

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015999.D
 Acq On : 30 Apr 2020 16:45
 Operator : JC/SP
 Sample : L2430-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 37-ST-2020

Quant Time: May 01 08:50:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	45495	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	251796	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	224583	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	107938	30.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.90%
60) 4-Bromofluorobenzene	11.12	95	107963	28.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.57%
63) Toluene-d8	8.70	98	296303	30.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.53%

Target Compounds

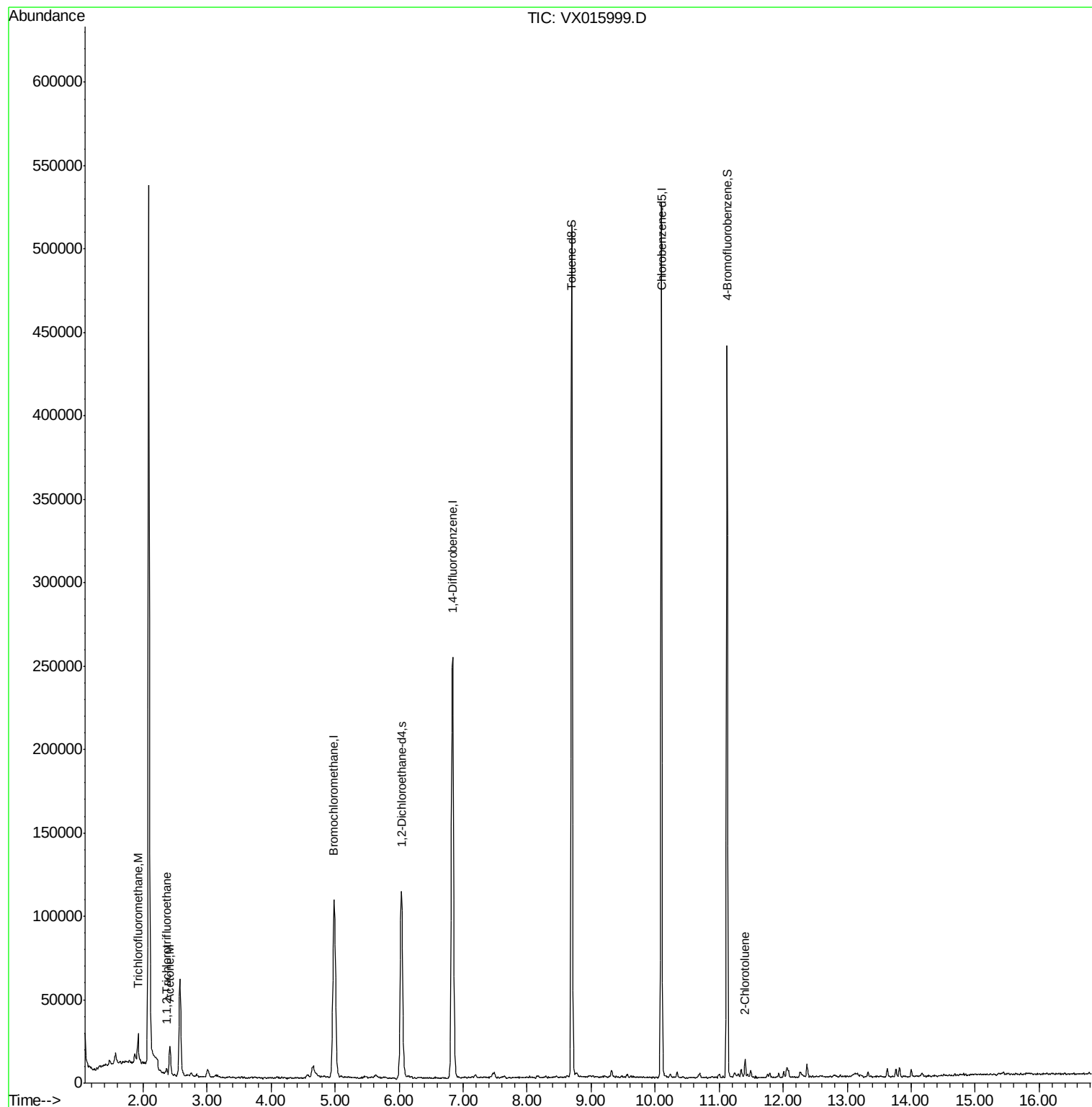
					Ovalue
7) Trichlorofluoromethane	1.92	101	10258	2.053	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1037	0.402	ug/l 96
15) Acetone	2.42	58	5902	13.283	ug/l 87
75) 2-Chlorotoluene	11.41	91	4531	0.490	ug/l 96

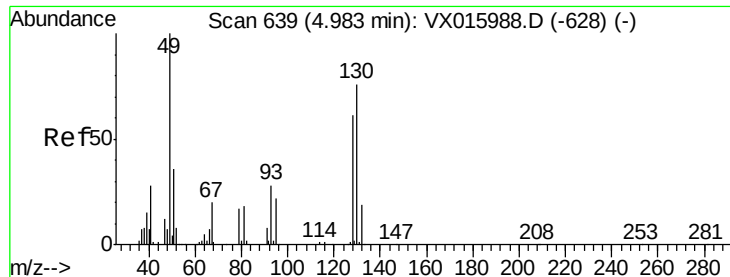
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX015999.D

Acq: 30 Apr 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

37-ST-2020

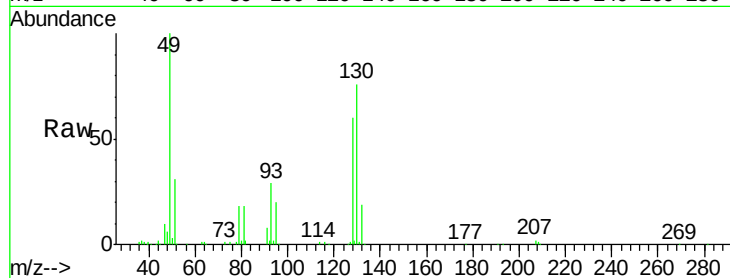
Tot Ion:128 Resp: 45495

Ion Ratio Lower Upper

128 100

49 163.5 0.0 418.5

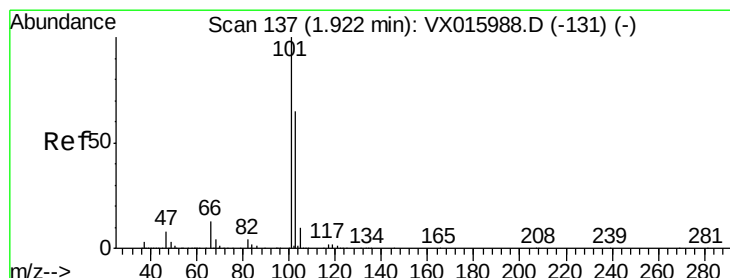
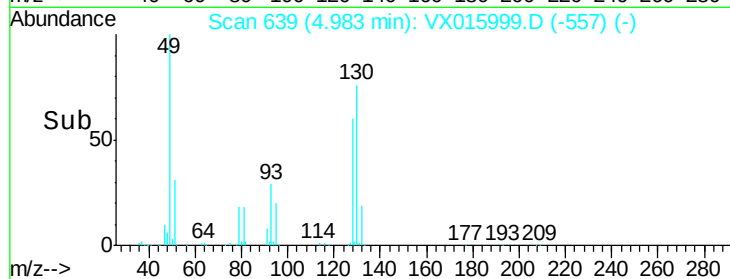
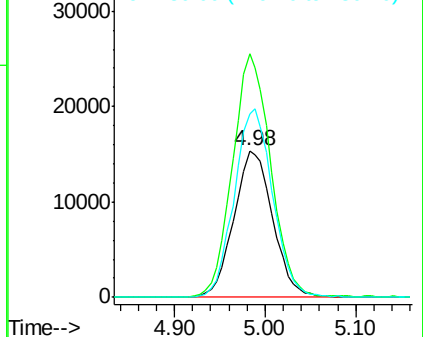
130 128.2 0.0 326.3



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



#7

Trichlorofluoromethane

Concen: 2.053 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015999.D

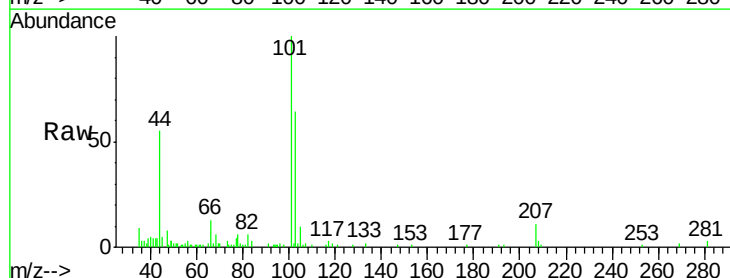
Acq: 30 Apr 2020 16:45

Tgt Ion:101 Resp: 10258

Ion Ratio Lower Upper

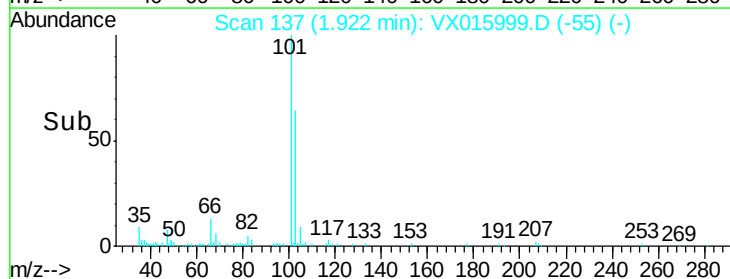
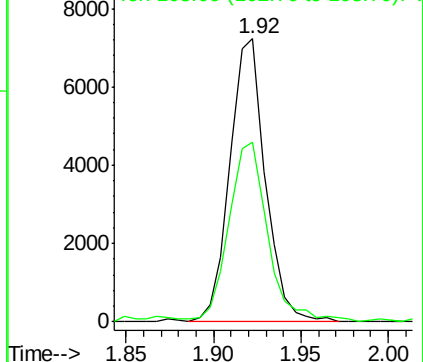
101 100

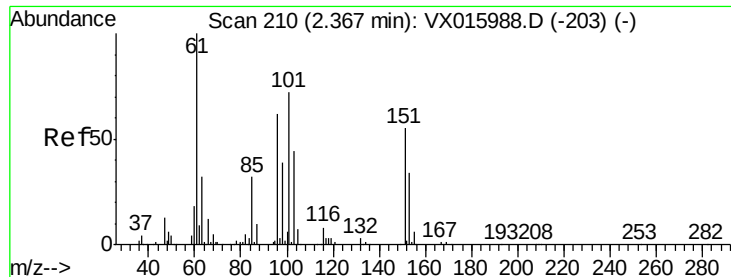
103 62.6 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.402 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015999.D

Acq: 30 Apr 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

37-ST-2020

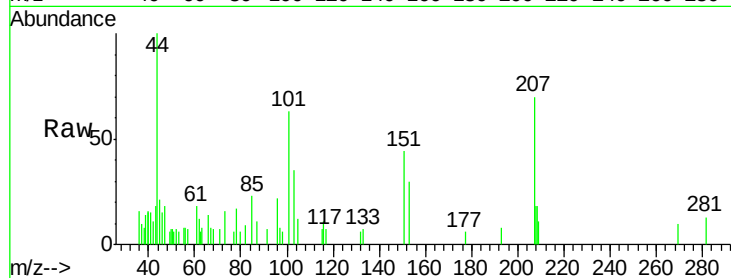
Tot Ion:101 Resp: 1037

Ion Ratio Lower Upper

101 100

85 45.4 0.0 90.6

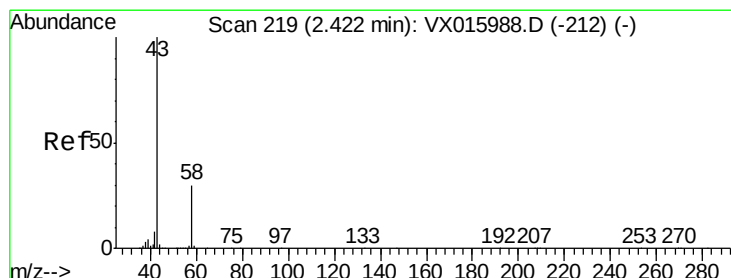
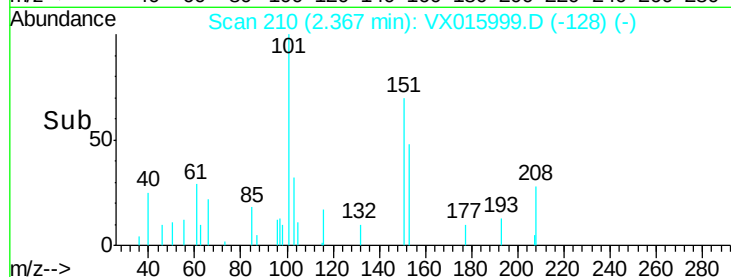
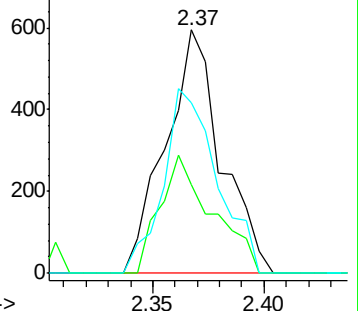
151 73.1 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#15

Acetone

Concen: 13.283 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015999.D

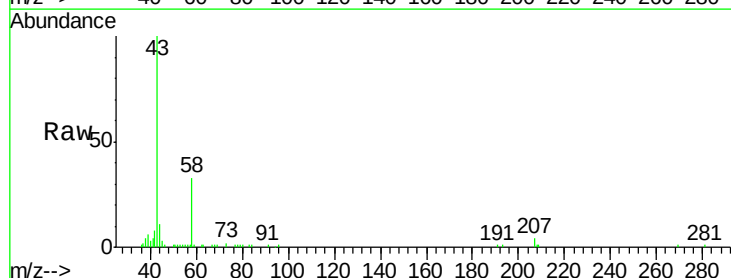
Acq: 30 Apr 2020 16:45

Tgt Ion: 58 Resp: 5902

Ion Ratio Lower Upper

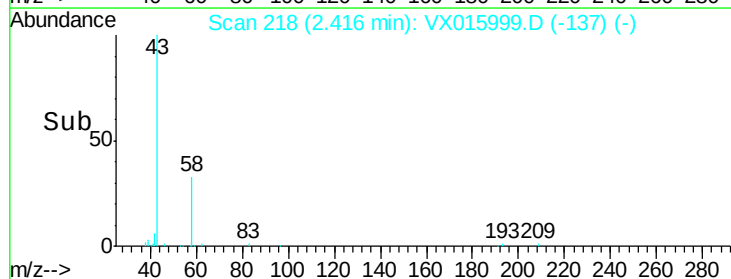
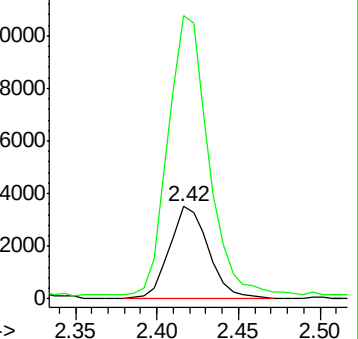
58 100

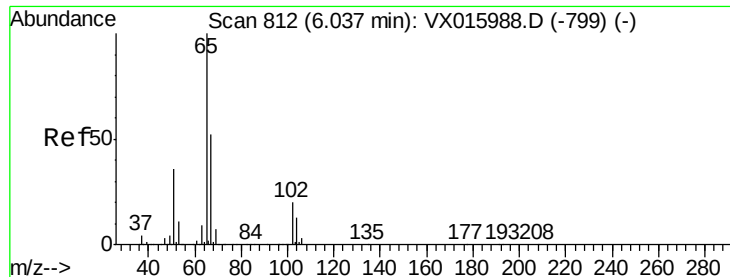
43 302.1 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

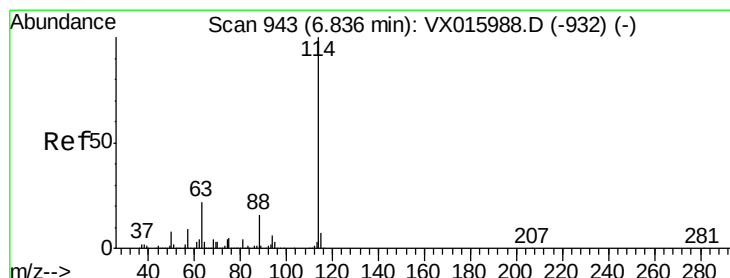
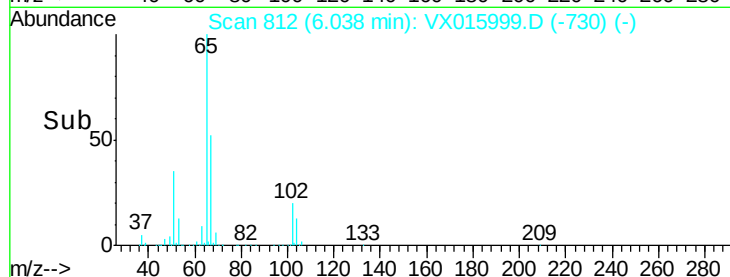
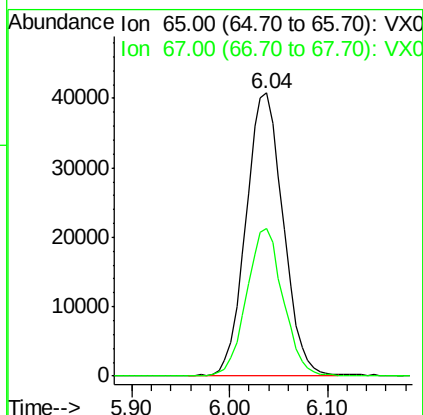
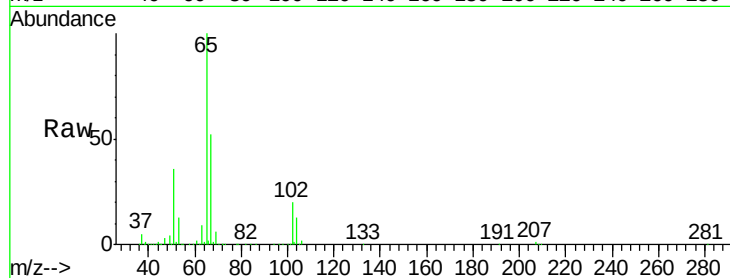




#27
 1,2-Dichloroethane-d4
 Concen: 30.871 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015999.D
 Acq: 30 Apr 2020 16:45

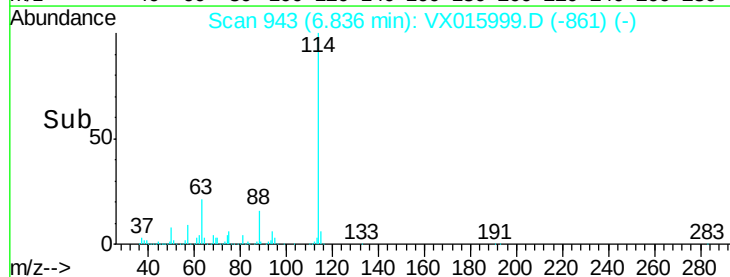
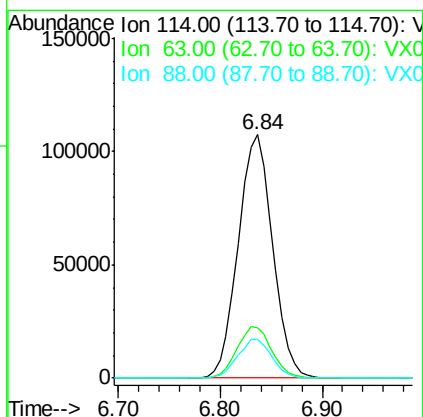
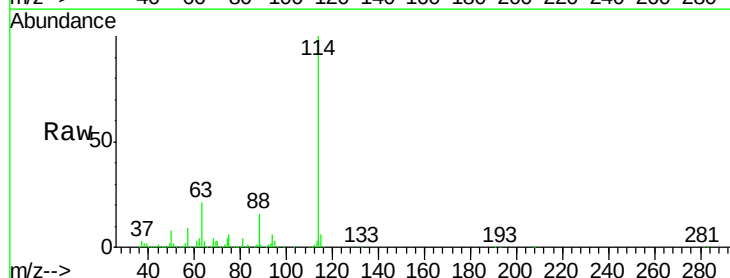
Instrument :
 MSVOA_X
 ClientSampleId :
 37-ST-2020

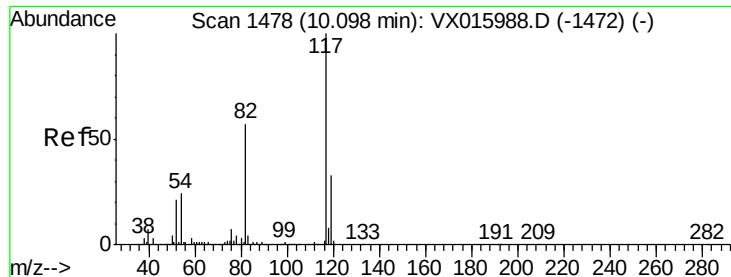
Tot Ion: 65 Resp: 107938
 Ion Ratio Lower Upper
 65 100
 67 51.0 41.0 61.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015999.D
 Acq: 30 Apr 2020 16:45

Tgt Ion: 114 Resp: 251796
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.1 25.7
 88 16.0 13.0 19.4

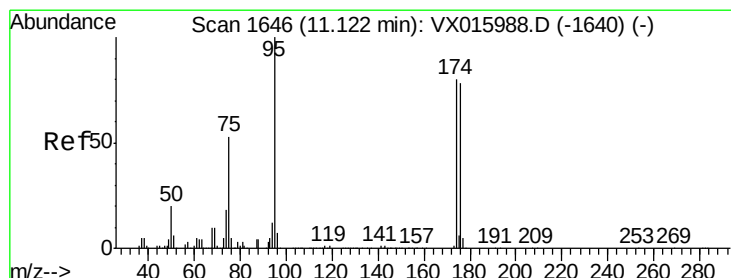
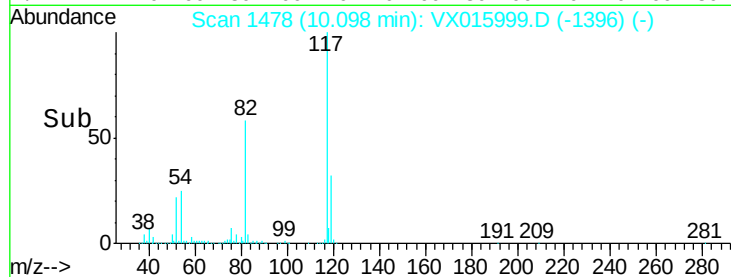
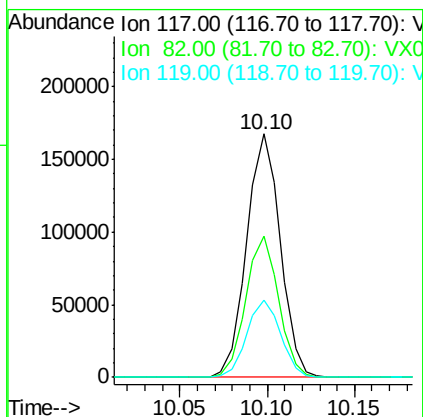
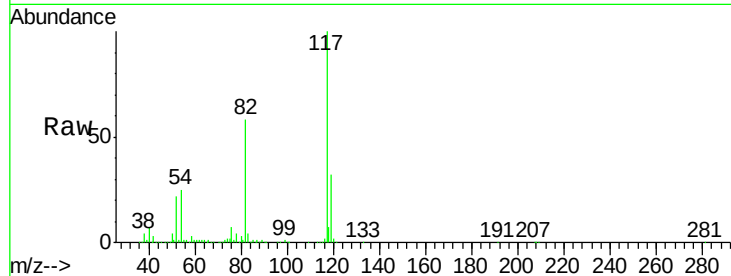




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015999.D
Acq: 30 Apr 2020 16:45

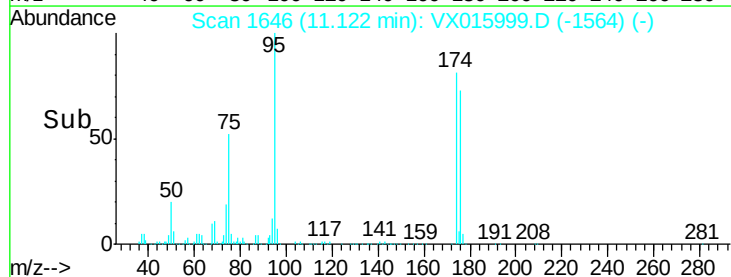
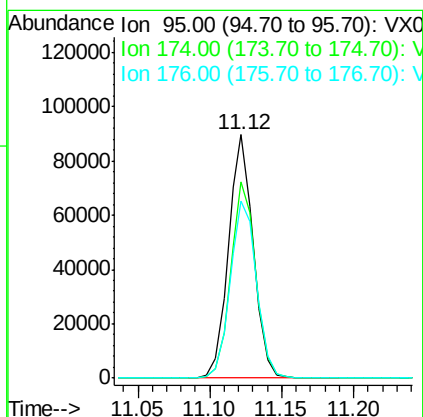
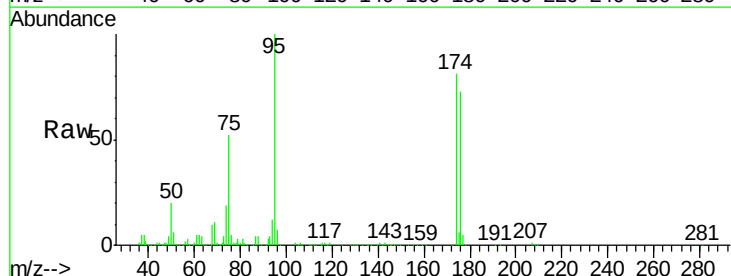
Instrument :
MSVOA_X
ClientSampled :
37-ST-2020

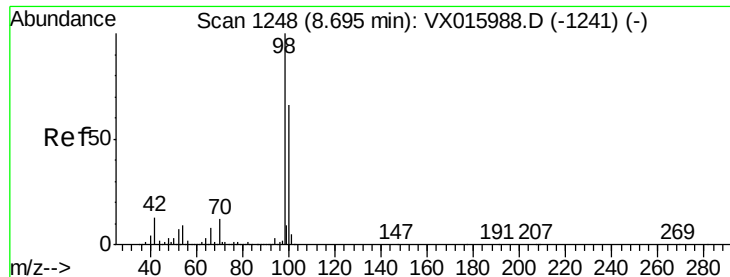
Tot Ion:117 Resp: 224583
Ion Ratio Lower Upper
117 100
82 56.7 45.1 67.7
119 32.0 25.6 38.4



#60
4-Bromofluorobenzene
Concen: 28.666 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015999.D
Acq: 30 Apr 2020 16:45

Tgt Ion: 95 Resp: 107963
Ion Ratio Lower Upper
95 100
174 81.4 64.8 97.2
176 76.9 62.4 93.6





#63

Toluene-d8

Concen: 30.755 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015999.D

Acq: 30 Apr 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

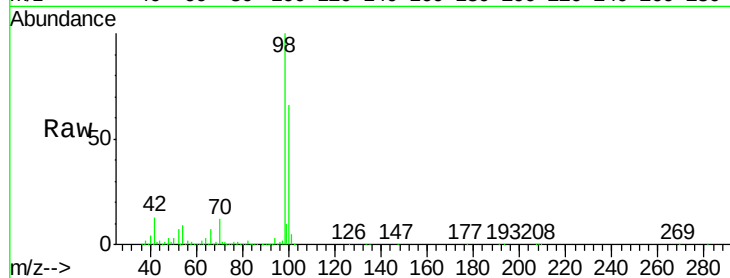
37-ST-2020

Tot Ion: 98 Resp: 296303

Ion Ratio Lower Upper

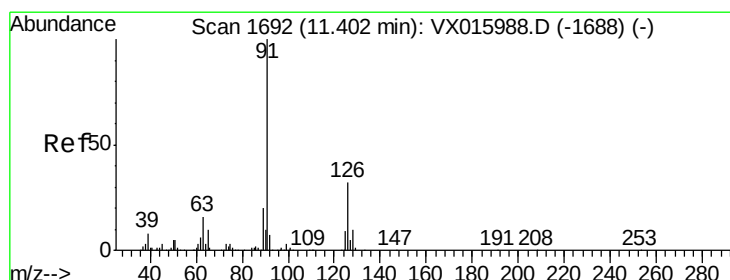
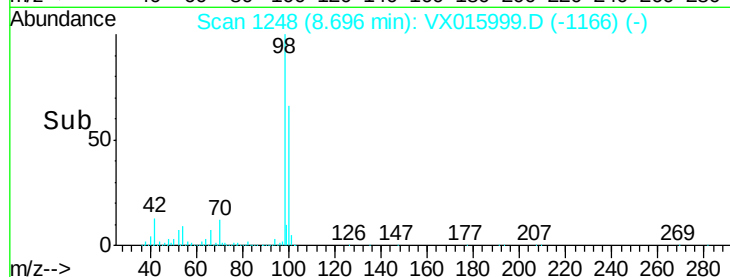
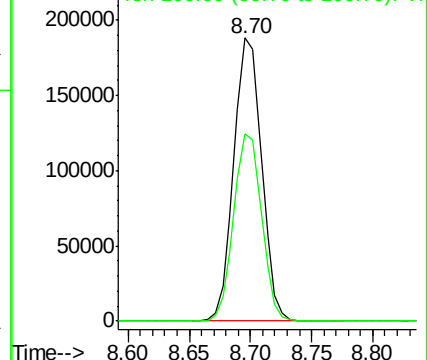
98 100

100 66.3 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#75

2-Chlorotoluene

Concen: 0.490 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX015999.D

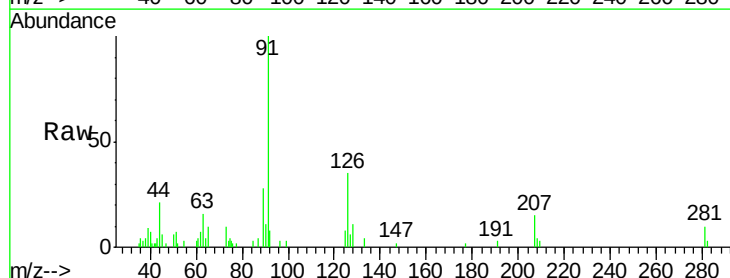
Acq: 30 Apr 2020 16:45

Tgt Ion: 91 Resp: 4531

Ion Ratio Lower Upper

91 100

126 35.1 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

