

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009305.D
 Acq On : 03 May 2019 12:20
 Operator : JC/SP
 Sample : K2665-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-11

Quant Time: May 04 03:26:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	31055	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	175598	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	153613	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	77201	29.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.90%
60) 4-Bromofluorobenzene	11.13	95	72251	27.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.27%
63) Toluene-d8	8.71	98	219284	30.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.37%

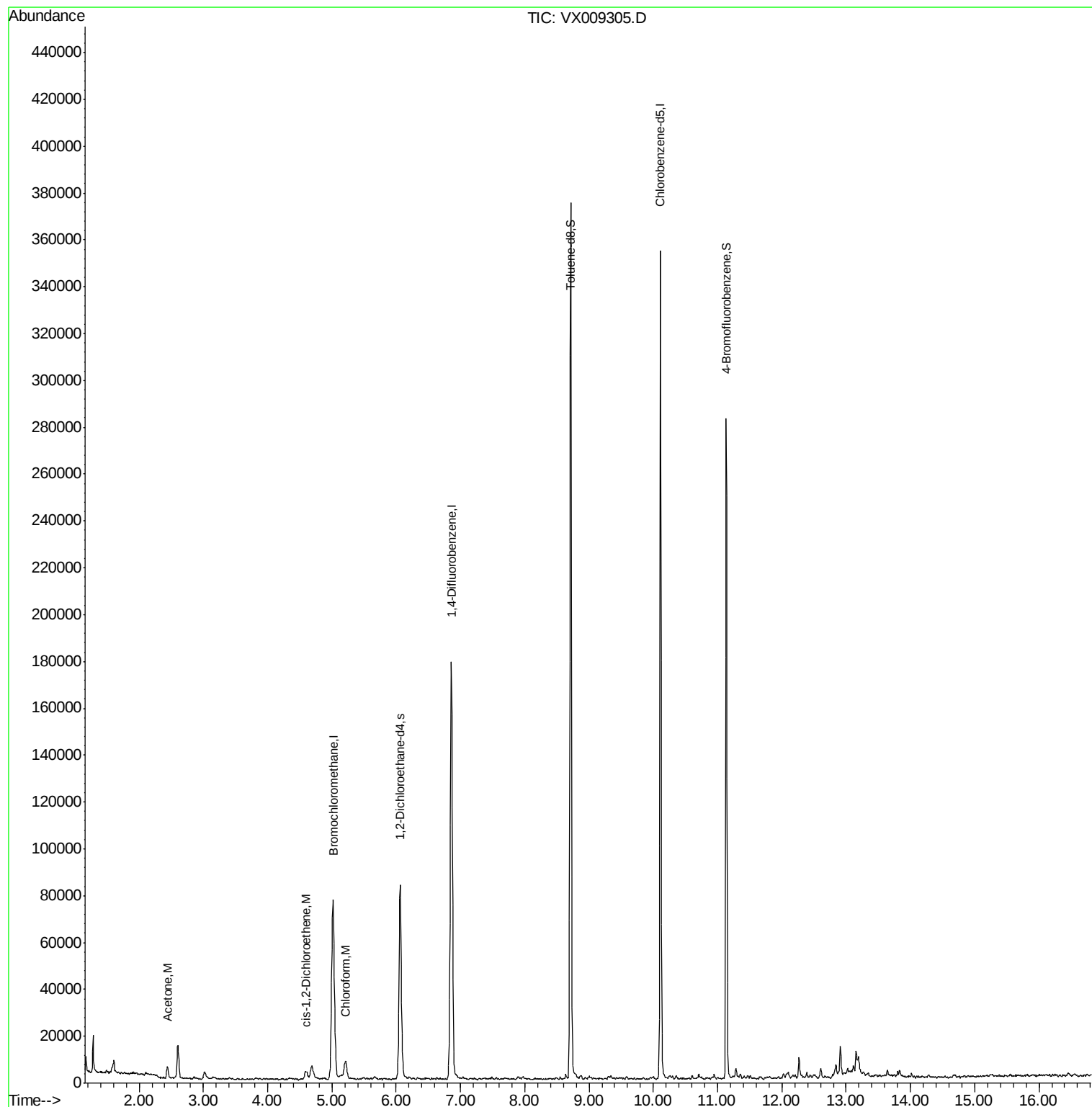
Target Compounds					Ovalue
15) Acetone	2.44	58	2010	5.042 ug/l	89
22) cis-1,2-Dichloroethene	4.60	96	2279	1.045 ug/l #	85
25) Chloroform	5.21	83	8533	2.406 ug/l	95

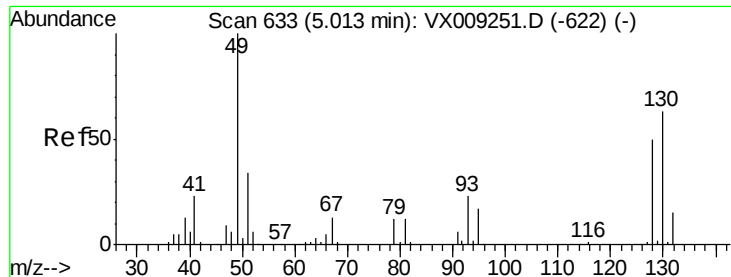
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 06:46:57 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009305.D

Acq: 03 May 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

55-ST-11

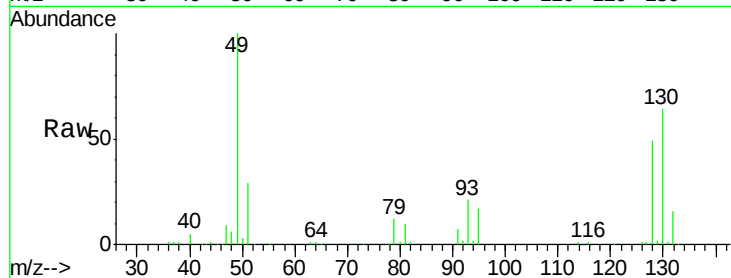
Tot Ion:128 Resp: 31055

Ion Ratio Lower Upper

128 100

49 202.5 0.0 515.0

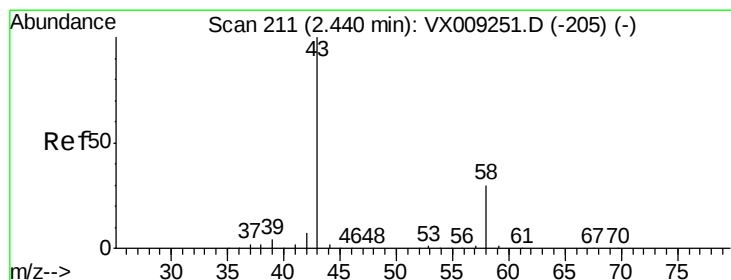
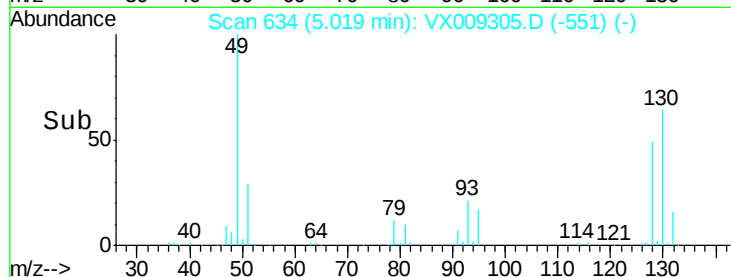
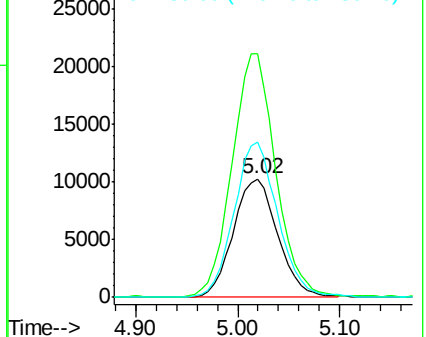
130 128.4 0.0 323.3



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: 5.042 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX009305.D

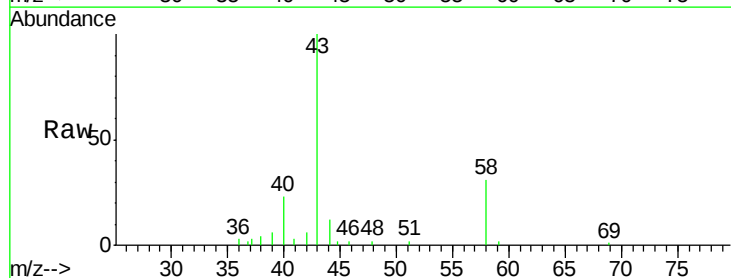
Acq: 03 May 2019 12:20

Tgt Ion: 58 Resp: 2010

Ion Ratio Lower Upper

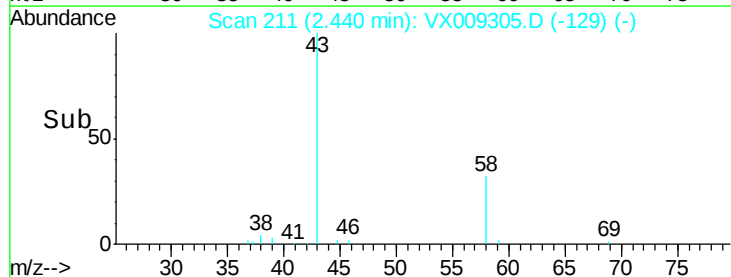
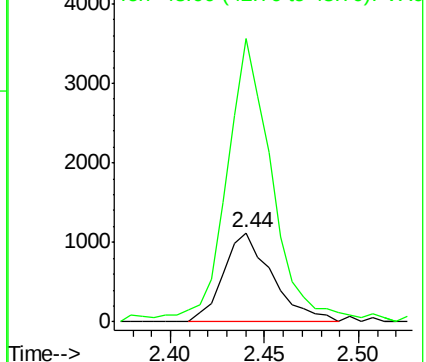
58 100

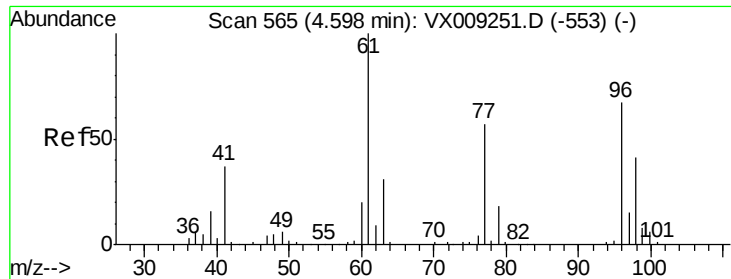
43 307.8 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#22

cis-1,2-Dichloroethene

Concen: 1.045 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009305.D

Acq: 03 May 2019 12:20

Instrument :

MSVOA_X

ClientSampled :

55-ST-11

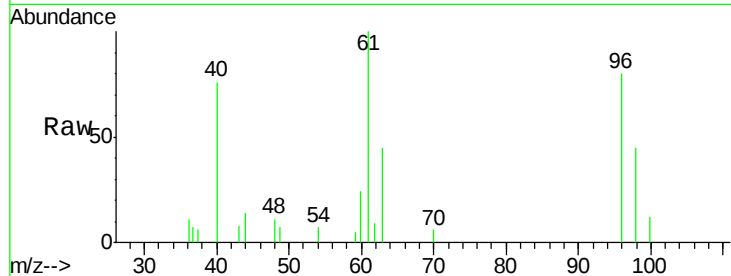
Tot Ion: 96 Resp: 2279

Ion Ratio Lower Upper

96 100

61 142.3 127.7 191.5

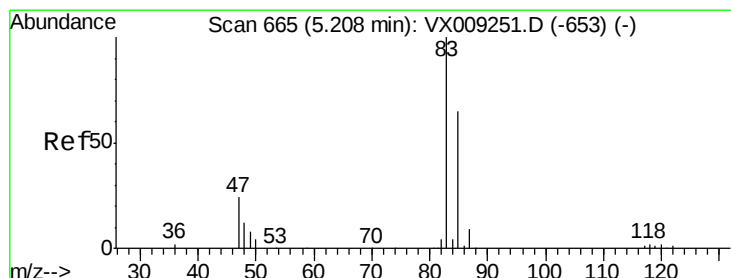
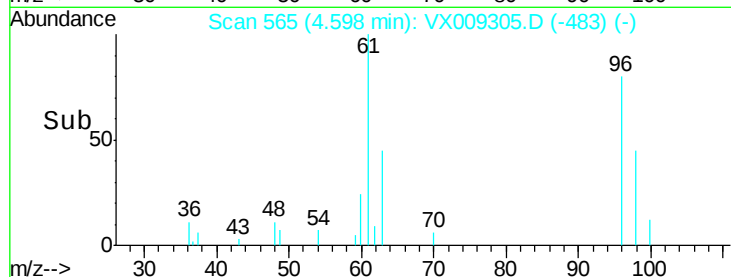
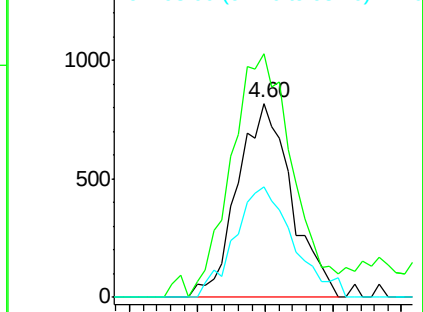
98 46.7 50.5 75.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#25

Chloroform

Concen: 2.406 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009305.D

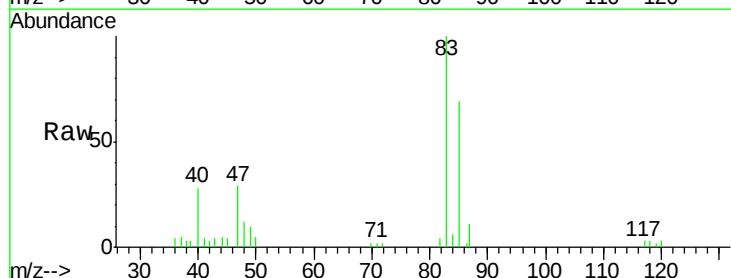
Acq: 03 May 2019 12:20

Tgt Ion: 83 Resp: 8533

Ion Ratio Lower Upper

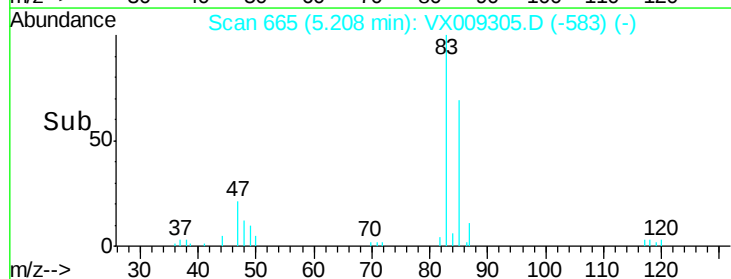
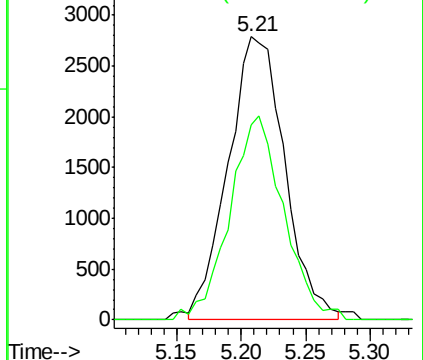
83 100

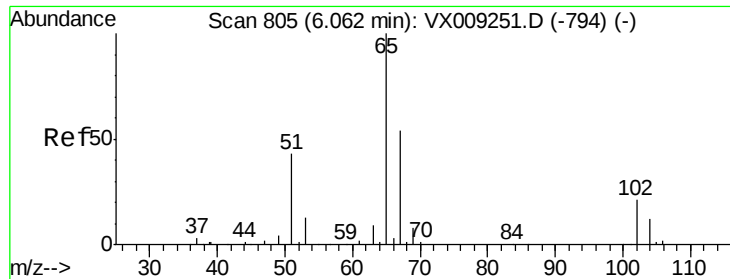
85 68.7 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

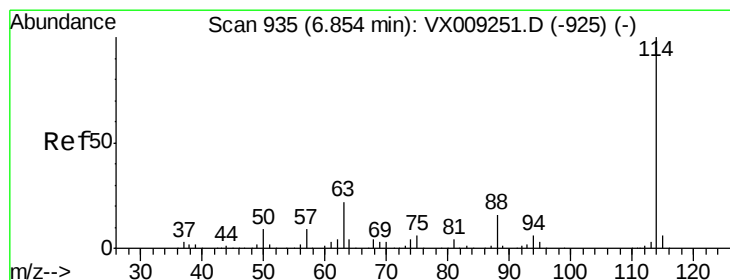
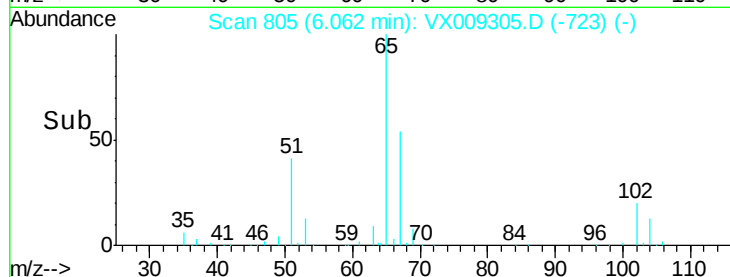
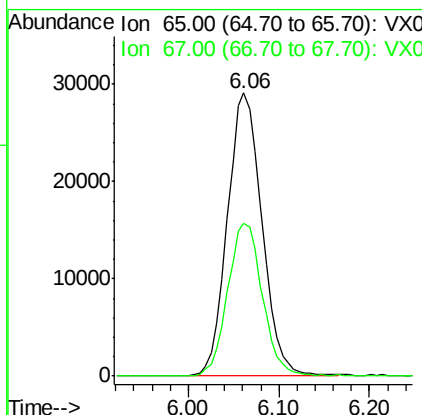
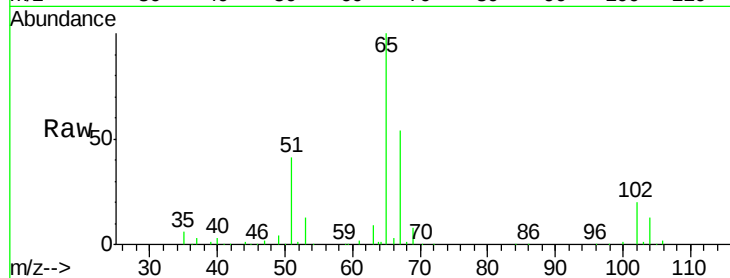




#27
 1,2-Dichloroethane-d4
 Concen: 29.968 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009305.D
 Acq: 03 May 2019 12:20

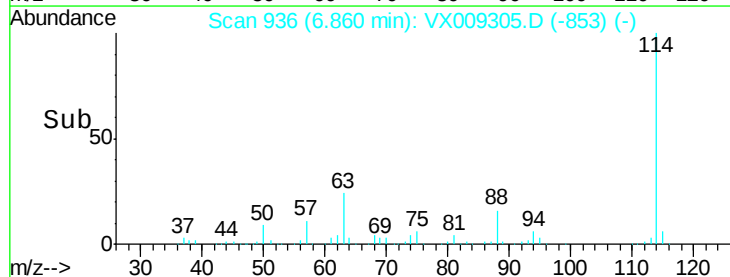
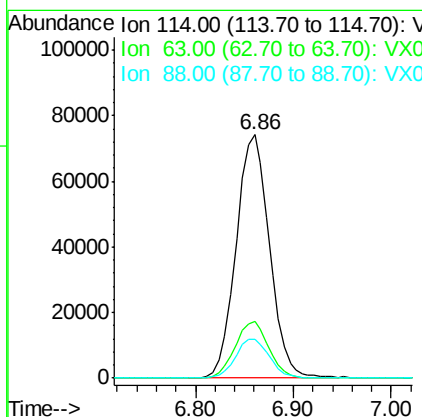
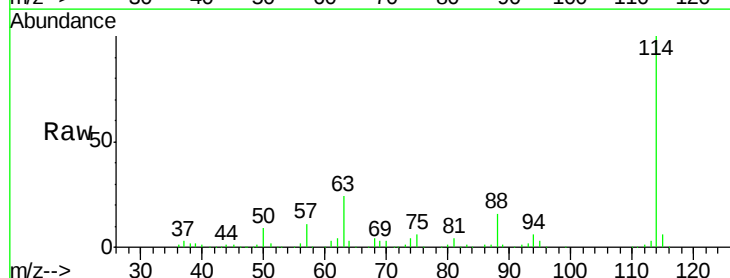
Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-11

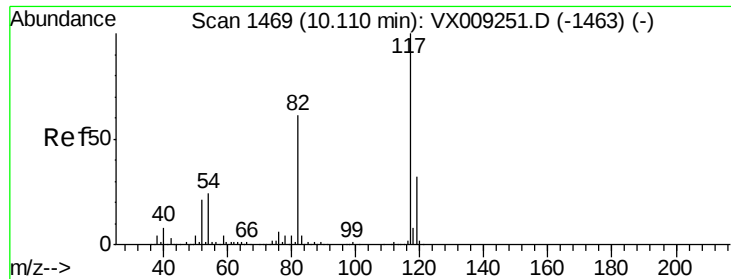
Tot Ion: 65 Resp: 77201
 Ion Ratio Lower Upper
 65 100
 67 53.9 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VX009305.D
 Acq: 03 May 2019 12:20

Tgt Ion: 114 Resp: 175598
 Ion Ratio Lower Upper
 114 100
 63 23.4 18.0 27.0
 88 16.3 13.4 20.0

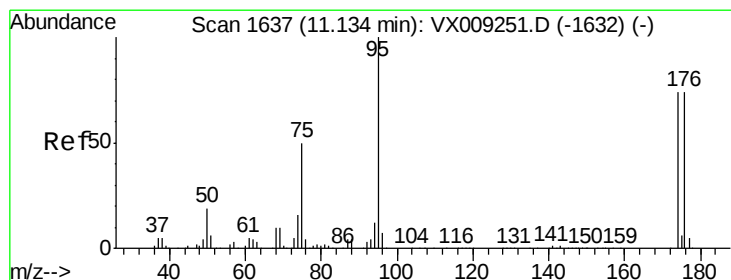
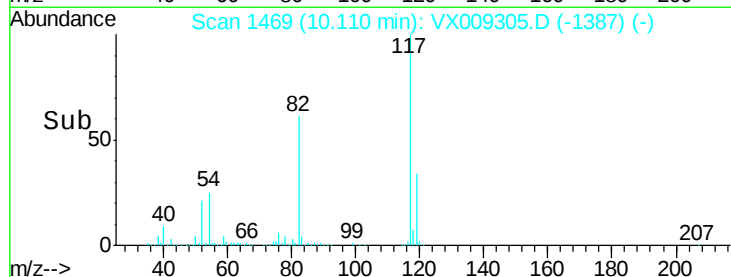
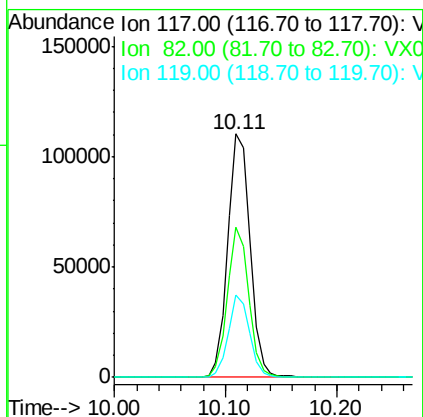
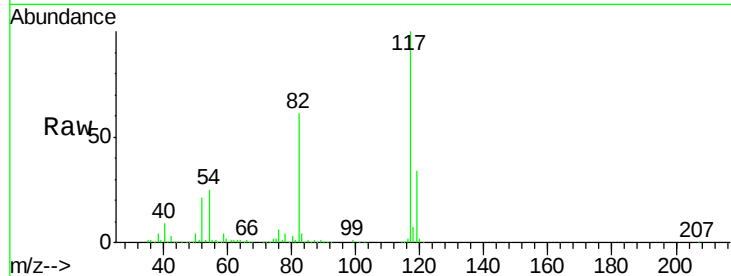




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009305.D
Acq: 03 May 2019 12:20

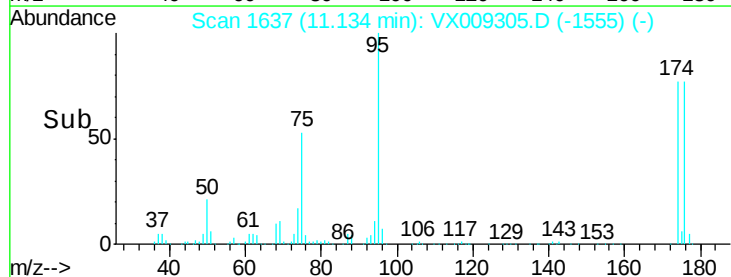
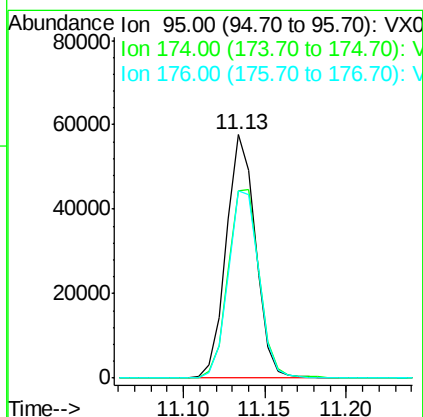
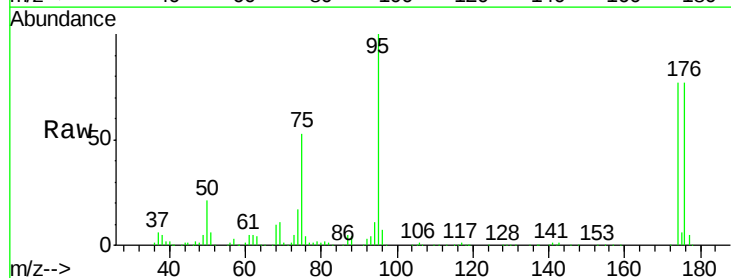
Instrument :
MSVOA_X
ClientSampled :
55-ST-11

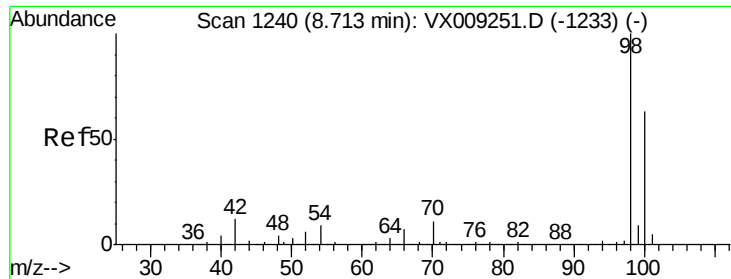
Tot Ion:117 Resp: 153613
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 32.0 25.6 38.4



#60
4-Bromofluorobenzene
Concen: 27.680 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009305.D
Acq: 03 May 2019 12:20

Tgt Ion: 95 Resp: 72251
Ion Ratio Lower Upper
95 100
174 81.5 63.6 95.4
176 80.1 62.4 93.6





#63

Toluene-d8

Concen: 30.109 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009305.D

Acq: 03 May 2019 12:20

Instrument :

MSVOA_X

ClientSampleId :

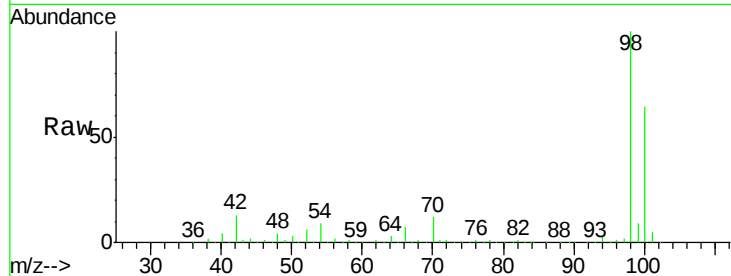
55-ST-11

Tot Ion: 98 Resp: 219284

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V%

