

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008501.D
 Acq On : 27 Mar 2019 22:26
 Operator : JC/SP
 Sample : K2135-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-6

Quant Time: Mar 28 10:18:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	35984	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	201311	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	172921	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	89249	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.13	95	85736	28.46	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.87%
63) Toluene-d8	8.71	98	253310	30.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.87%

Target Compounds

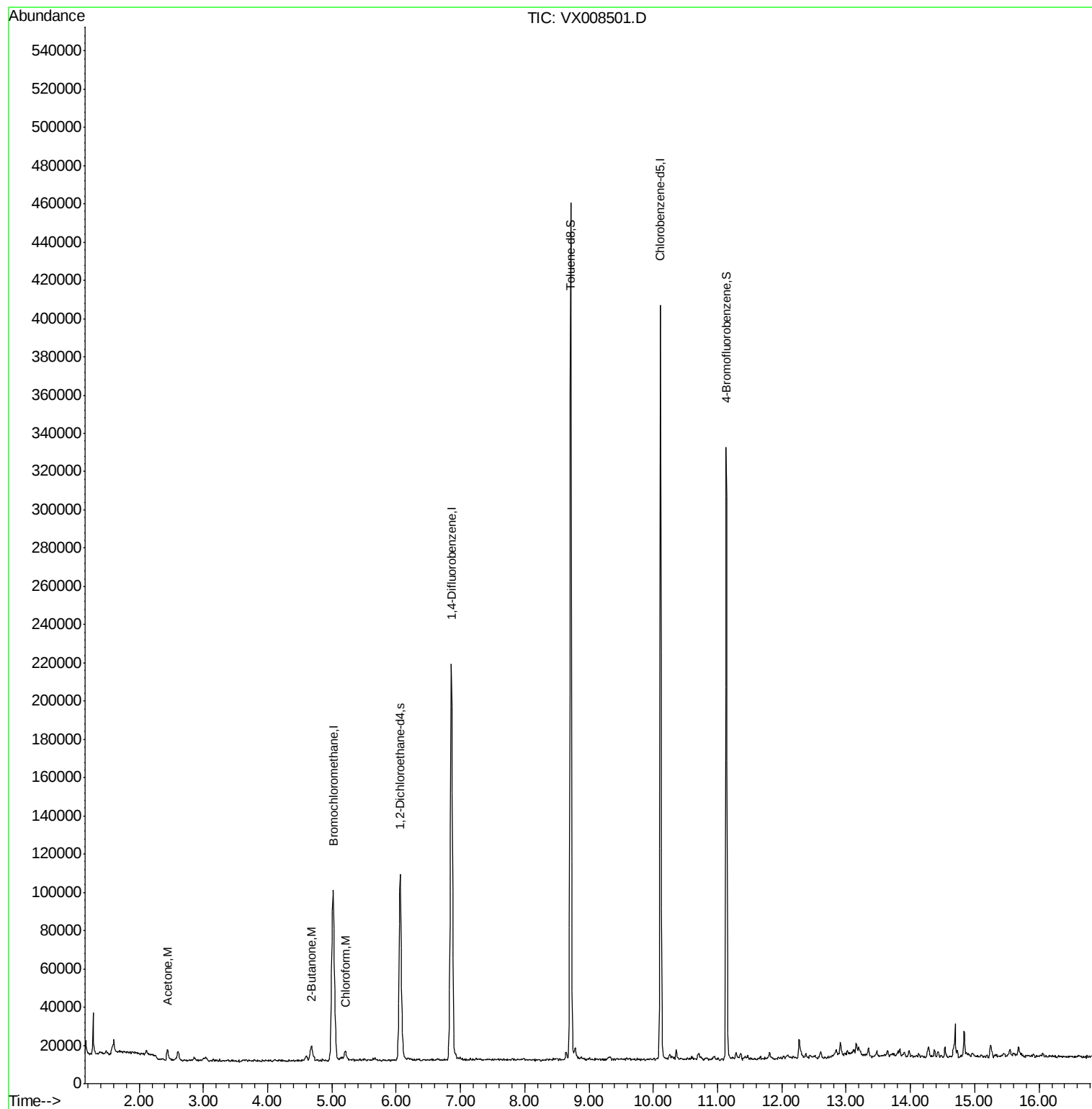
					Ovalue
15) Acetone	2.44	58	2235	4.245 ug/l	93
25) Chloroform	5.21	83	4975	1.098 ug/l	97
30) 2-Butanone	4.68	43	12698	5.099 ug/l #	90

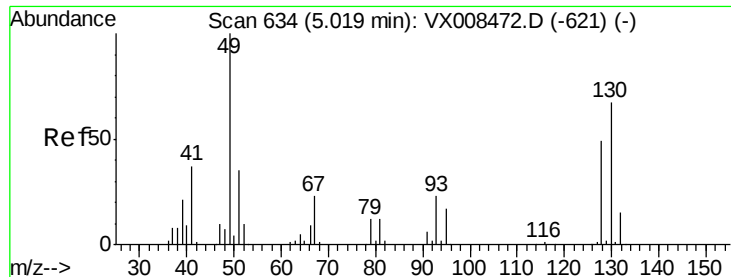
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 12:01:15 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008501.D

Acq: 27 Mar 2019 22:26

Instrument :

MSVOA_X

ClientSampled :

55-ST-6

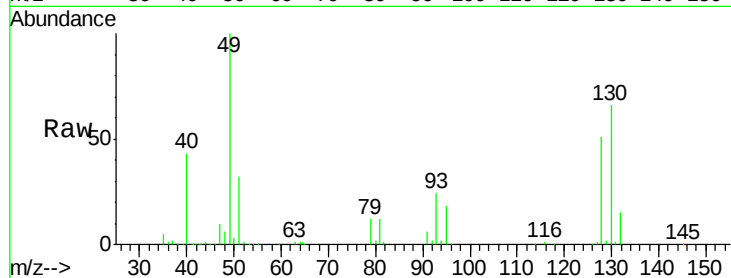
Tot Ion:128 Resp: 35984

Ion Ratio Lower Upper

128 100

49 201.9 0.0 350.8

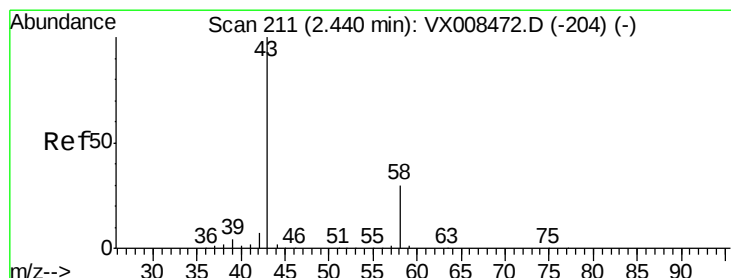
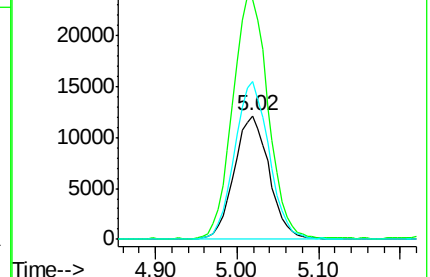
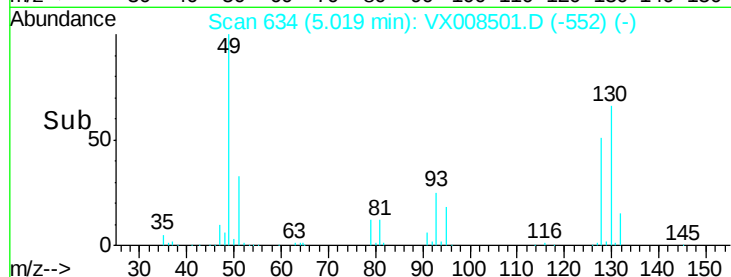
130 126.1 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 4.245 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008501.D

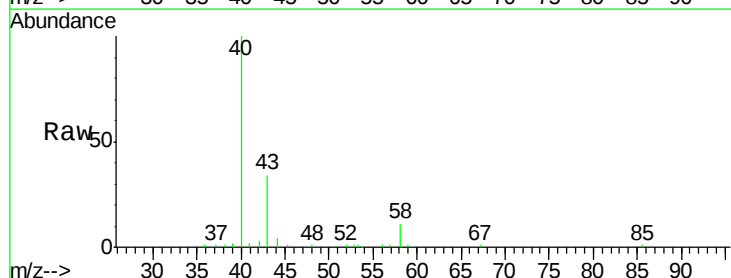
Acq: 27 Mar 2019 22:26

Tgt Ion: 58 Resp: 2235

Ion Ratio Lower Upper

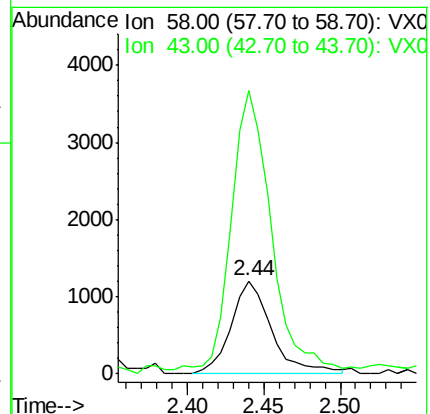
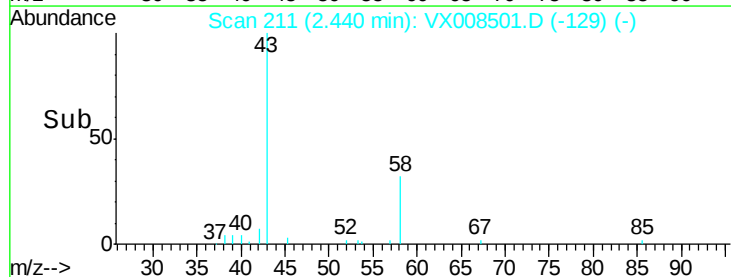
58 100

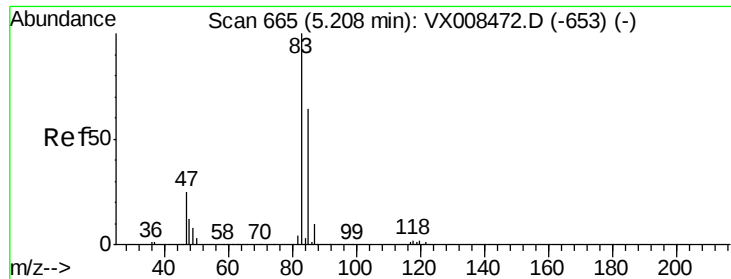
43 297.7 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

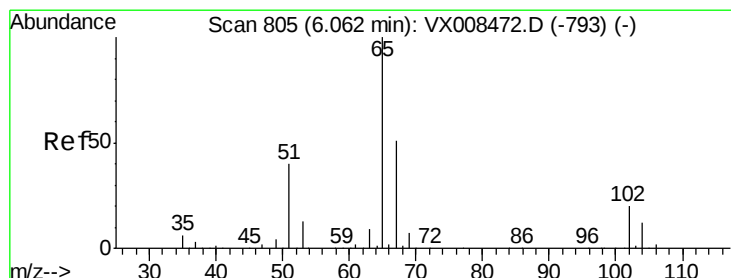
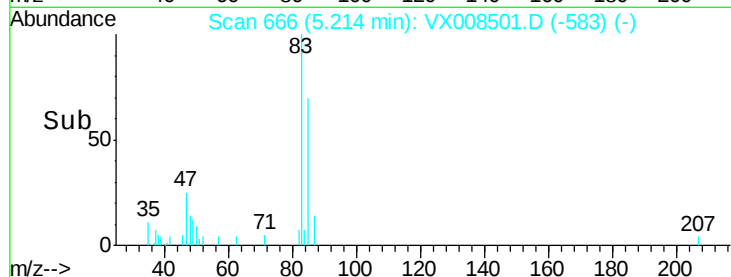
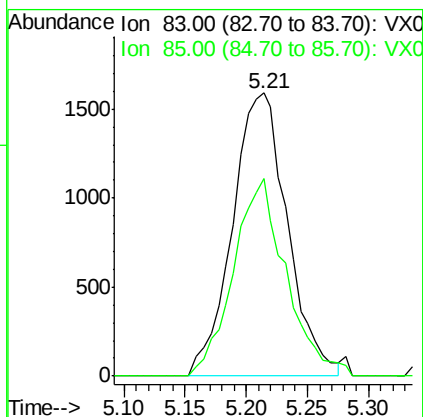
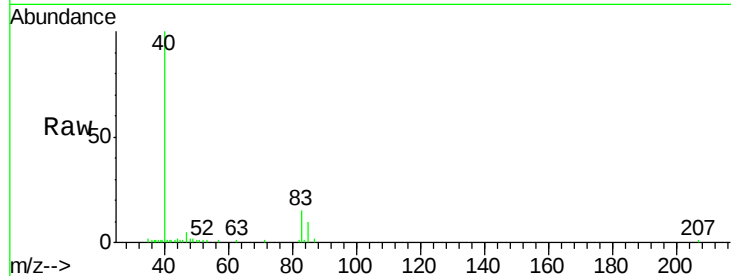




#25
Chloroform
Concen: 1.098 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX008501.D
Acq: 27 Mar 2019 22:26

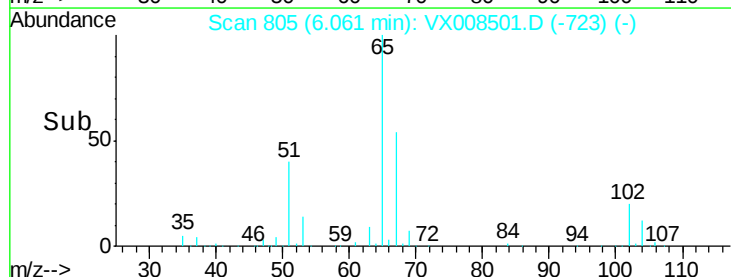
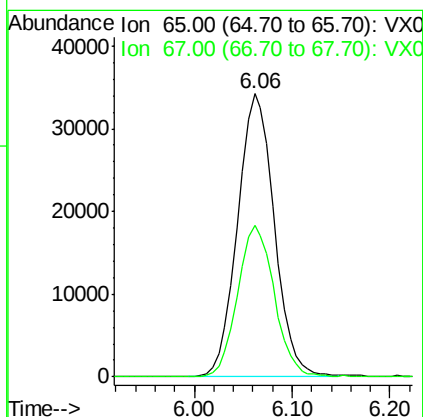
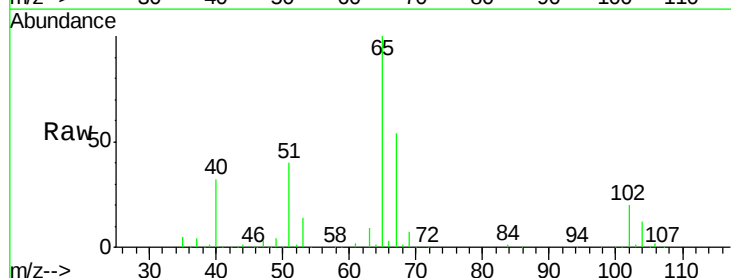
Instrument :
MSVOA_X
ClientSampleId :
55-ST-6

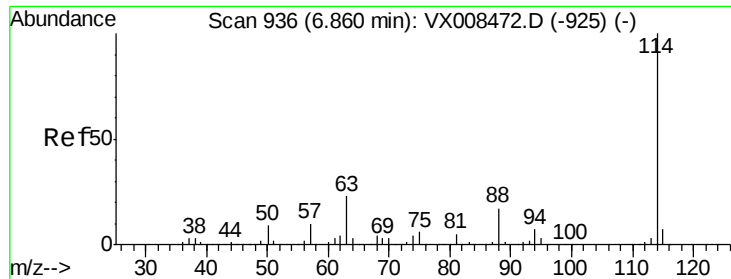
Tot Ion: 83 Resp: 4975
Ion Ratio Lower Upper
83 100
85 69.7 53.8 80.6



#27
1,2-Dichloroethane-d4
Concen: 29.649 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008501.D
Acq: 27 Mar 2019 22:26

Tgt Ion: 65 Resp: 89249
Ion Ratio Lower Upper
65 100
67 53.4 42.9 64.3

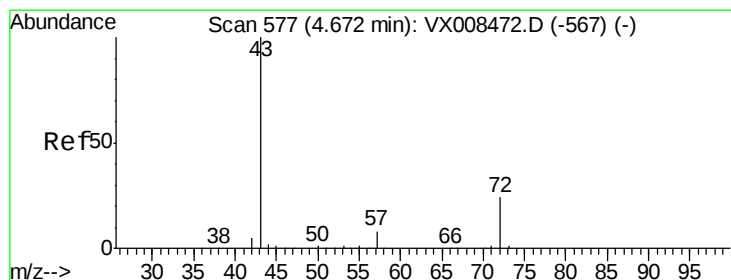
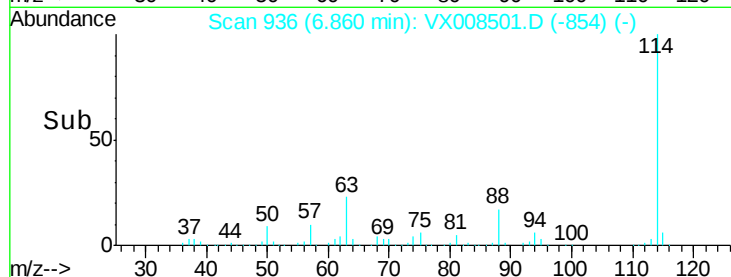
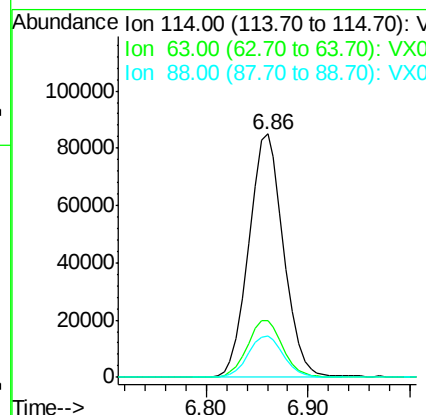
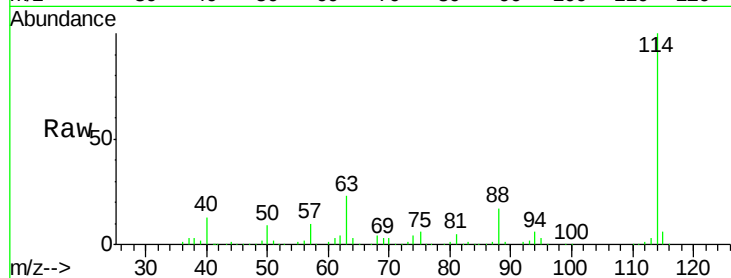




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008501.D
 Acq: 27 Mar 2019 22:26

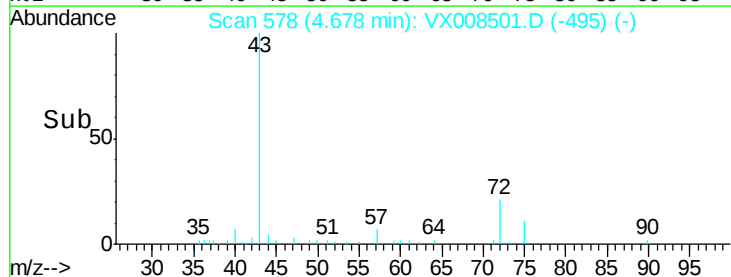
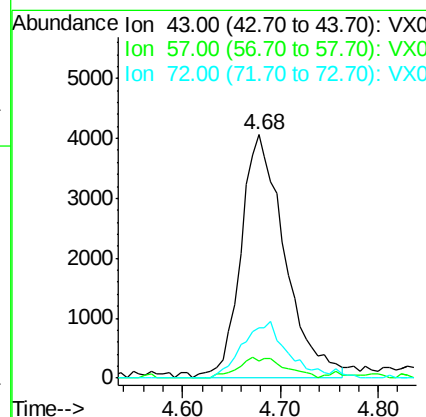
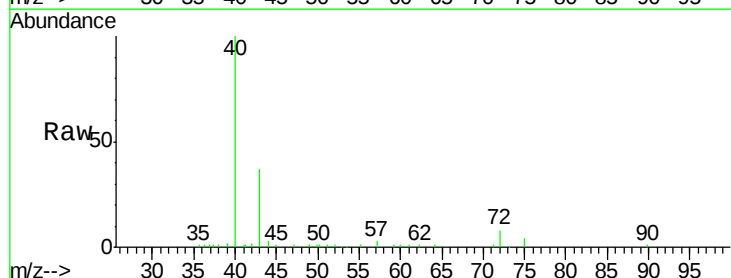
Instrument :
 MSVOA_X
 ClientSampled :
 55-ST-6

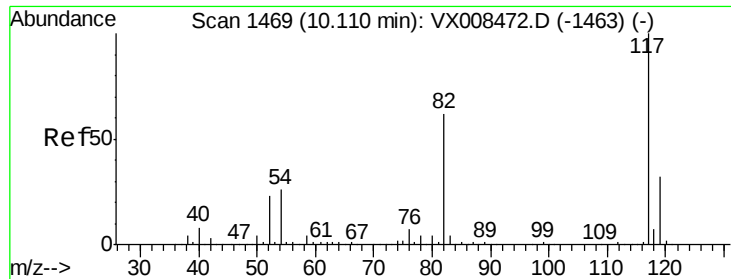
Tot Ion:114 Resp: 201311
 Ion Ratio Lower Upper
 114 100
 63 23.9 14.2 21.4#
 88 17.3 11.9 17.9



#30
 2-Butanone
 Concen: 5.099 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX008501.D
 Acq: 27 Mar 2019 22:26

Tgt Ion: 43 Resp: 12698
 Ion Ratio Lower Upper
 43 100
 57 4.3 7.0 10.6#
 72 22.4 21.5 32.3

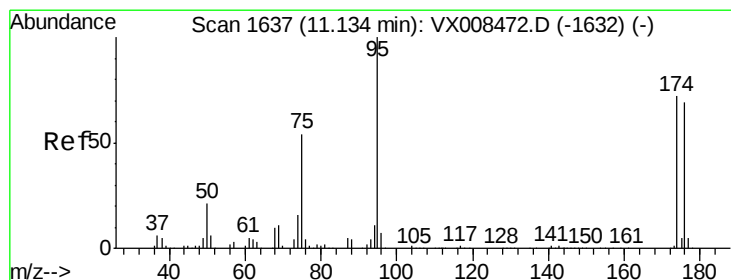
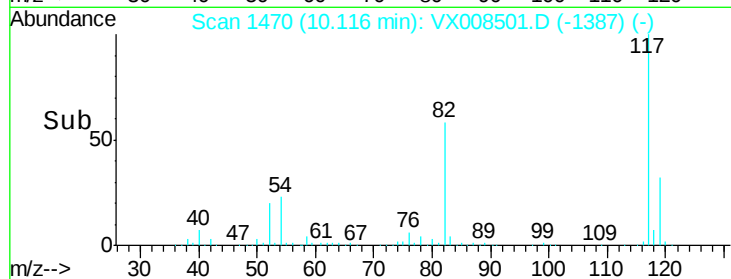
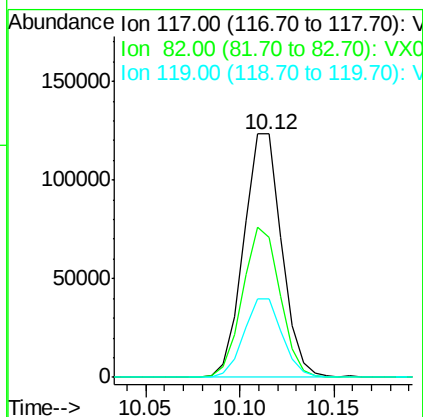
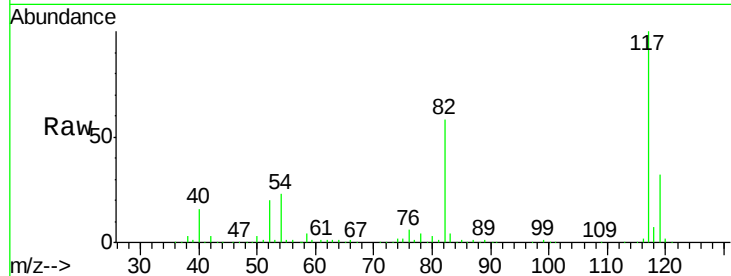




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008501.D
Acq: 27 Mar 2019 22:26

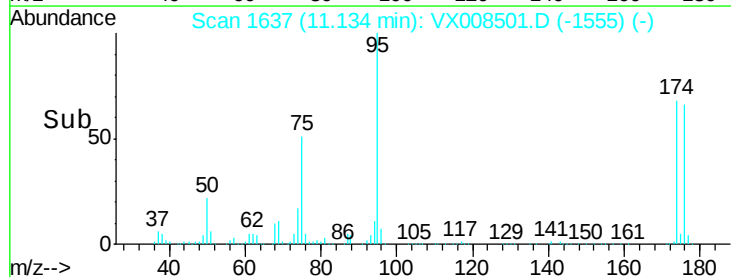
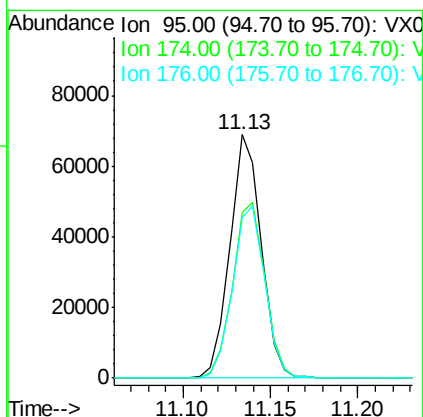
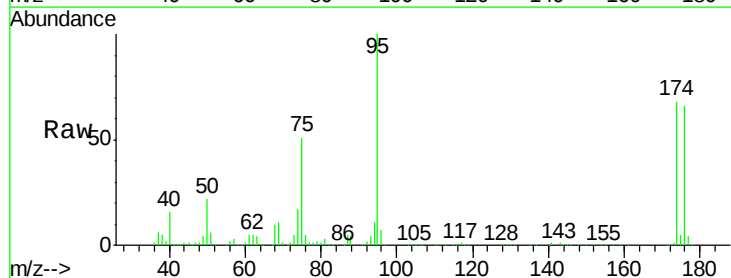
Instrument :
MSVOA_X
ClientSampleId :
55-ST-6

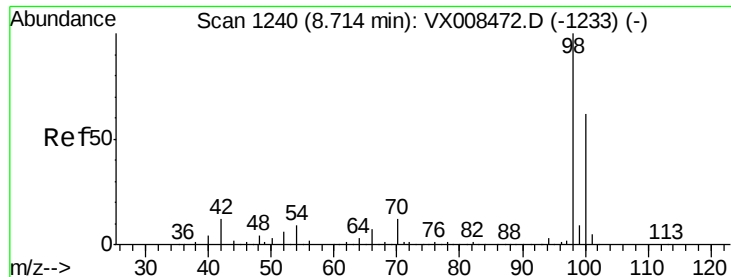
Tot Ion:117 Resp: 172921
Ion Ratio Lower Upper
117 100
82 61.1 40.4 60.6#
119 32.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 28.457 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008501.D
Acq: 27 Mar 2019 22:26

Tgt Ion: 95 Resp: 85736
Ion Ratio Lower Upper
95 100
174 75.1 74.9 112.3
176 73.0 70.7 106.1





#63

Toluene-d8

Concen: 30.861 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008501.D

Acq: 27 Mar 2019 22:26

Instrument :

MSVOA_X

ClientSampleId :

55-ST-6

Tot Ion: 98 Resp: 253310

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3

