

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007563.D
 Acq On : 15 Feb 2019 13:05
 Operator : JC/SP
 Sample : VX0216WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 03:40:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	78296	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	406989	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	351357	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	150012	29.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.73%
60) 4-Bromofluorobenzene	11.13	95	146857	27.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.77%
63) Toluene-d8	8.71	98	467796	29.46	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.20%

Target Compounds

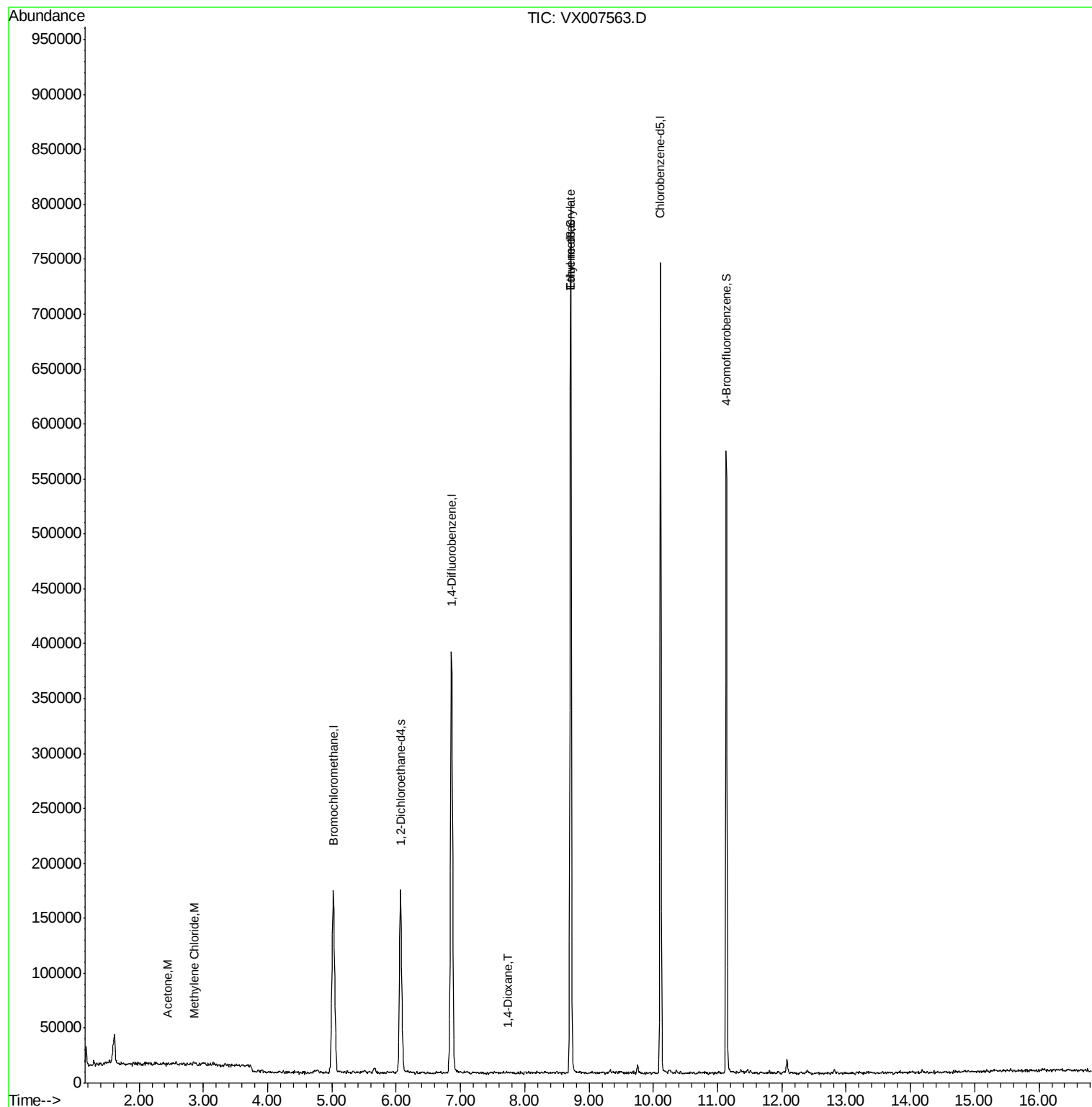
					Ovalue	
15) Acetone	2.45	58	161	0.217	ug/l #	52
18) Methylene Chloride	2.86	84	1329	0.275	ug/l #	83
45) 1,4-Dioxane	7.74	88	101	0.862	ug/l #	1
51) Ethyl methacrylate	8.72	69	1767	0.260	ug/l	75

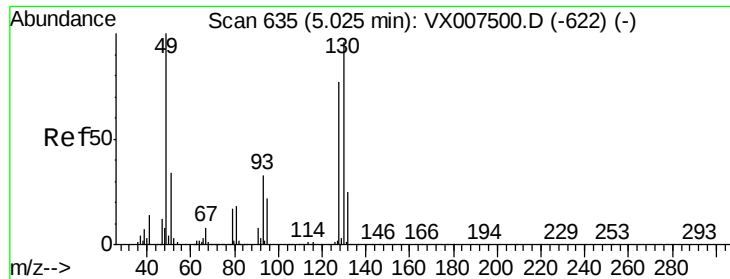
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 13 07:51:18 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.00 min

Lab File: VX007563.D

Acq: 15 Feb 2019 13:05

Instrument :

MSVOA_W

ClientSampled :

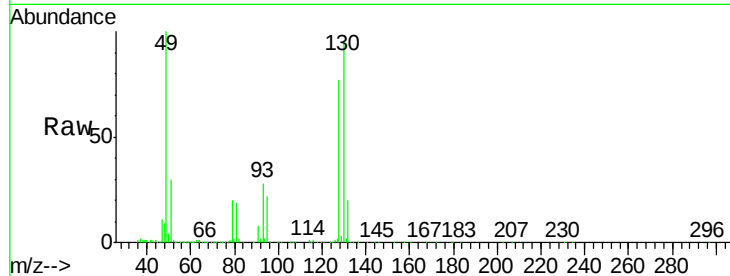
Tot Ion:128 Resp: 78296

Ion Ratio Lower Upper

128 100

49 134.5 0.0 350.8

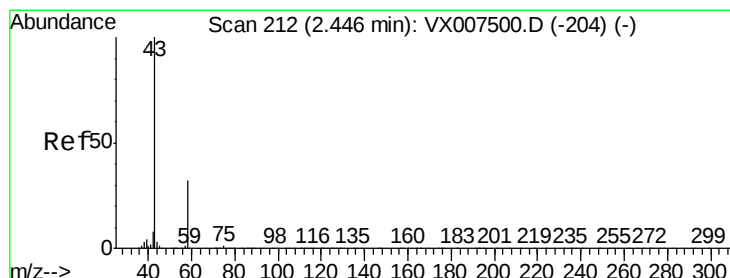
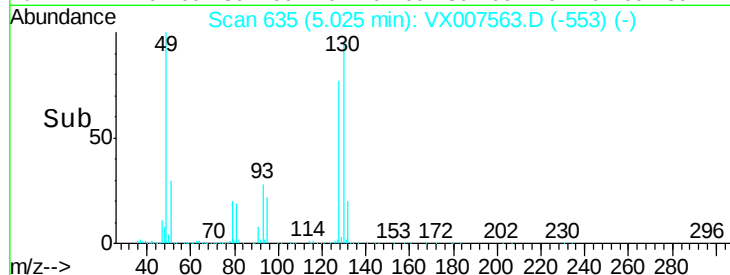
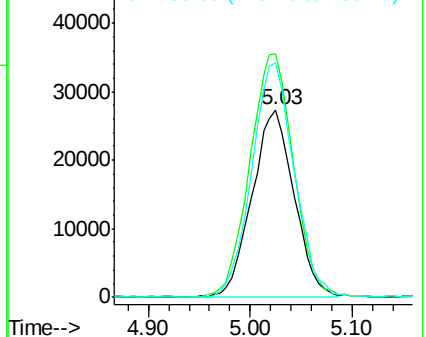
130 127.0 0.0 325.8



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: 0.217 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007563.D

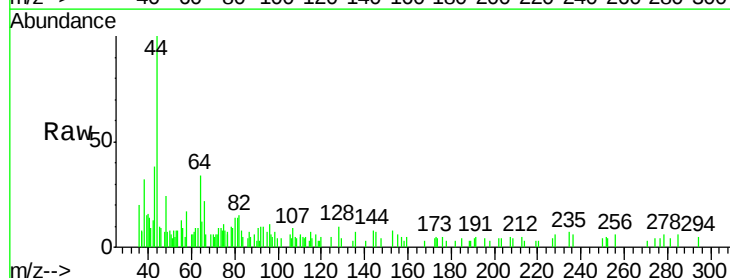
Acq: 15 Feb 2019 13:05

Tgt Ion: 58 Resp: 161

Ion Ratio Lower Upper

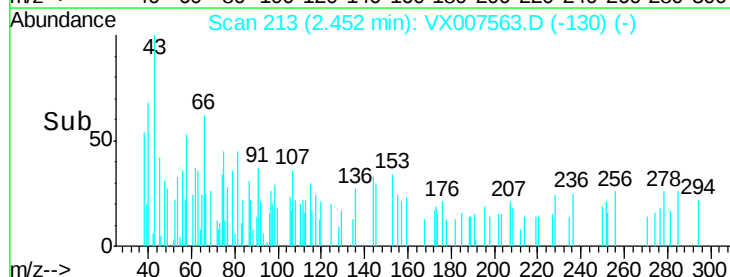
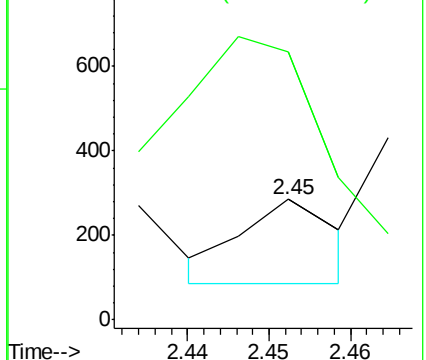
58 100

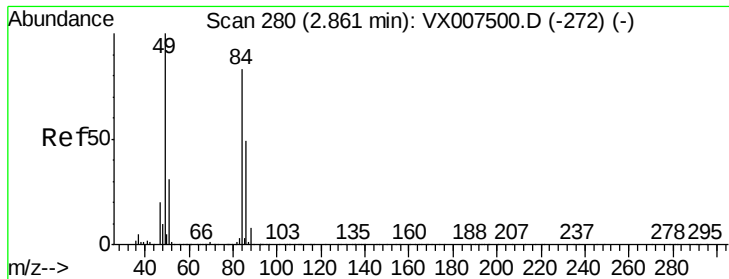
43 214.6 249.8 374.6#



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#18

Methvlene Chloride

Concen: 0.275 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

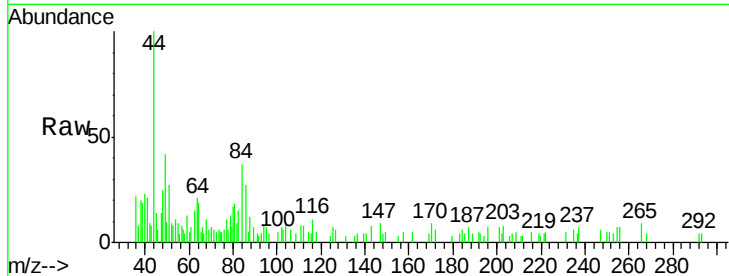
Lab File: VX007563.D

Acq: 15 Feb 2019 13:05

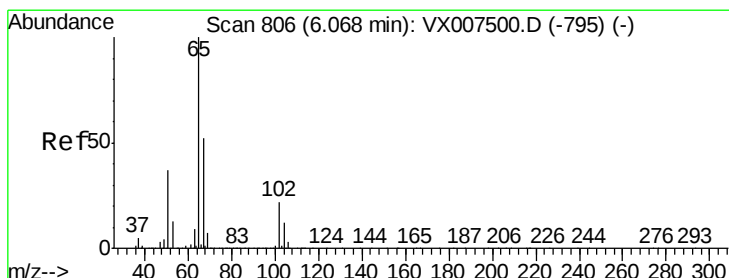
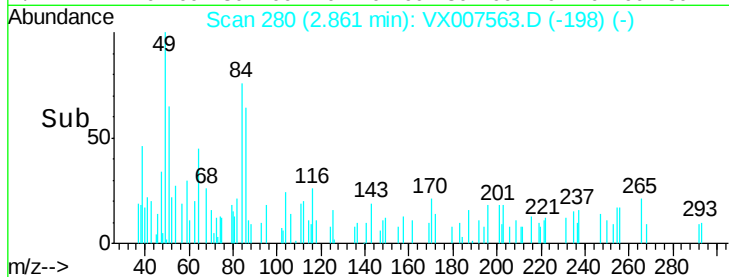
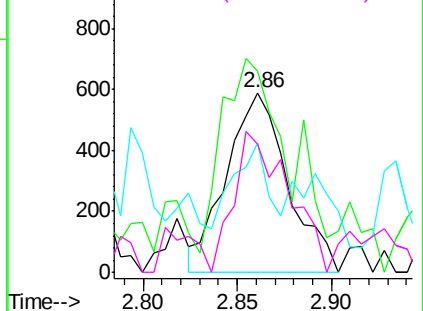
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 1329

Ion	Ratio	Lower	Upper
84	100		
49	89.7	96.1	144.1#
51	38.1	29.1	43.7
86	55.8	47.3	70.9



Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#27

1,2-Dichloroethane-d4

Concen: 29.619 ug/l

RT: 6.07 min Scan# 806

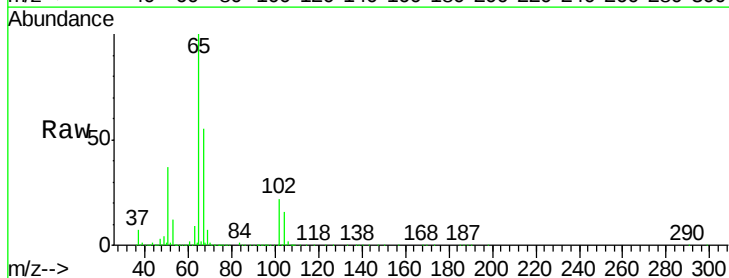
Delta R.T. -0.00 min

Lab File: VX007563.D

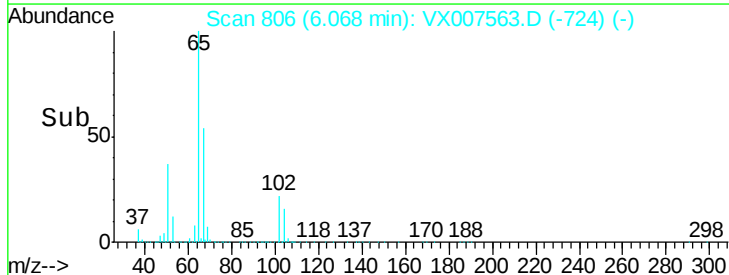
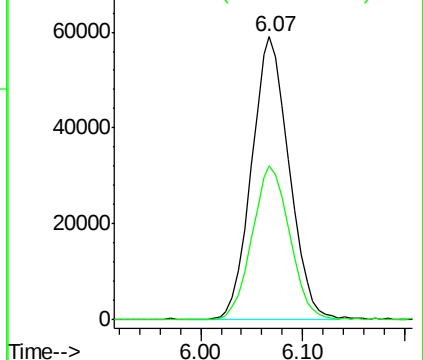
Acq: 15 Feb 2019 13:05

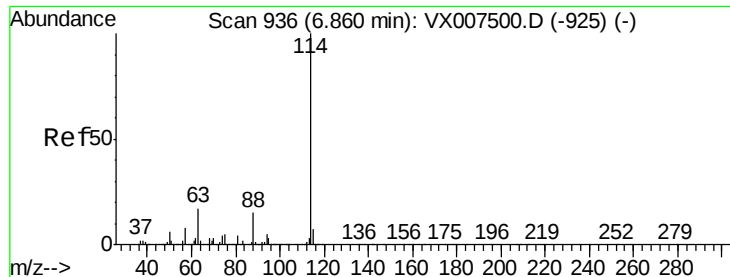
Tgt Ion: 65 Resp: 150012

Ion	Ratio	Lower	Upper
65	100		
67	54.8	42.9	64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0
Ion 67.00 (66.70 to 67.70): VX0

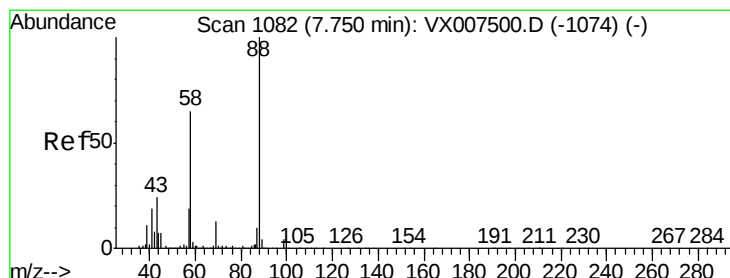
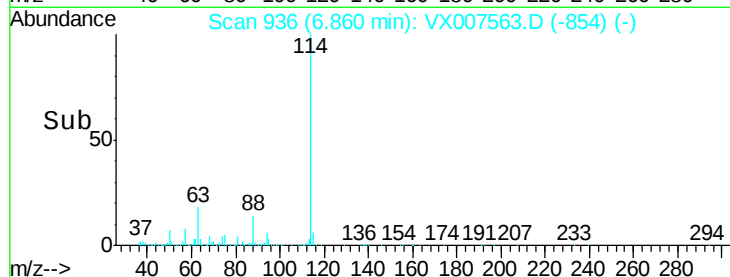
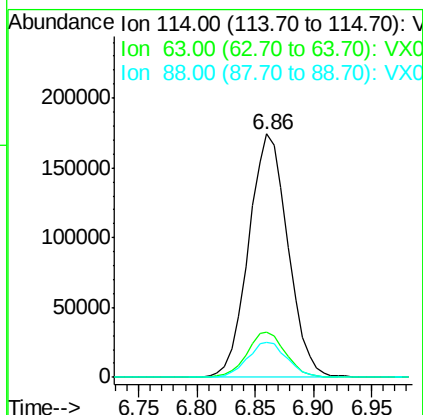
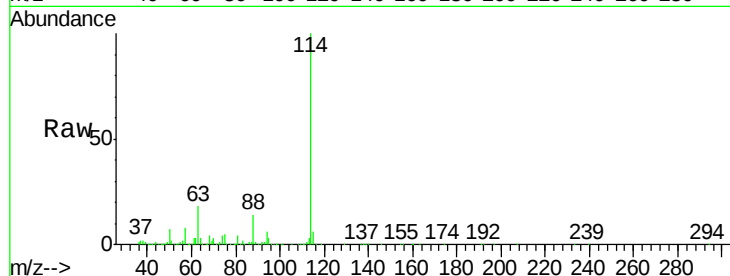




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007563.D
 Acq: 15 Feb 2019 13:05

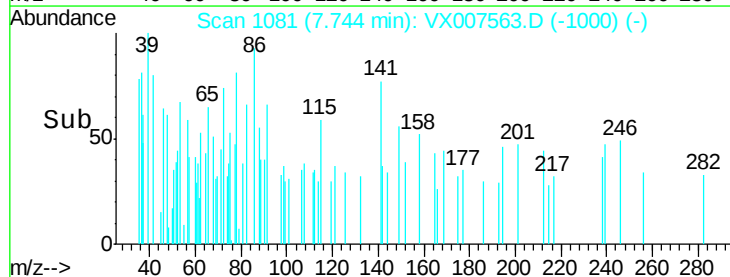
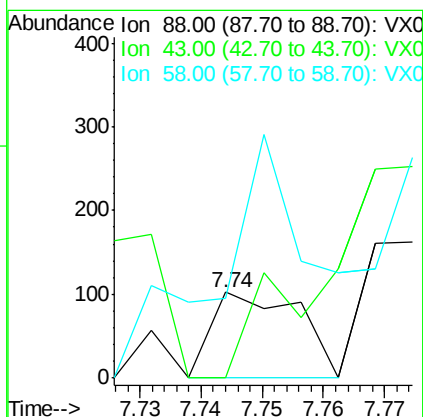
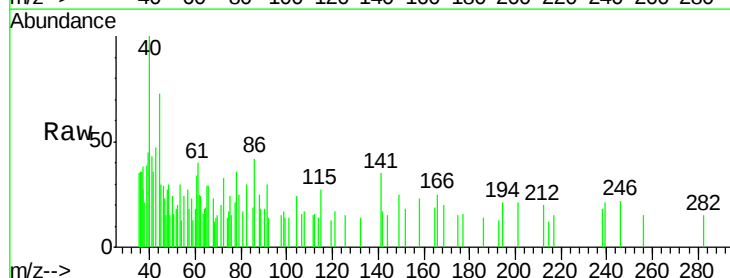
Instrument :
 MSVOA_W
 ClientSampled :

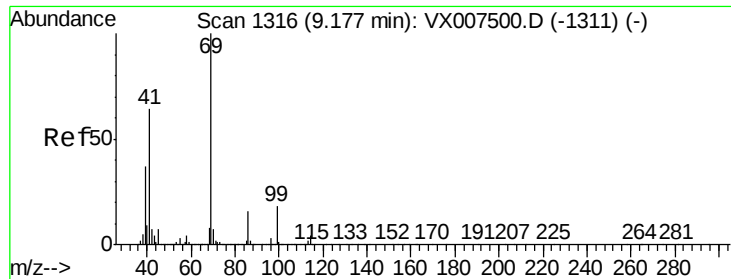
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.2	21.4
88	14.7	11.9	17.9



#45
 1,4-Dioxane
 Concen: 0.862 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: VX007563.D
 Acq: 15 Feb 2019 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
43	71.3	23.6	35.4#
58	195.0	51.6	77.4#





#51

Ethyl methacrylate

Concen: 0.260 ug/l

RT: 8.72 min Scan# 1241

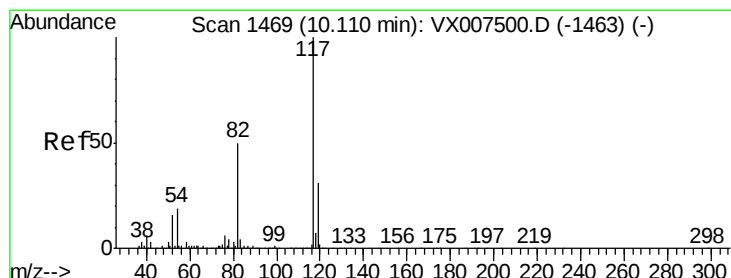
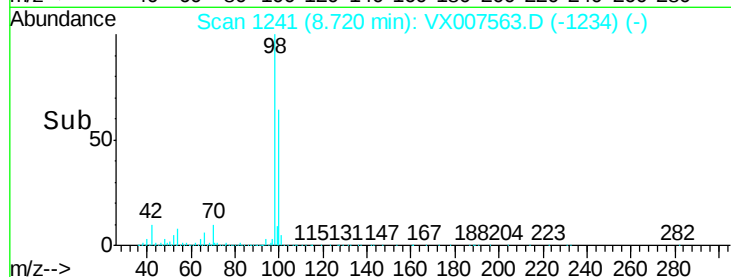
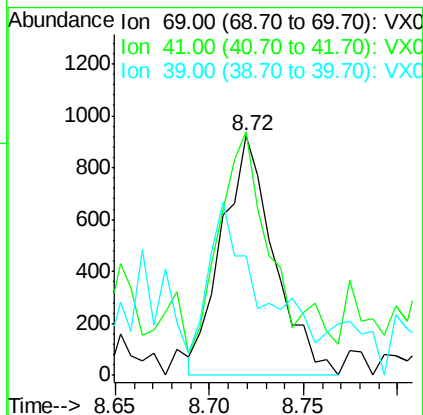
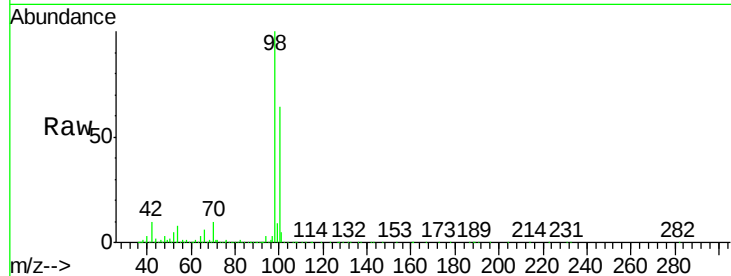
Delta R.T. -0.46 min

Lab File: VX007563.D

Acq: 15 Feb 2019 13:05

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	69	Resp:	1767
Ion	Ratio	Lower	Upper
69	100		
41	92.4	32.1	96.5
39	40.6	18.8	56.3



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

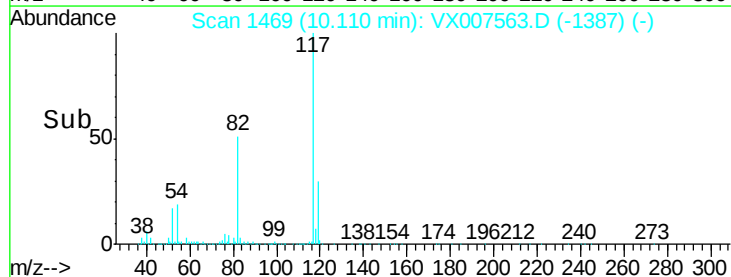
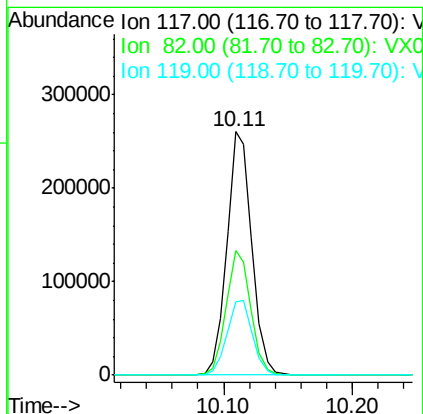
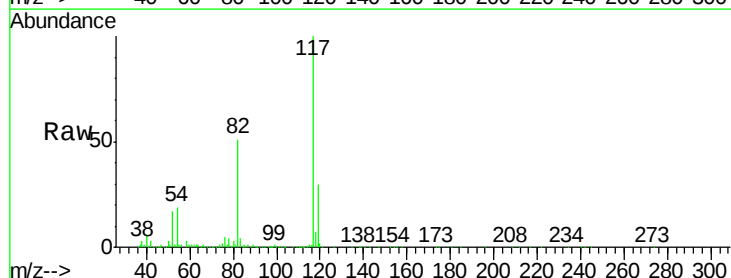
RT: 10.11 min Scan# 1469

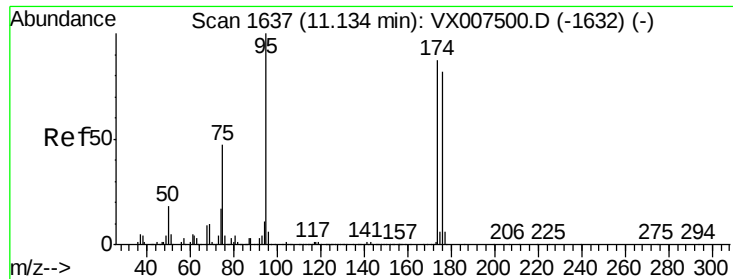
Delta R.T. -0.00 min

Lab File: VX007563.D

Acq: 15 Feb 2019 13:05

Tgt Ion:	117	Resp:	351357
Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.4	60.6
119	31.7	25.8	38.6

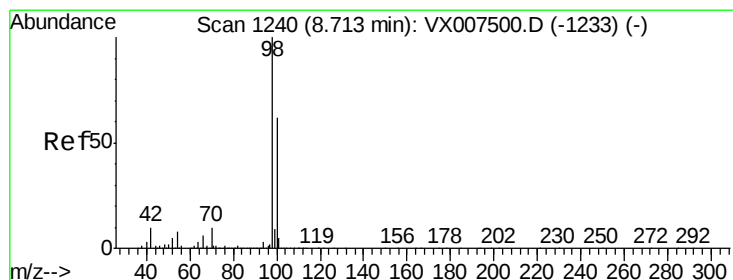
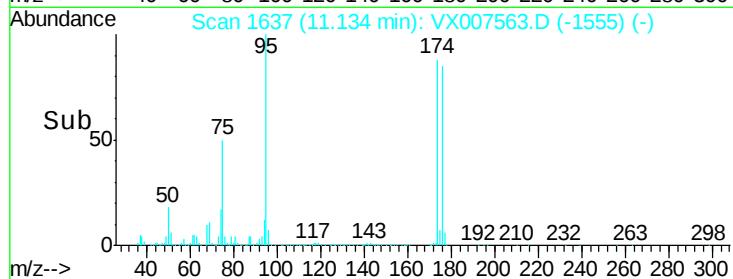
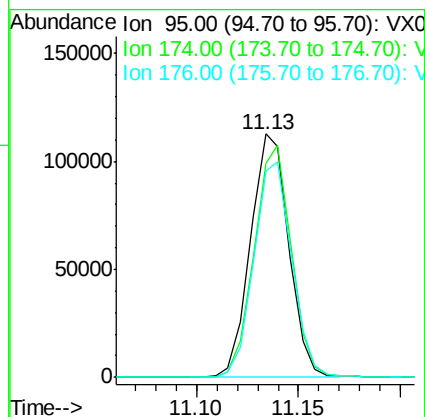
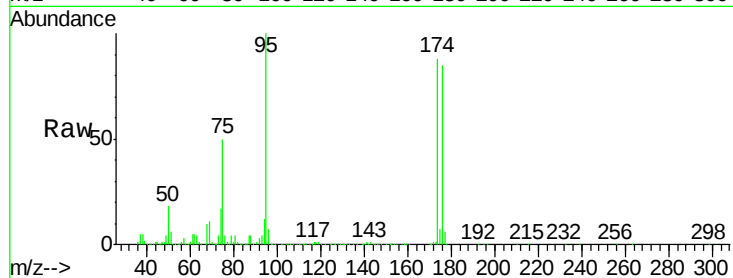




#60
4-Bromofluorobenzene
Concen: 27.233 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007563.D
Acq: 15 Feb 2019 13:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 146857
Ion Ratio Lower Upper
95 100
174 93.3 74.9 112.3
176 87.7 70.7 106.1



#63
Toluene-d8
Concen: 29.457 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007563.D
Acq: 15 Feb 2019 13:05

Tgt Ion: 98 Resp: 467796
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

