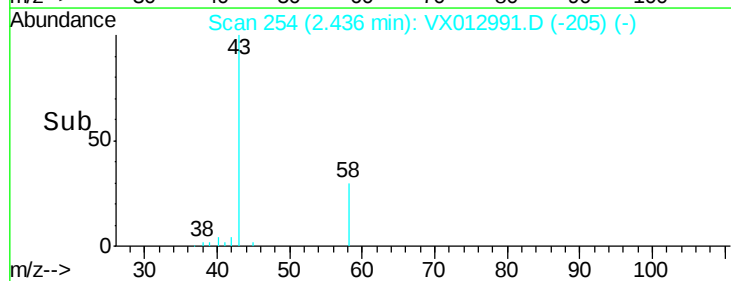
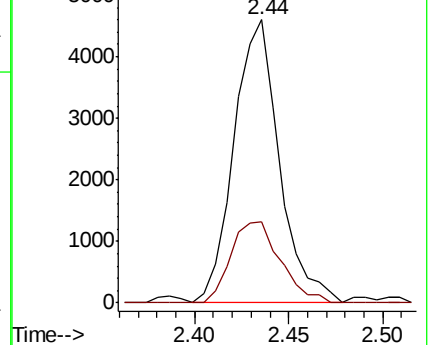
43 100

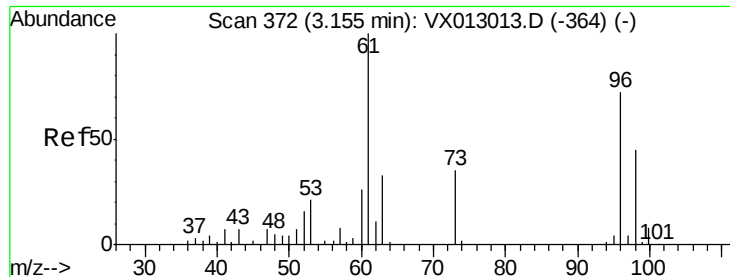
58 28.8 25.4 38.2



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: 0.677 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012991.D

Acq: 10 Oct 2019 13:24

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1881

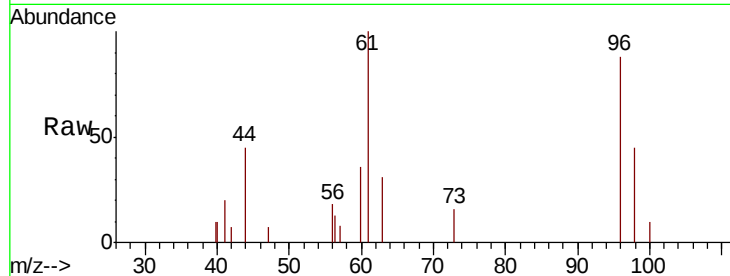
Tot Ion: 96 Resp: 1335

Ion Ratio Lower Upper

96 100

61 114.3 110.4 165.6

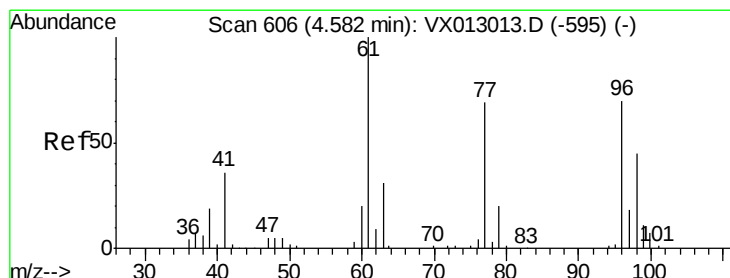
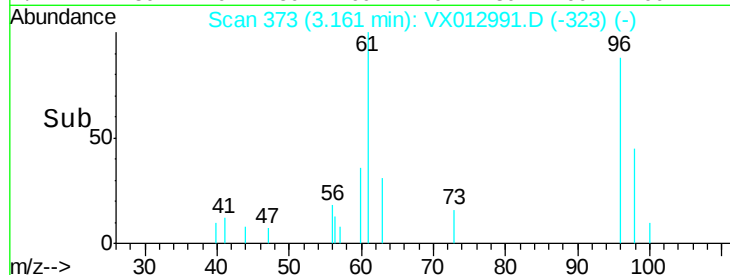
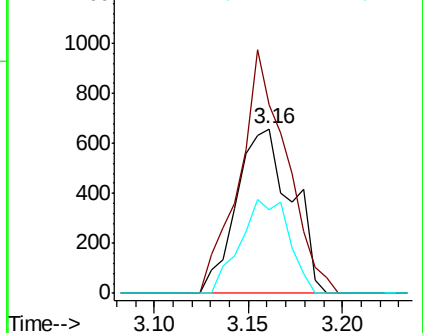
98 51.1 51.5 77.3#



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: 17.213 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX012991.D

Acq: 10 Oct 2019 13:24

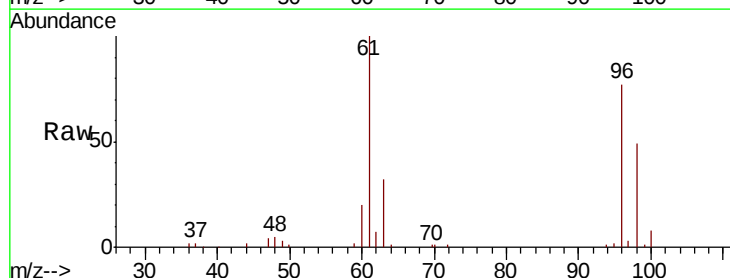
Tgt Ion: 96 Resp: 39143

Ion Ratio Lower Upper

96 100

61 130.0 0.0 290.6

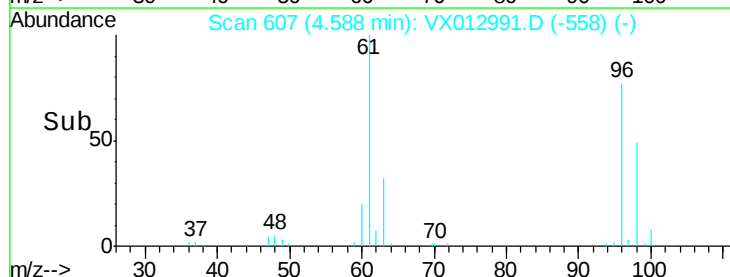
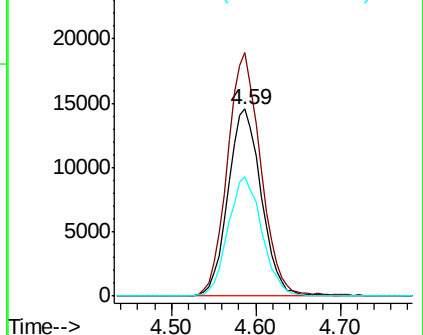
98 64.3 0.0 128.8

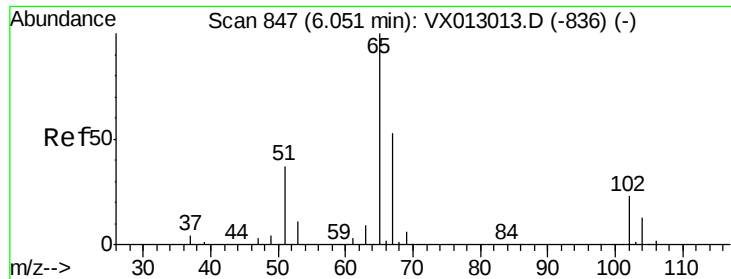


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

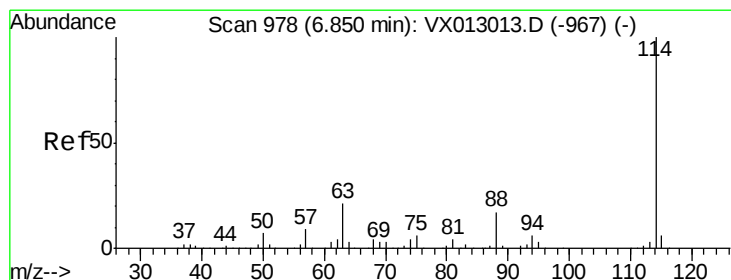
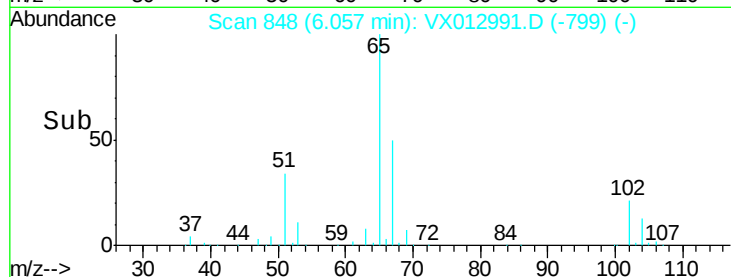
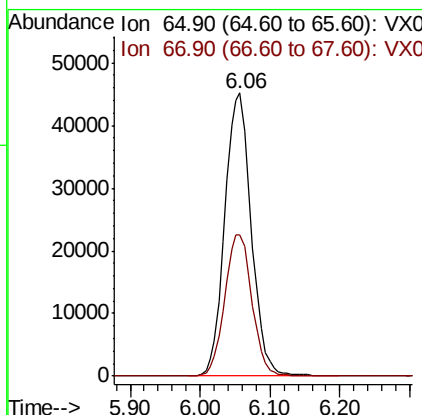
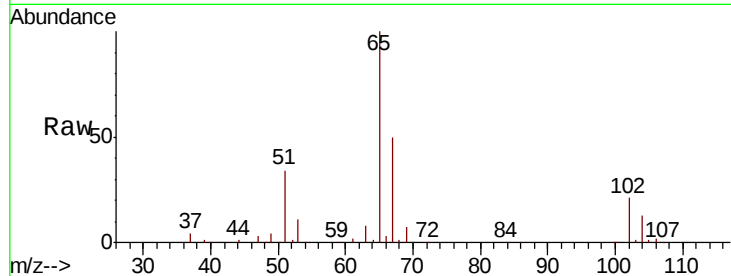




#33
 1,2-Dichloroethane-d4
 Concen: 52.238 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX012991.D
 Acq: 10 Oct 2019 13:24

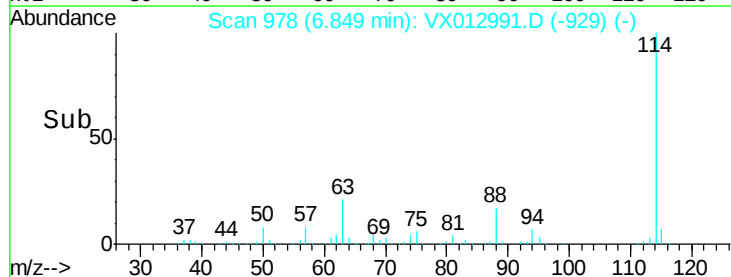
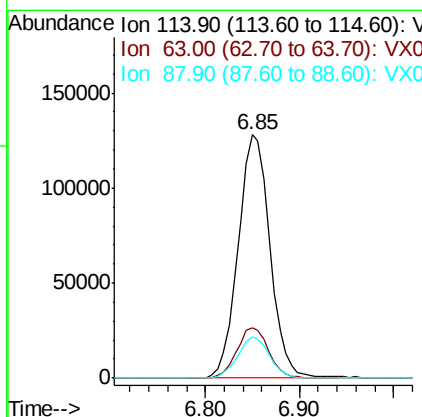
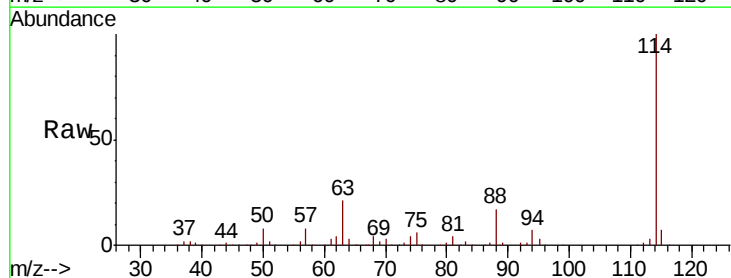
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1881

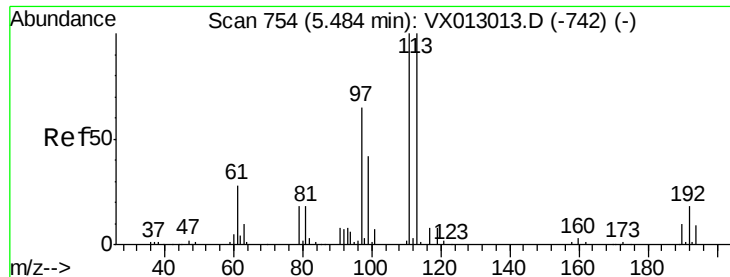
Tot Ion: 65 Resp: 118921
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012991.D
 Acq: 10 Oct 2019 13:24

Tgt Ion: 114 Resp: 301840
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 17.2 0.0 33.8

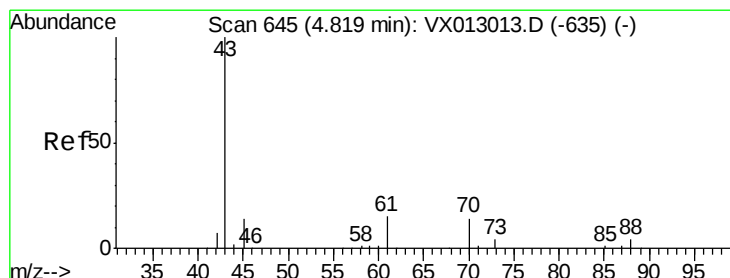
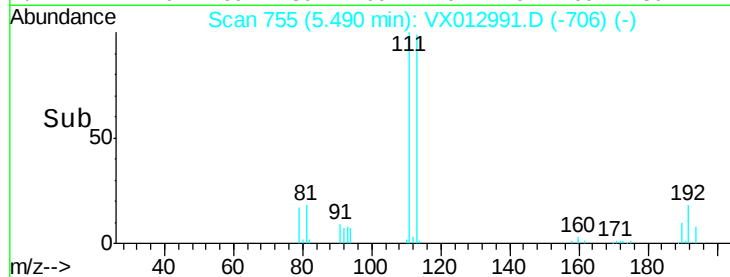
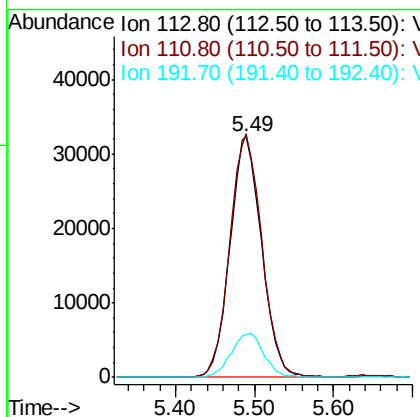
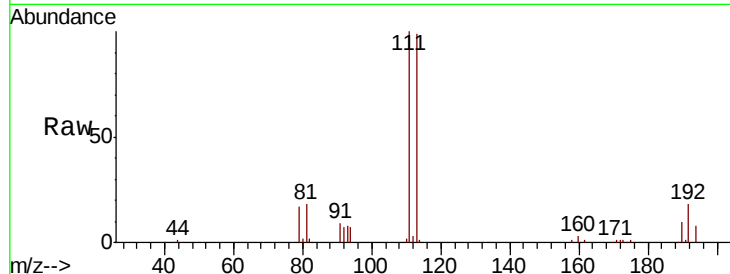




#35
 Dibromofluoromethane
 Concen: 52.089 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012991.D
 Acq: 10 Oct 2019 13:24

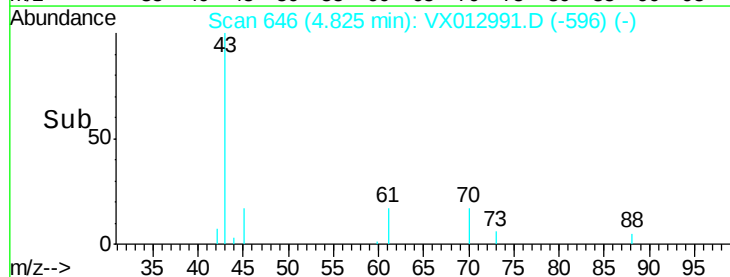
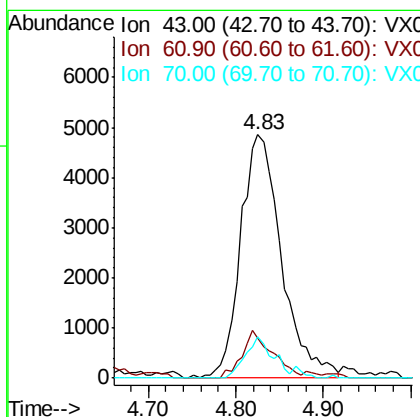
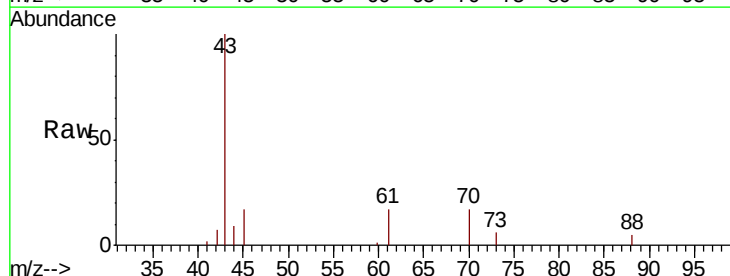
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1881

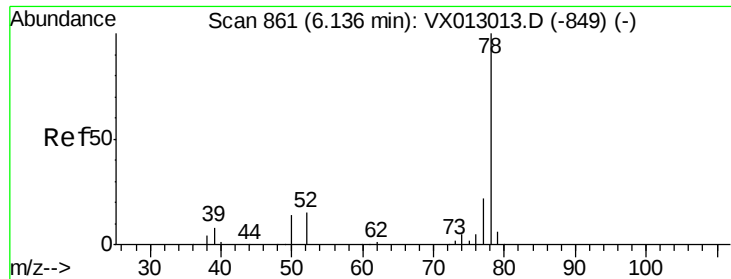
Tot Ion:113 Resp: 90239
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.2 124.8
 192 18.9 15.4 23.2



#37
 Ethyl Acetate
 Concen: 5.313 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX012991.D
 Acq: 10 Oct 2019 13:24

Tgt Ion: 43 Resp: 15767
 Ion Ratio Lower Upper
 43 100
 61 14.4 11.4 17.0
 70 11.4 9.8 14.6





#40

Benzene

Concen: 0.521 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX012991.D

Acq: 10 Oct 2019 13:24

Instrument :

MSVOA_X

ClientSampleId :

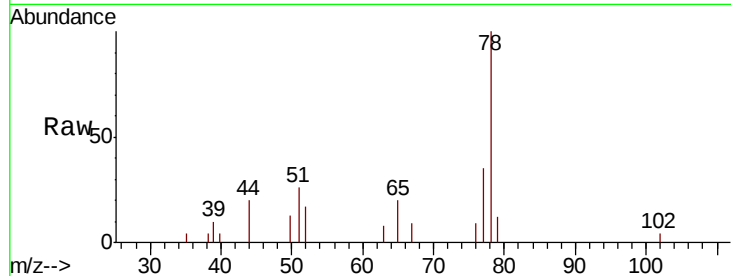
FA19-JMW1881

Tot Ion: 78 Resp: 4086

Ion Ratio Lower Upper

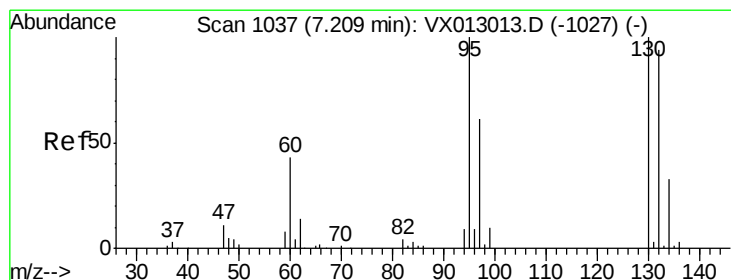
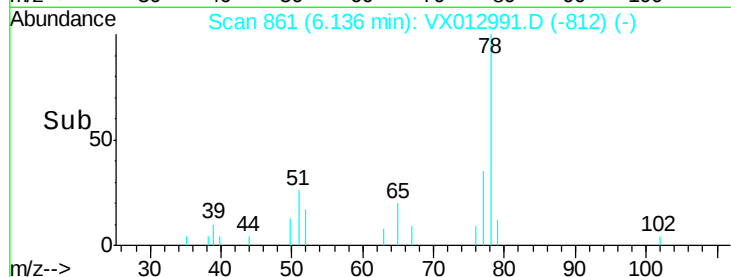
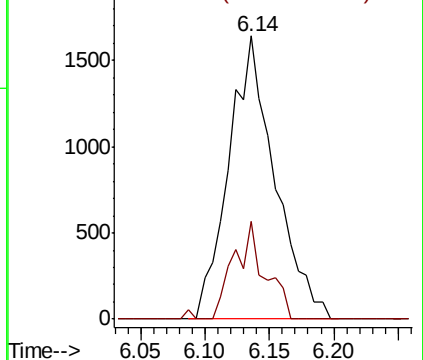
78 100

77 34.7 19.0 28.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#44

Trichloroethene

Concen: 2.641 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012991.D

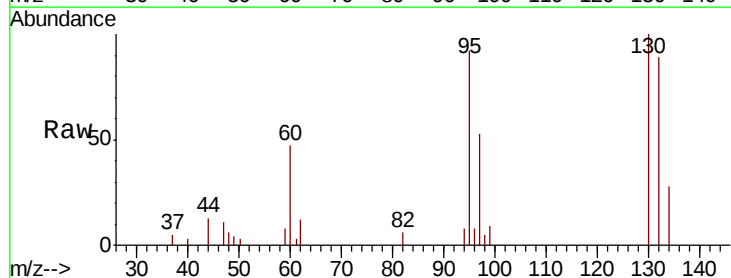
Acq: 10 Oct 2019 13:24

Tgt Ion: 130 Resp: 5741

Ion Ratio Lower Upper

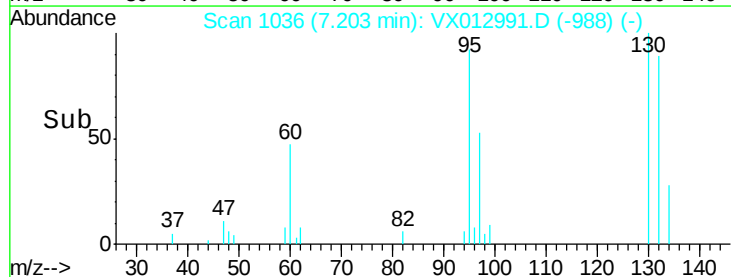
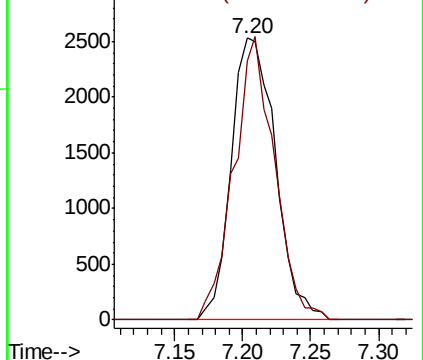
130 100

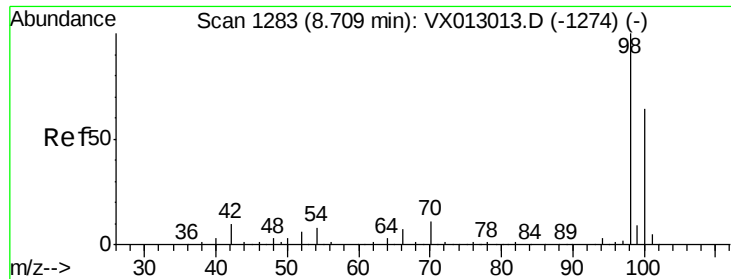
95 91.9 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

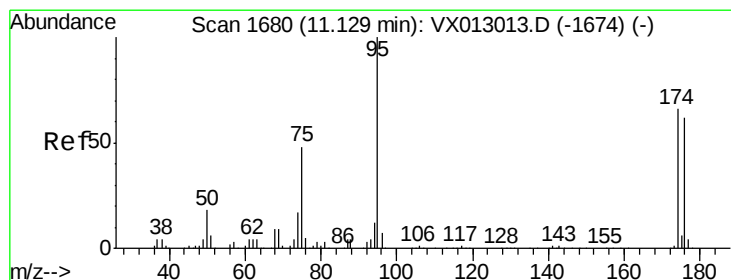
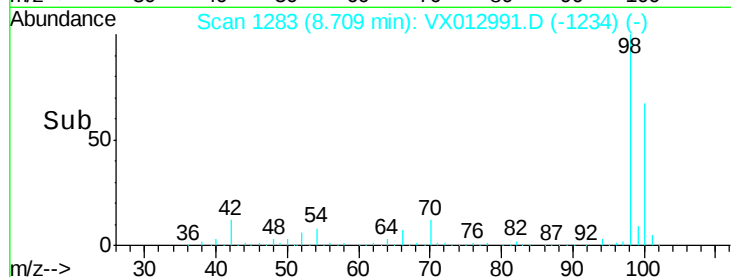
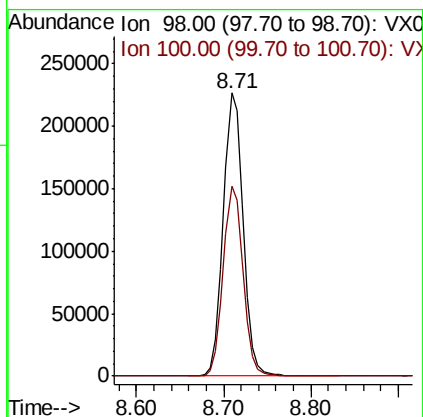
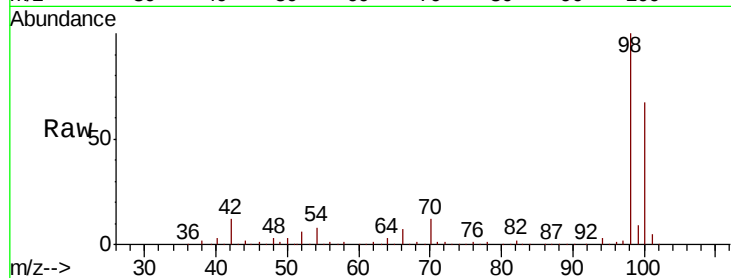




#50
Toluene-d8
Concen: 52.755 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012991.D
Acq: 10 Oct 2019 13:24

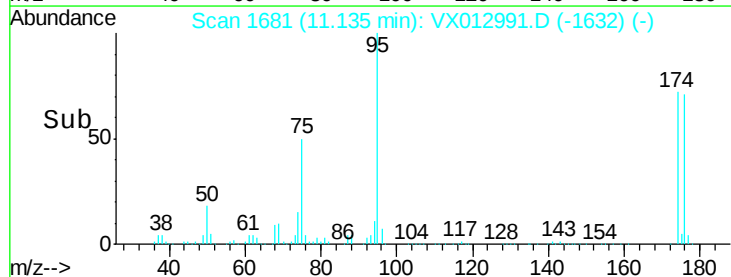
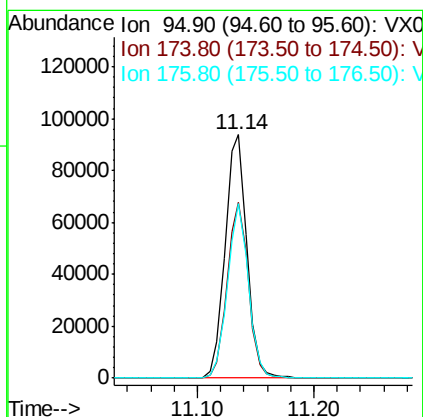
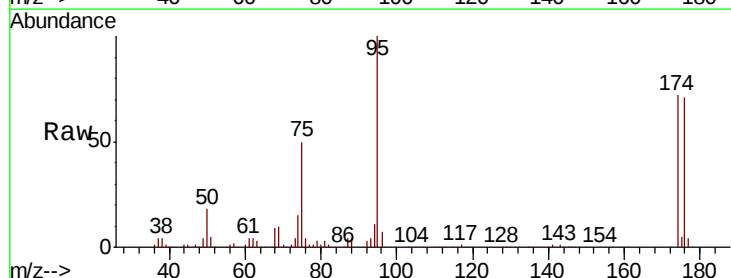
Instrument :
MSVOA_X
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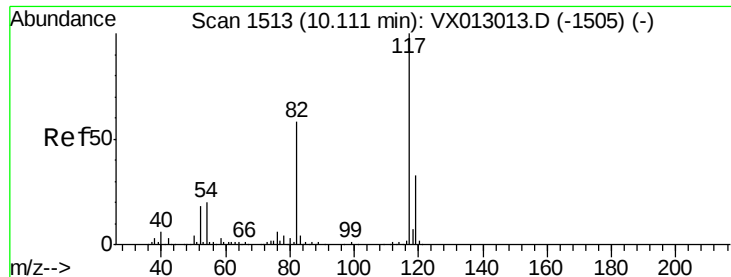
Tot Ion: 98 Resp: 356455
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 46.173 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012991.D
Acq: 10 Oct 2019 13:24

Tgt Ion: 95 Resp: 121222
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.4
176 69.1 0.0 136.0

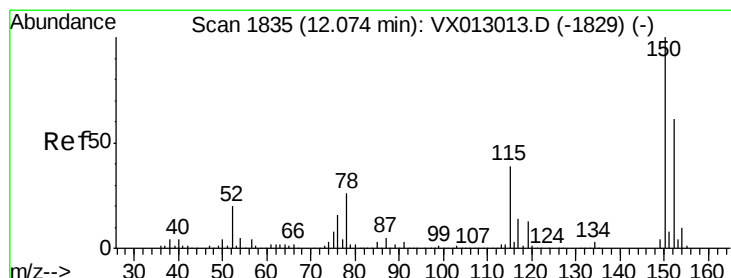
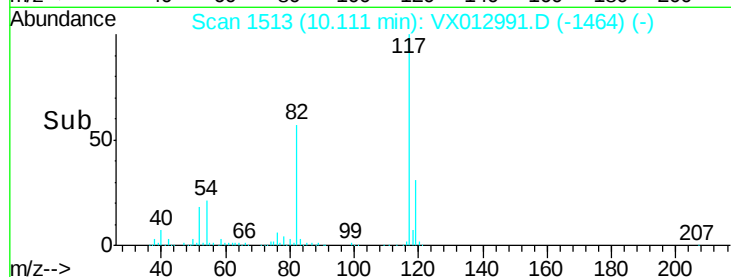
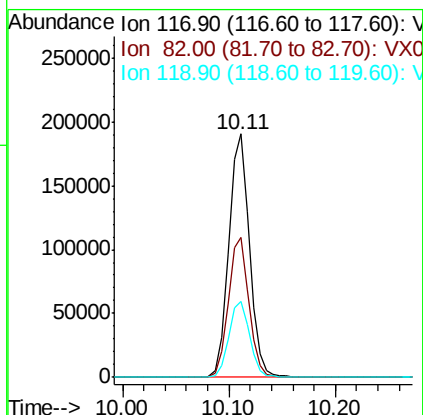
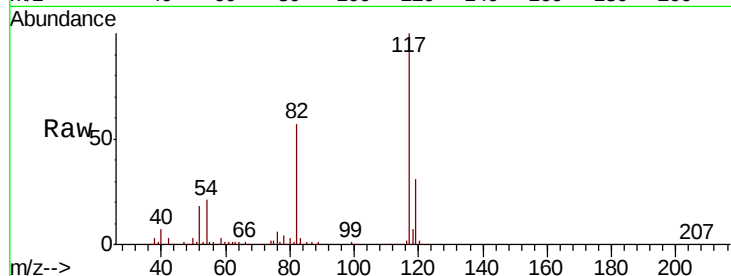




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012991.D
Acq: 10 Oct 2019 13:24

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1881

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.1	66.1
119	31.3	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012991.D
Acq: 10 Oct 2019 13:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.5	133.5
150	159.0	0.0	353.4

