

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014492.D
 Acq On : 09 Jan 2020 12:29
 Operator : JC/SP
 Sample : L1041-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 09 14:36:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	80980	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	446603	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	392415	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	174560	30.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.33%
60) 4-Bromofluorobenzene	11.13	95	171415	27.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.17%
63) Toluene-d8	8.71	98	527578	30.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.27%

Target Compounds

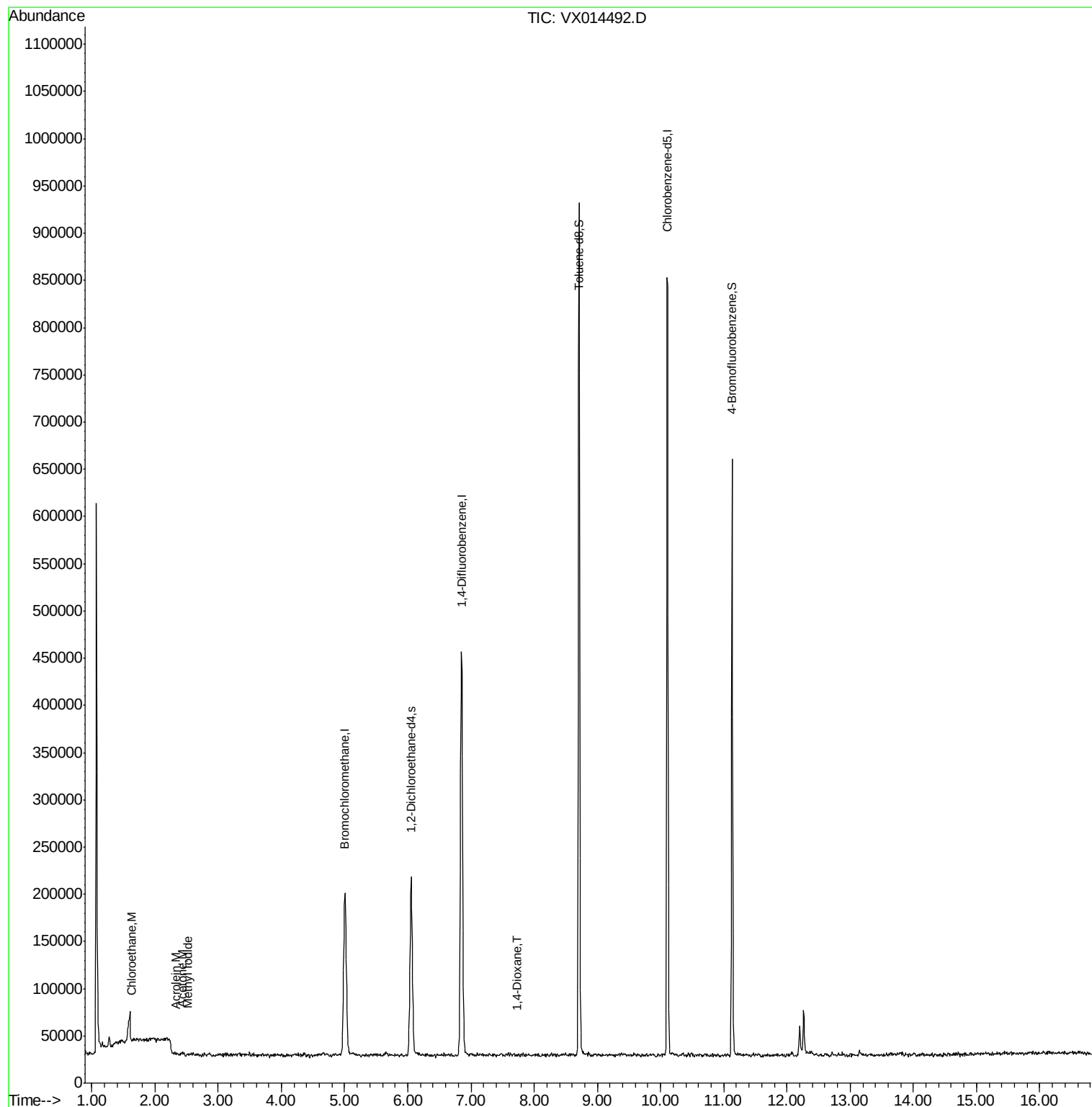
					Ovalue
6) Chloroethane	1.64	64	1292	0.354 ug/l	90
11) Methyl Iodide	2.51	142	1964	0.336 ug/l	84
13) Acrolein	2.33	56	245	0.288 ug/l	92
15) Acetone	2.43	58	794	0.985 ug/l #	56
45) 1,4-Dioxane	7.73	88	334	2.919 ug/l #	37

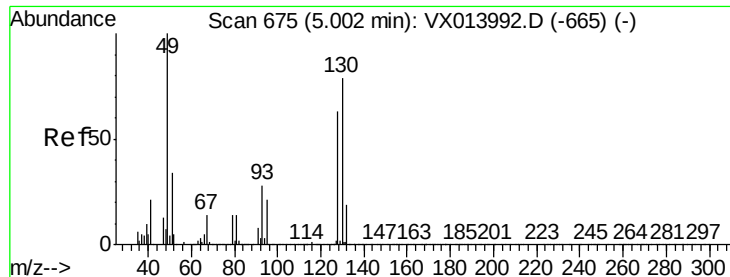
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014492.D

Acq: 09 Jan 2020 12:29

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

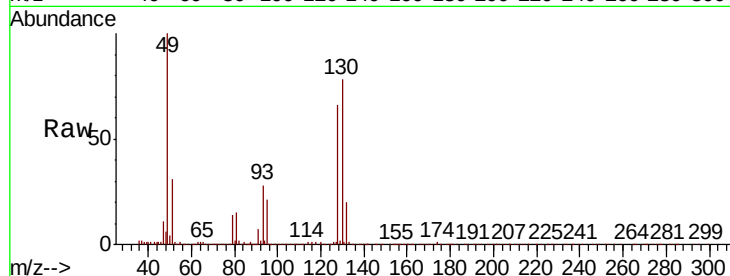
Tot Ion:128 Resp: 80980

Ion Ratio Lower Upper

128 100

49 155.0 0.0 405.0

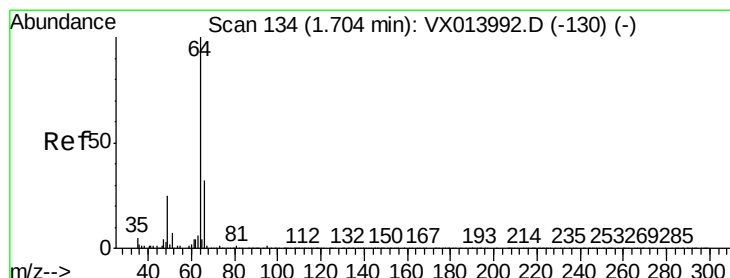
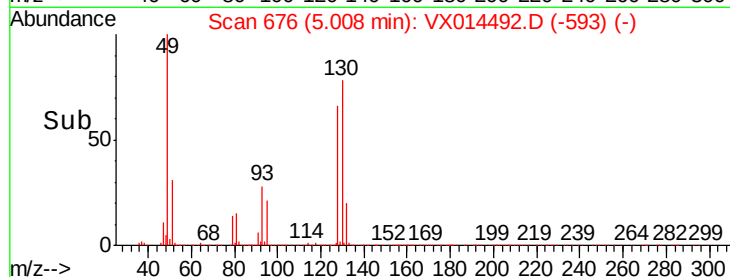
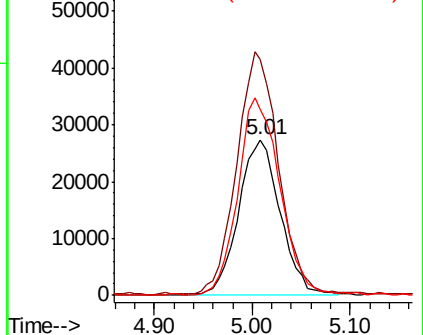
130 127.8 0.0 321.5



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



#6

Chloroethane

Concen: 0.354 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.07 min

Lab File: VX014492.D

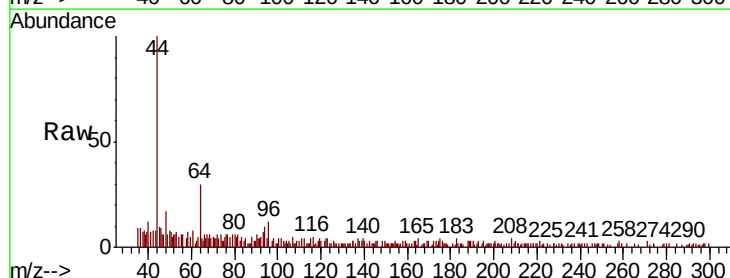
Acq: 09 Jan 2020 12:29

Tgt Ion: 64 Resp: 1292

Ion Ratio Lower Upper

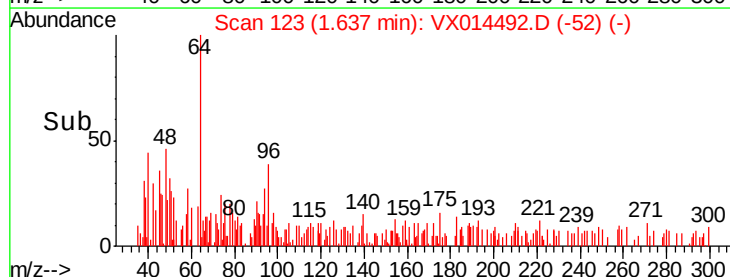
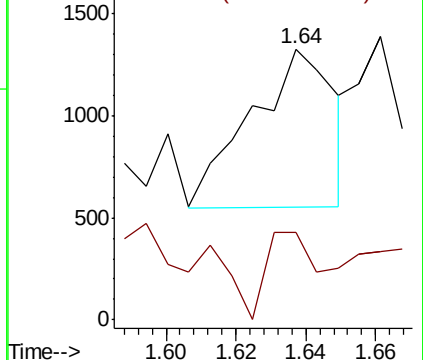
64 100

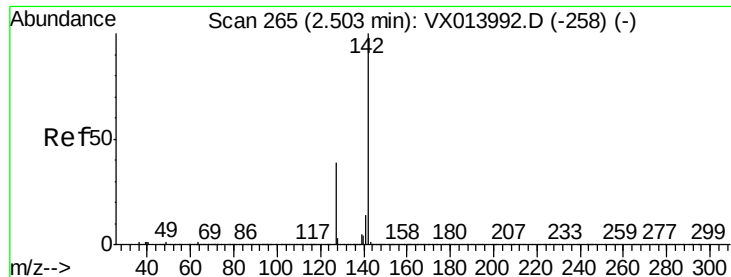
66 37.3 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

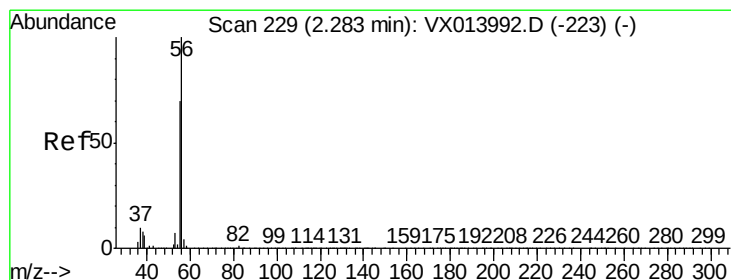
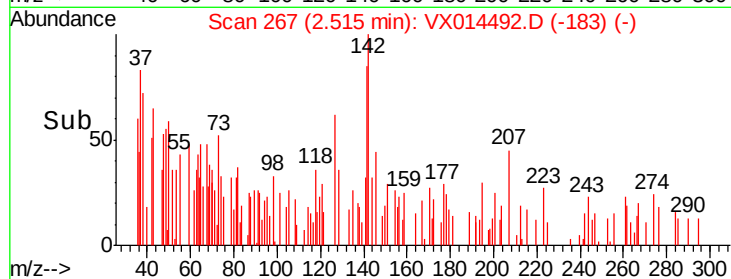
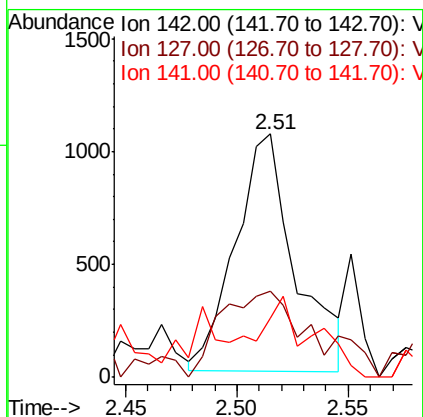
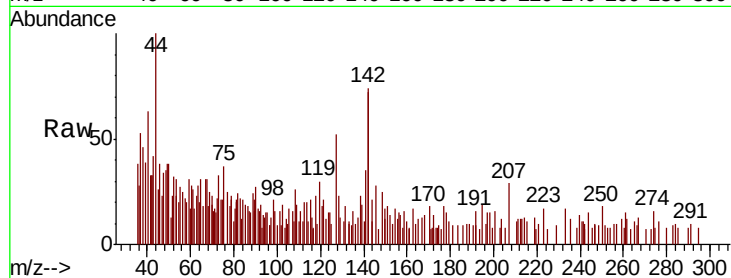




#11
Methvl Iodide
Concen: 0.336 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

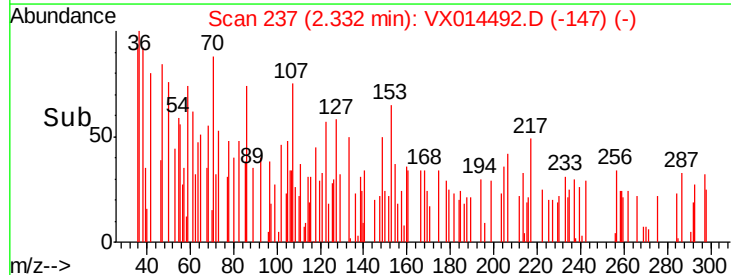
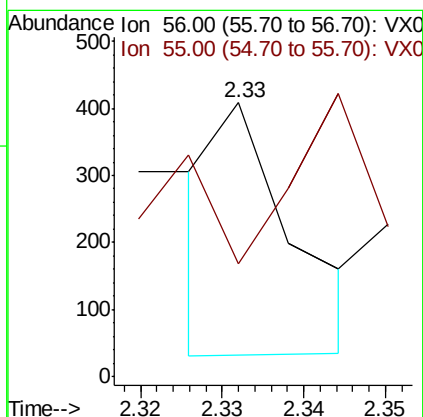
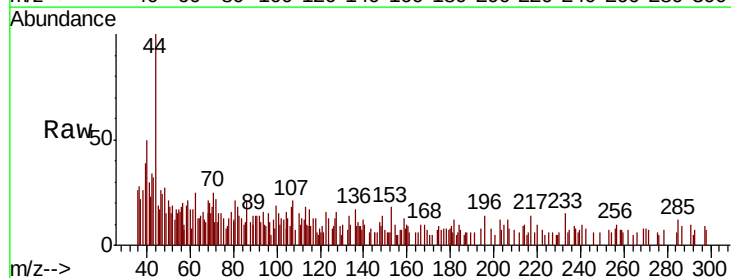
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANK

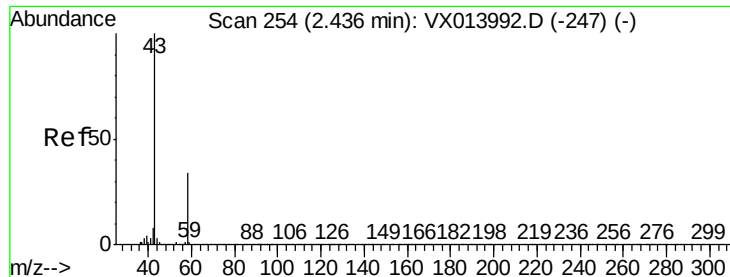
Tot Ion:142 Resp: 1964
Ion Ratio Lower Upper
142 100
127 26.4 19.5 58.5
141 15.8 7.0 20.9



#13
Acrolein
Concen: 0.288 ug/l
RT: 2.33 min Scan# 237
Delta R.T. 0.05 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 74.7 54.9 82.3





#15

Acetone

Concen: 0.985 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014492.D

Acq: 09 Jan 2020 12:29

Instrument :

MSVOA_X

ClientSampleId :

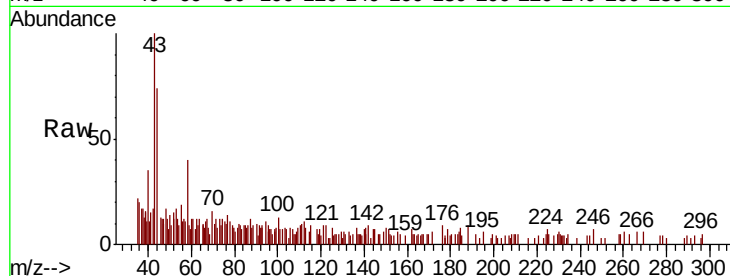
TRIP-BLANK

Tot Ion: 58 Resp: 794

Ion Ratio Lower Upper

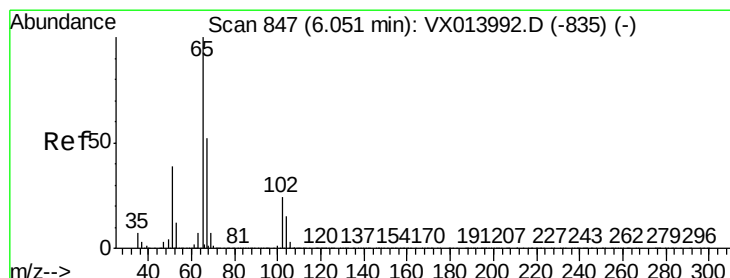
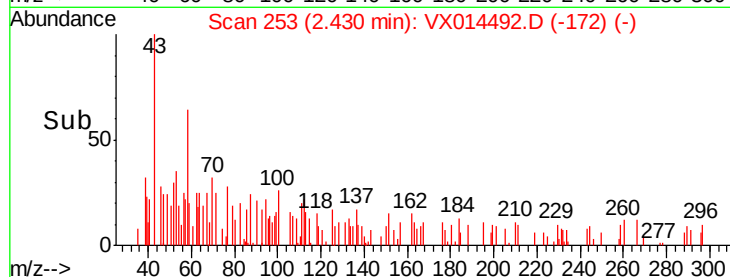
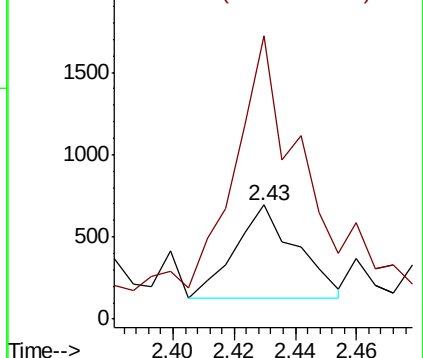
58 100

43 209.7 236.3 354.5#



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: 30.099 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014492.D

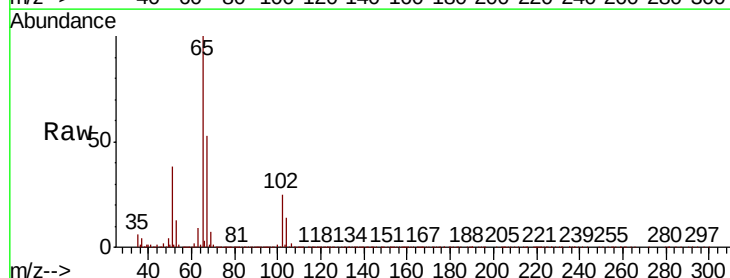
Acq: 09 Jan 2020 12:29

Tgt Ion: 65 Resp: 174560

Ion Ratio Lower Upper

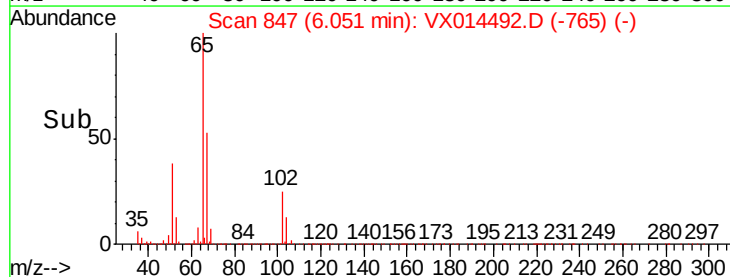
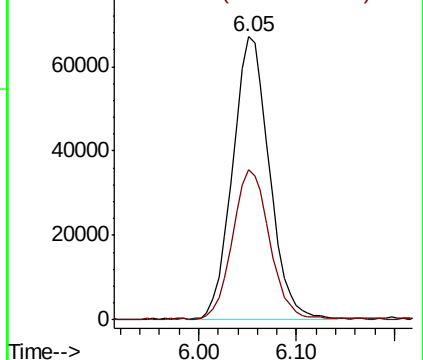
65 100

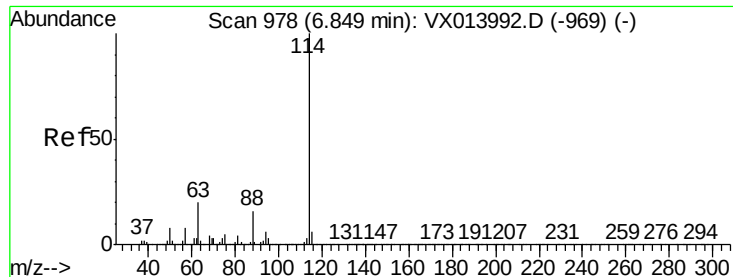
67 53.0 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

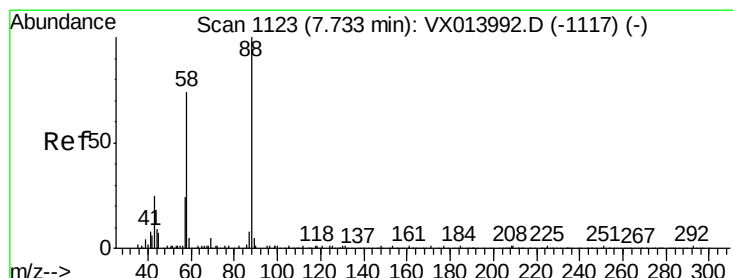
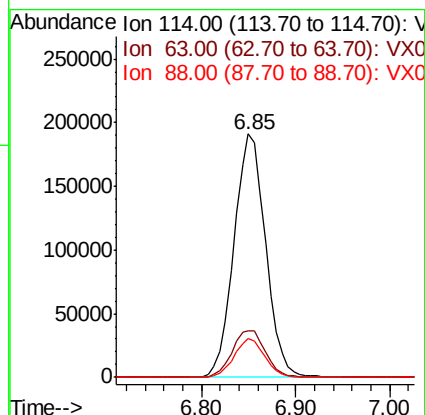
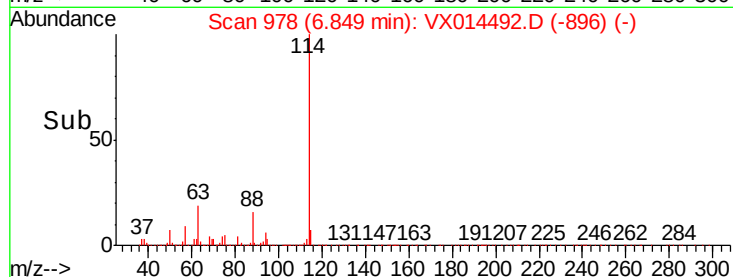
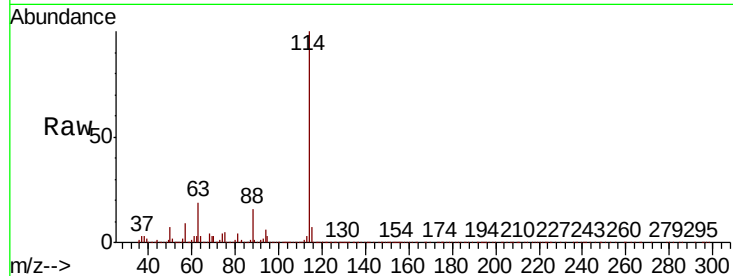




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014492.D
 Acq: 09 Jan 2020 12:29

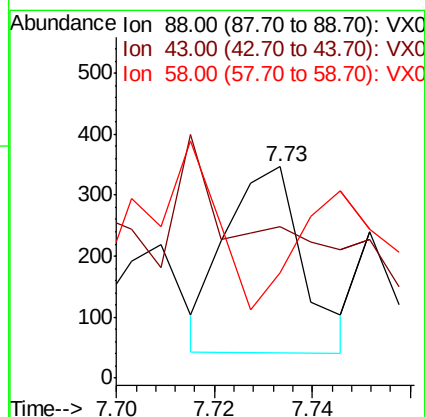
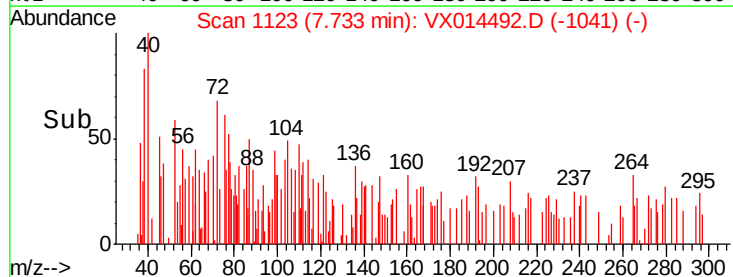
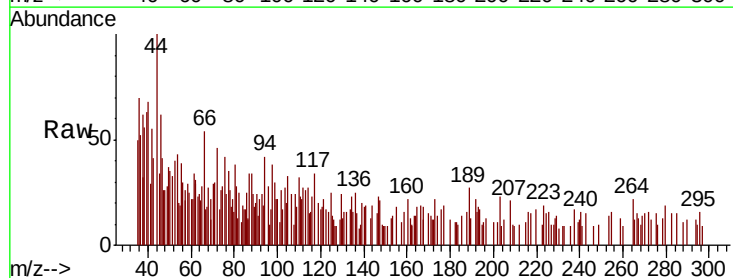
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

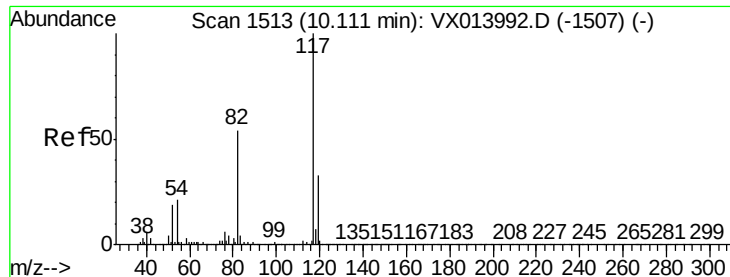
Tot Ion:114 Resp: 446603
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.1 24.1
 88 15.5 12.5 18.7



#45
 1,4-Dioxane
 Concen: 2.919 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX014492.D
 Acq: 09 Jan 2020 12:29

Tgt Ion: 88 Resp: 334
 Ion Ratio Lower Upper
 88 100
 43 39.2 25.4 38.2#
 58 0.0 56.5 84.7#

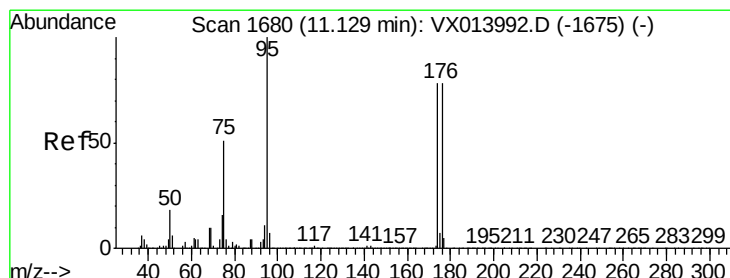
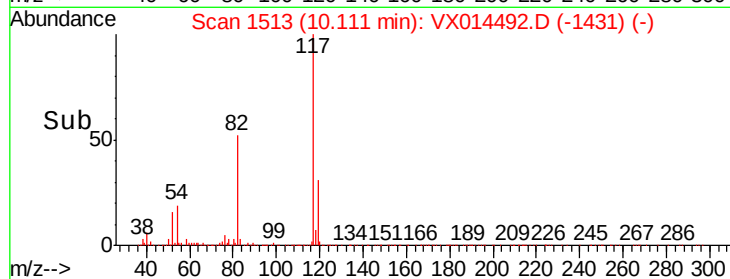
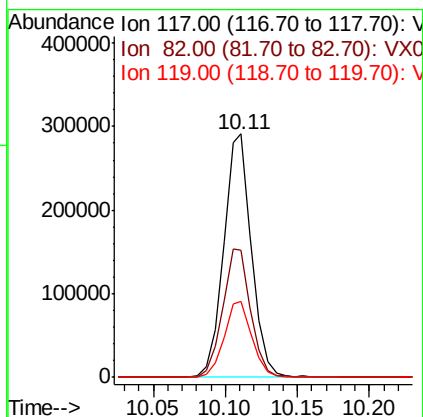
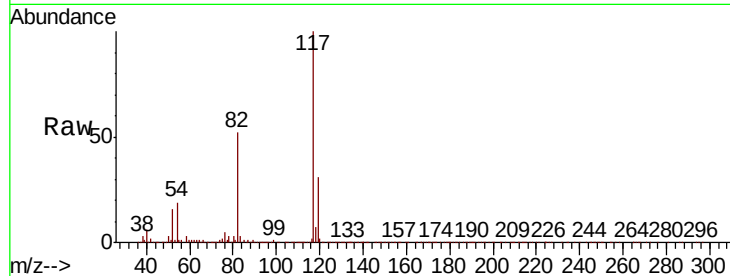




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

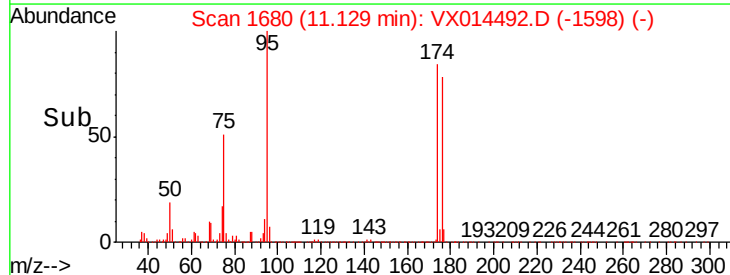
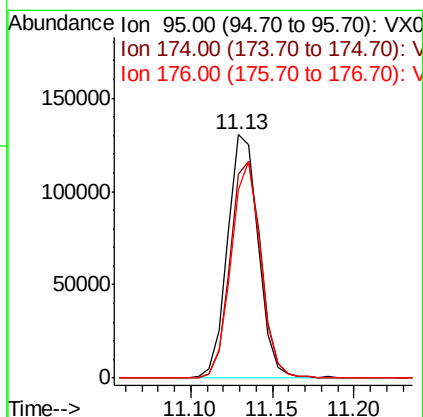
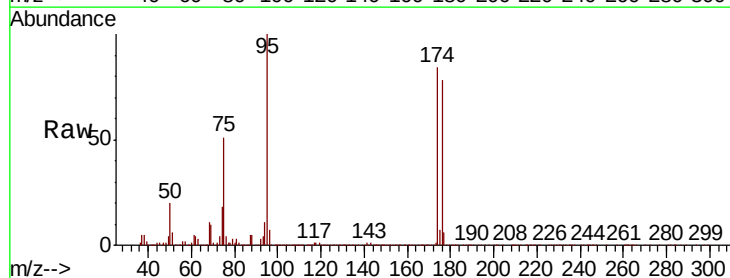
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

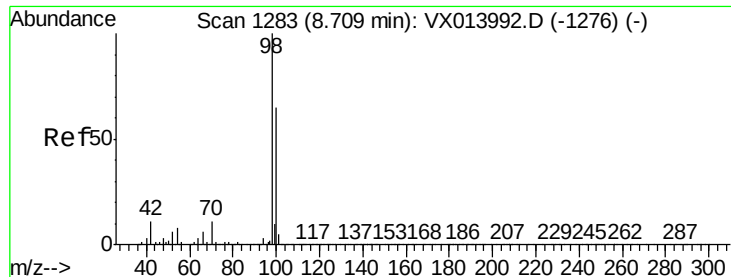
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.6
119	31.6	25.8	38.6



#60
4-Bromofluorobenzene
Concen: 27.051 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014492.D
Acq: 09 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.4	70.2	105.2
176	85.9	68.3	102.5





#63

Toluene-d8

Concen: 30.078 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014492.D

Acq: 09 Jan 2020 12:29

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

Tot Ion: 98 Resp: 527578

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2

