

Data File : VV014211.D
Acq On : 28 Dec 2019 12:50
Operator : SY/MD
Sample : K6432-04RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF6X2RE

Quant Time: Dec 30 00:33:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 30 00:30:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1095122	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	991841	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	465238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154227	3.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	1.59	69	140651	3.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.80%
11) 1,1-Dichloroethene-d2	2.13	63	203932	2.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.20%#
20) 2-Butanone-d5	3.92	46	432797	33.97	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.94%
24) Chloroform-d	4.40	84	351573	2.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	54.60%#
26) 1,2-Dichloroethane-d4	5.08	65	175508	2.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.60%#
32) Benzene-d6	5.09	84	756841	2.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.80%#
36) 1,2-Dichloropropane-d6	6.11	67	241703	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	59.00%#
41) Toluene-d8	7.35	98	705622	2.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.80%#
43) trans-1,3-Dichloropropene-	7.66	79	101495	2.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.40%
46) 2-Hexanone-d5	8.14	63	400758	28.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.58%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	169529	2.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	238437	2.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	57.20%#

Target Compounds

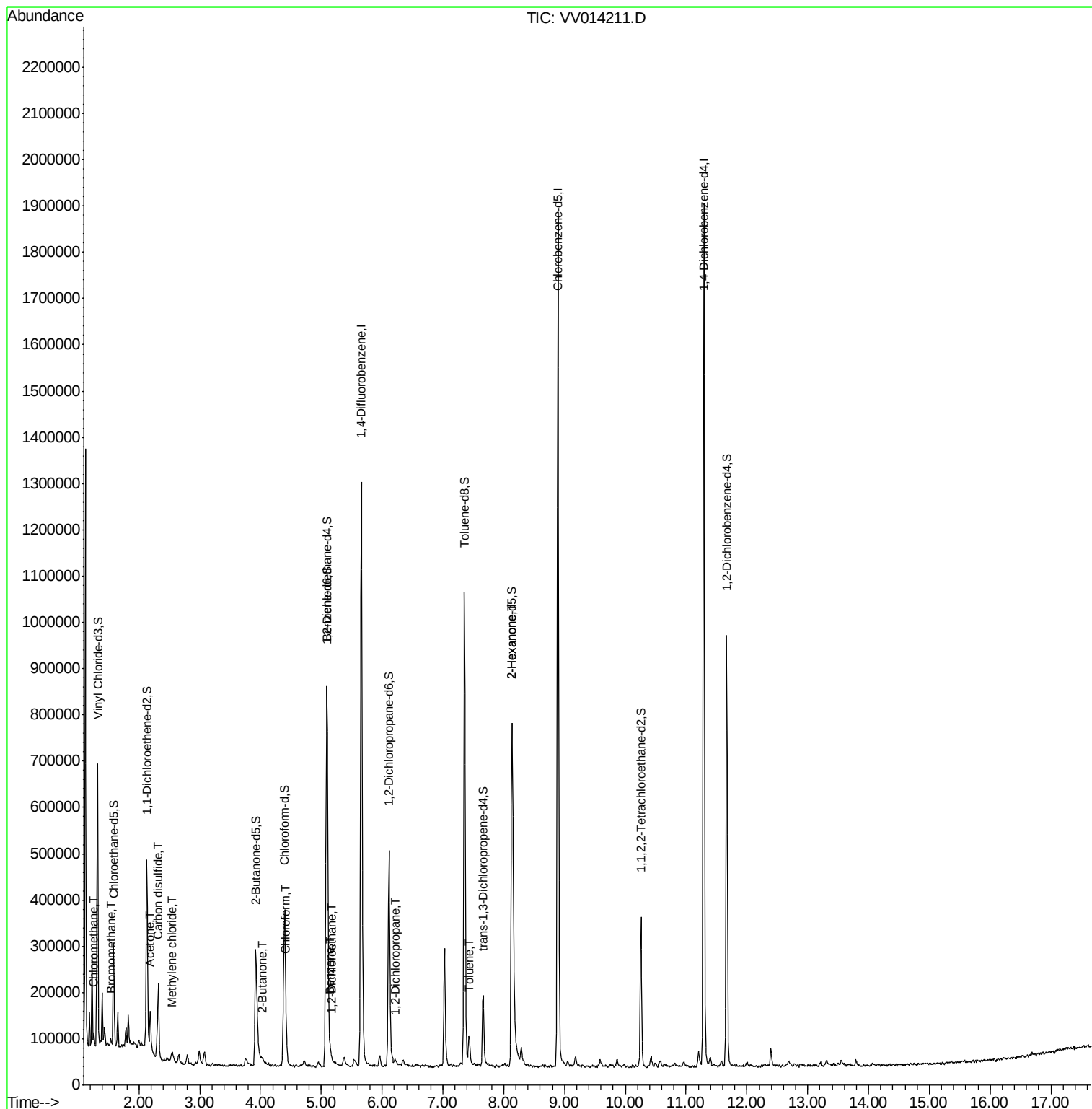
					Qvalue
3) Chloromethane	1.26	50	21782	0.289 ug/L	92
6) Bromomethane	1.53	94	6871	0.208 ug/L	98
13) Acetone	2.18	43	67495	8.589 ug/L	98
14) Carbon disulfide	2.32	76	175359	0.828 ug/L	100
16) Methylene chloride	2.54	84	8475	0.104 ug/L	97
21) 2-Butanone	4.04	43	17943	1.230 ug/L	83
25) Chloroform	4.43	83	19595	0.138 ug/L	91
27) 1,2-Dichloroethane	5.18	62	4952	0.062 ug/L #	47
33) Benzene	5.14	78	26514	0.086 ug/L	100
37) 1,2-Dichloropropane	6.23	63	5782	0.078 ug/L #	67
42) Toluene	7.43	91	48969	0.145 ug/L	100
48) 2-Hexanone	8.14	43	41769	1.303 ug/L #	70

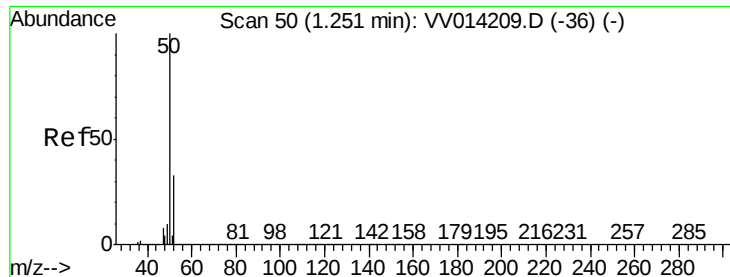
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.289 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV014211.D

Acq: 28 Dec 2019 12:50

Instrument :

MSVOA_V

ClientSampleId :

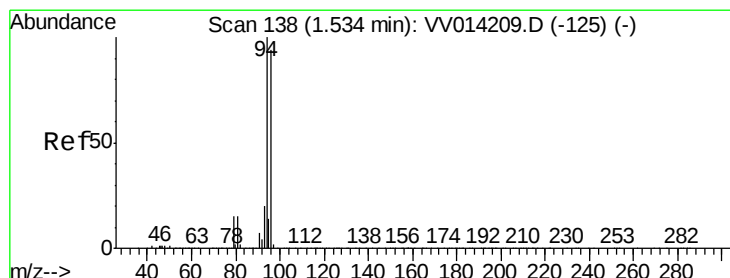
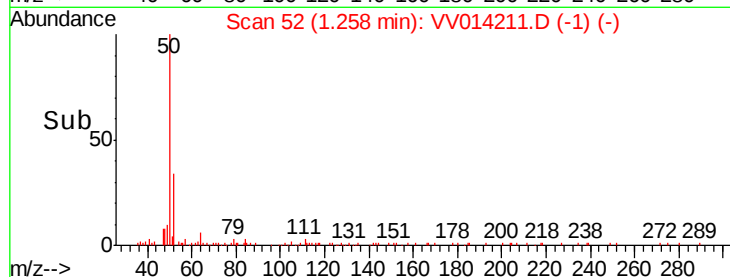
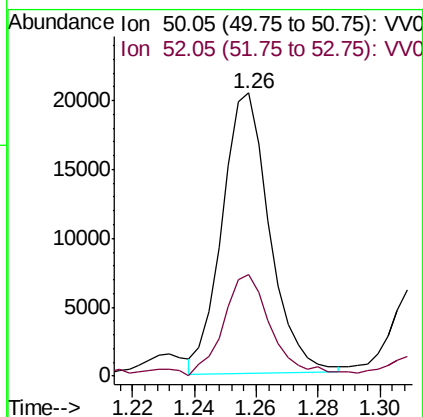
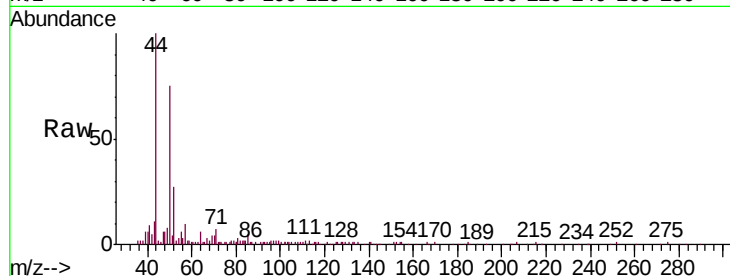
BF6X2RE

Tgt Ion: 50 Resp: 21782

Ion Ratio Lower Upper

50 100

52 36.0 22.3 41.3



#6

Bromomethane

Concen: 0.208 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV014211.D

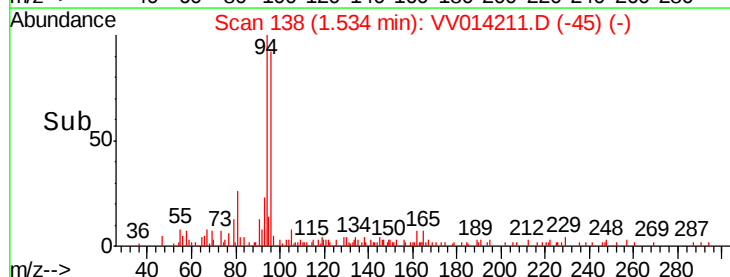
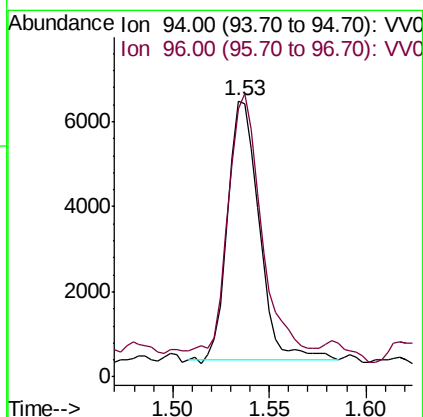
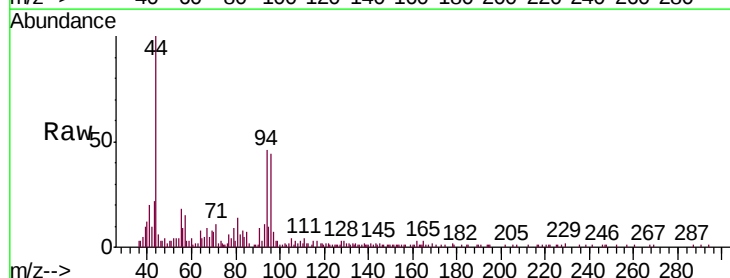
Acq: 28 Dec 2019 12:50

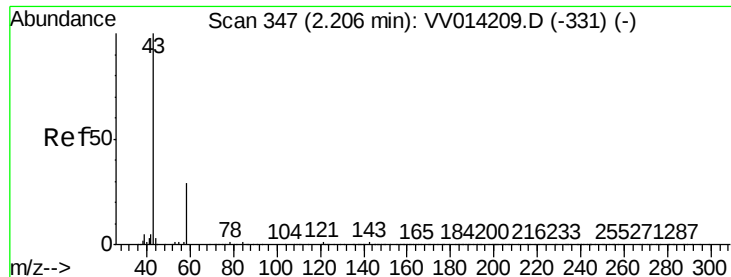
Tgt Ion: 94 Resp: 6871

Ion Ratio Lower Upper

94 100

96 97.2 66.9 124.3





#13

Acetone

Concen: 8.589 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV014211.D

Acq: 28 Dec 2019 12:50

Instrument :

MSVOA_V

ClientSampleId :

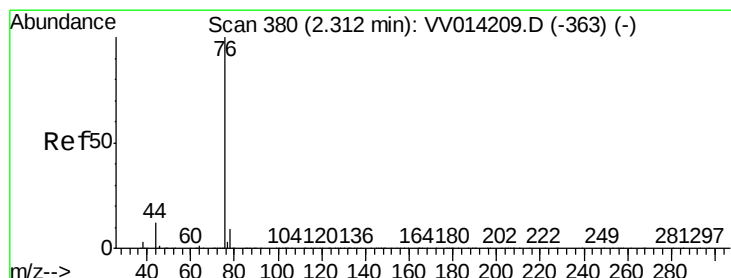
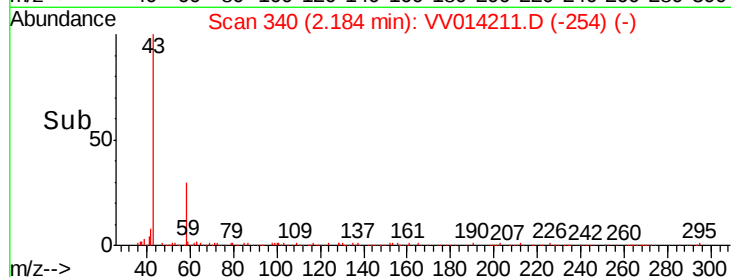
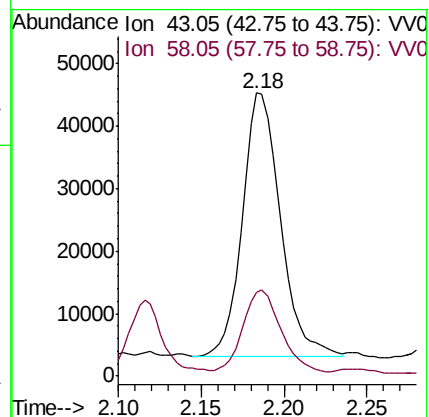
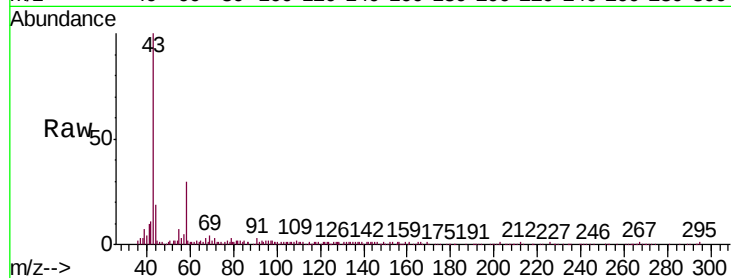
BF6X2RE

Tgt Ion: 43 Resp: 67495

Ion Ratio Lower Upper

43 100

58 31.8 0.0 66.0



#14

Carbon disulfide

Concen: 0.828 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014211.D

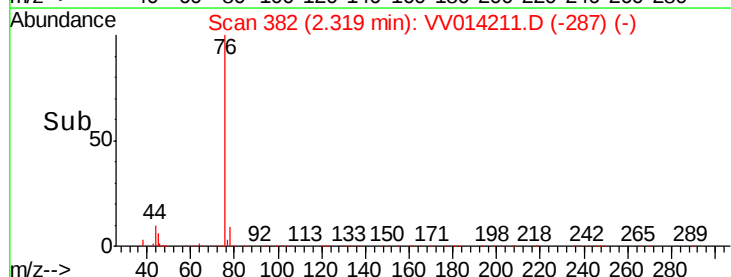
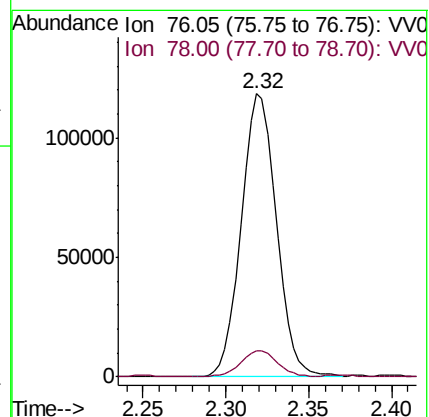
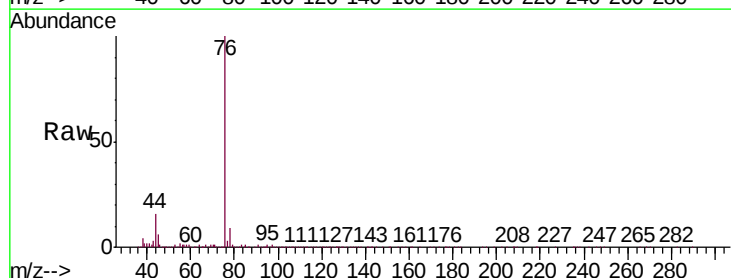
Acq: 28 Dec 2019 12:50

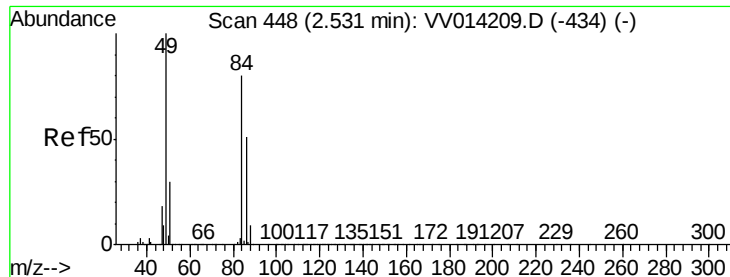
Tgt Ion: 76 Resp: 175359

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

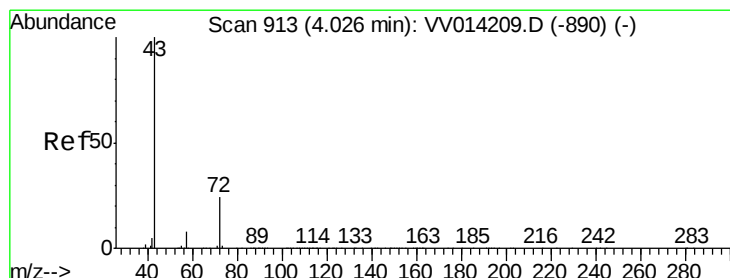
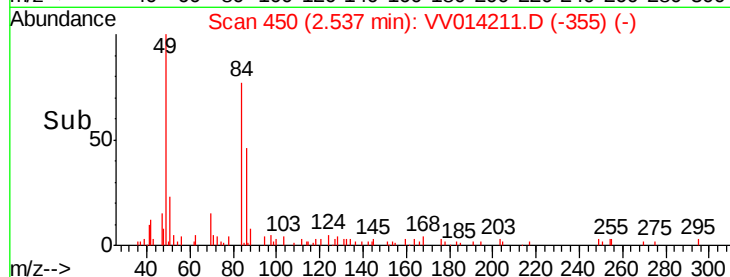
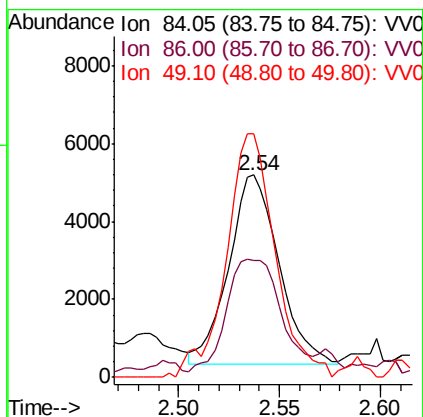
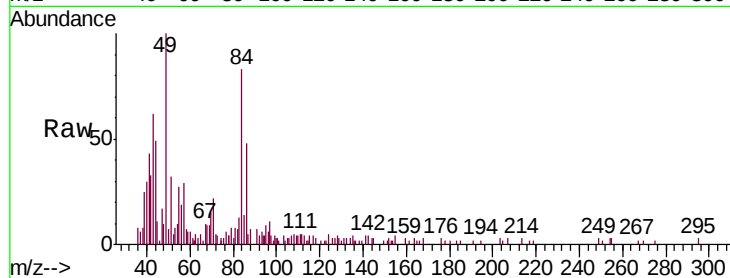




#16
Methylene chloride
Concen: 0.104 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV014211.D
Acq: 28 Dec 2019 12:50

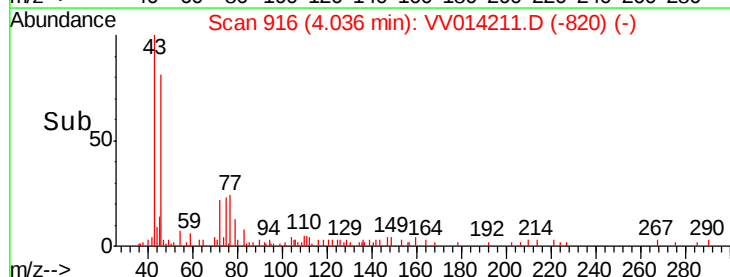
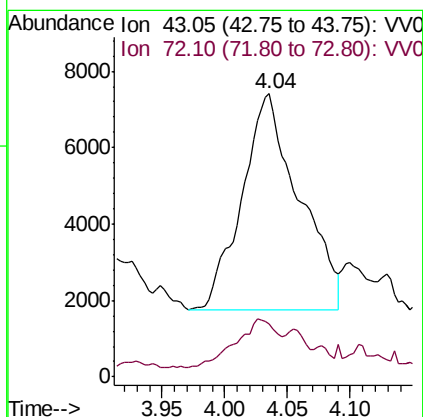
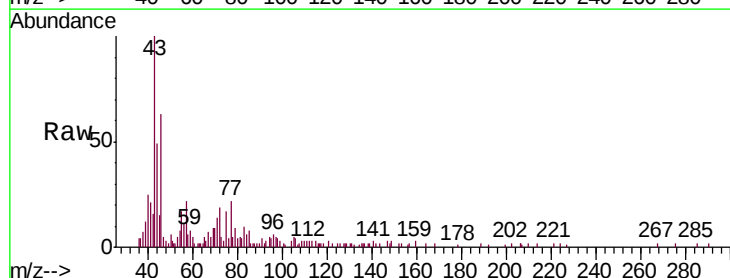
Instrument :
MSVOA_V
ClientSampleId :
BF6X2RE

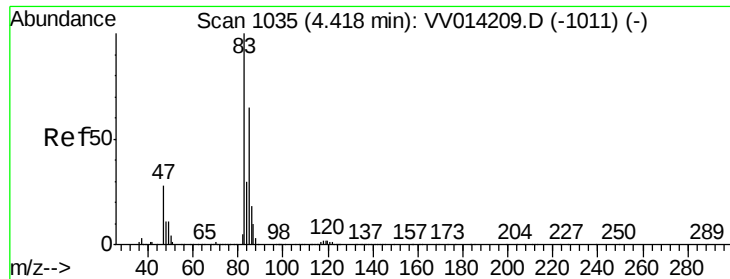
Tgt Ion: 84 Resp: 8475
Ion Ratio Lower Upper
84 100
86 58.1 43.1 80.1
49 120.3 82.1 152.5



#21
2-Butanone
Concen: 1.230 ug/L
RT: 4.04 min Scan# 916
Delta R.T. 0.01 min
Lab File: VV014211.D
Acq: 28 Dec 2019 12:50

Tgt Ion: 43 Resp: 17943
Ion Ratio Lower Upper
43 100
72 16.2 12.4 37.2





#25

Chloroform

Concen: 0.138 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014211.D

Acq: 28 Dec 2019 12:50

Instrument :

MSVOA_V

ClientSampleId :

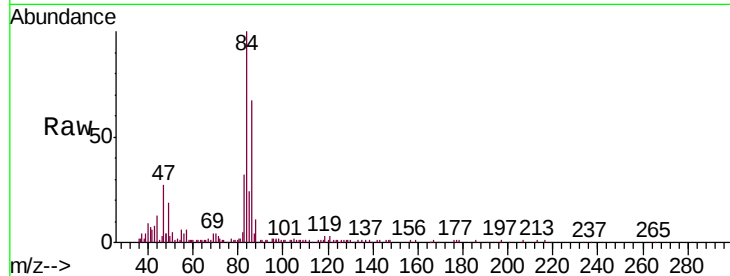
BF6X2RE

Tgt Ion: 83 Resp: 19595

Ion Ratio Lower Upper

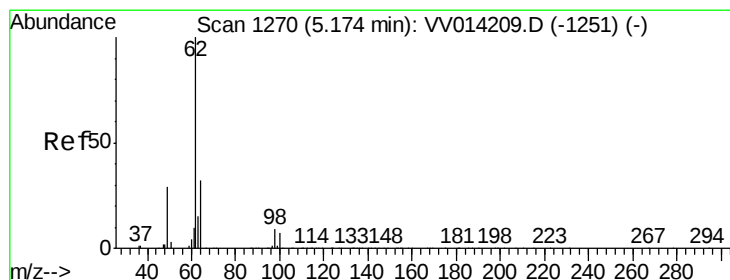
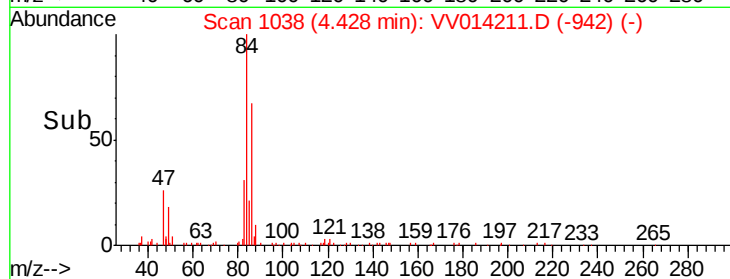
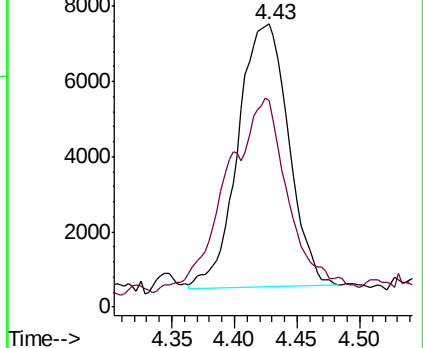
83 100

85 73.2 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 0.062 ug/L

RT: 5.18 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VV014211.D

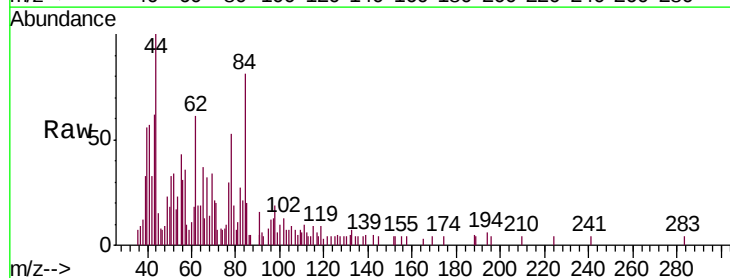
Acq: 28 Dec 2019 12:50

Tgt Ion: 62 Resp: 4952

Ion Ratio Lower Upper

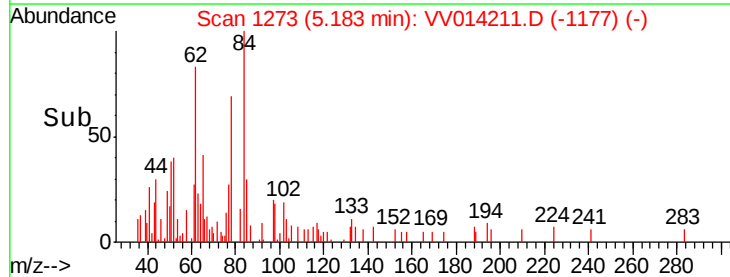
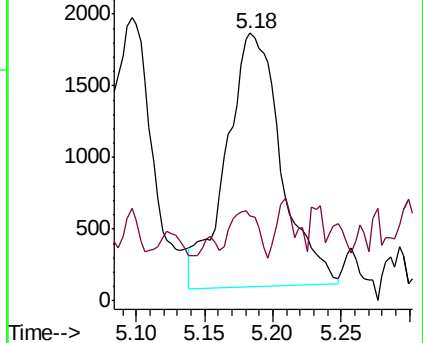
62 100

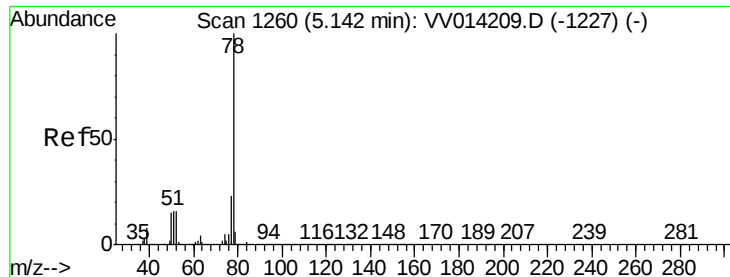
98 31.9 9.2 13.8#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0





#33

Benzene

Concen: 0.086 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV014211.D

Acq: 28 Dec 2019 12:50

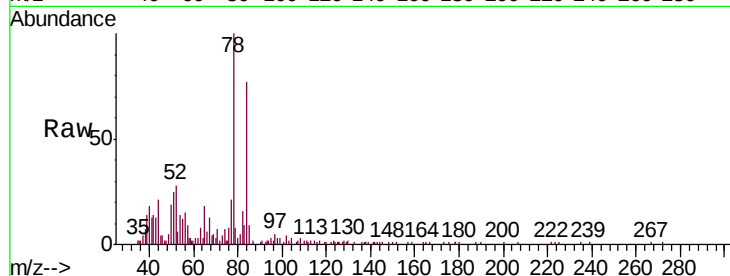
Instrument :

MSVOA_V

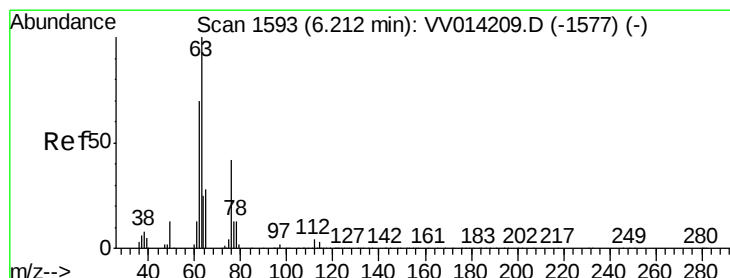
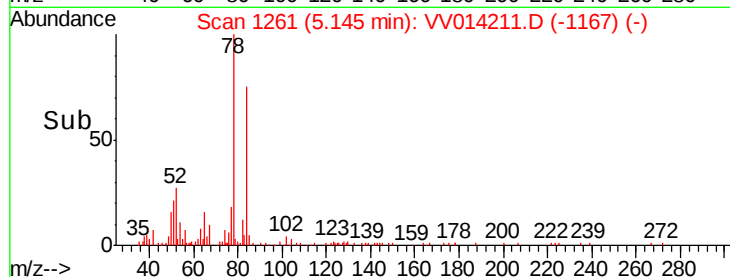
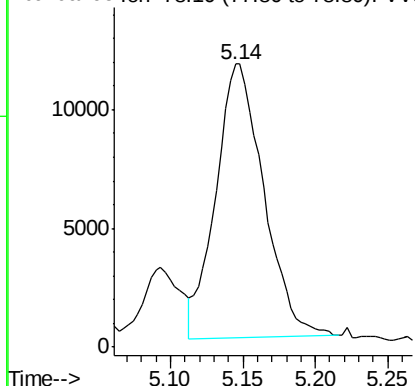
ClientSampleId :

BF6X2RE

Tgt Ion: 78 Resp: 26514



Abundance Ion 78.10 (77.80 to 78.80): VV0



#37

1,2-Dichloropropane

Concen: 0.078 ug/L

RT: 6.23 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VV014211.D

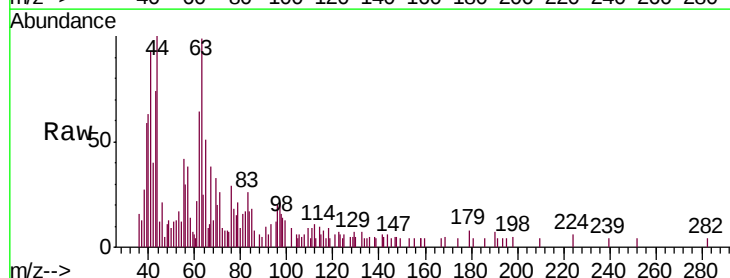
Acq: 28 Dec 2019 12:50

Tgt Ion: 63 Resp: 5782

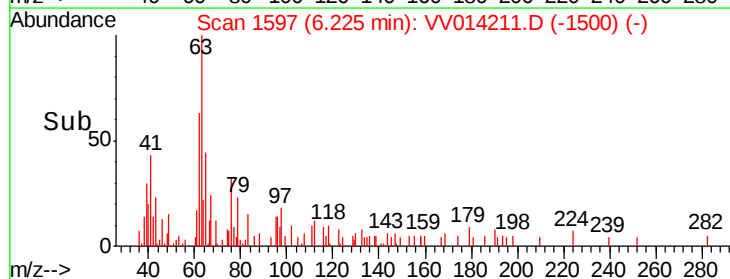
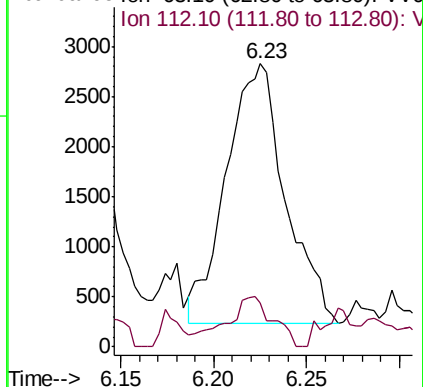
Ion Ratio Lower Upper

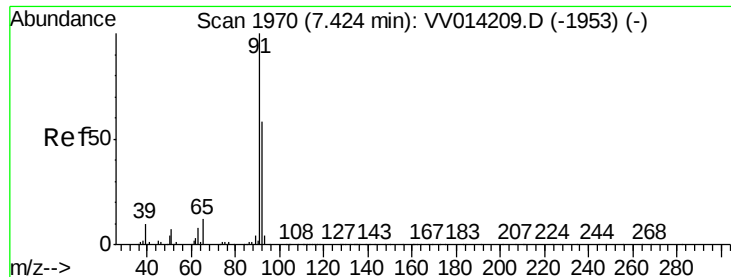
63 100

112 15.6 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0





#42

Toluene

Concen: 0.145 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV014211.D

Acq: 28 Dec 2019 12:50

Instrument :

MSVOA_V

ClientSampleId :

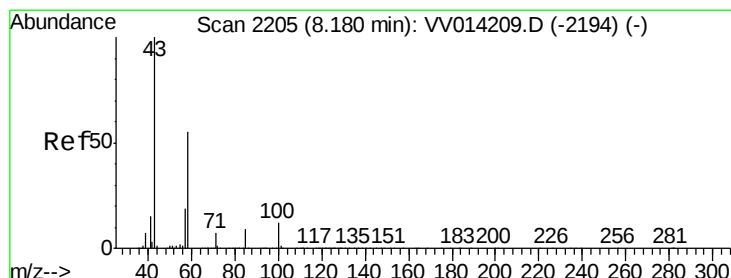
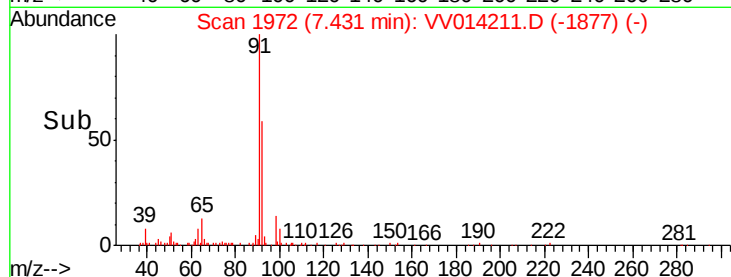
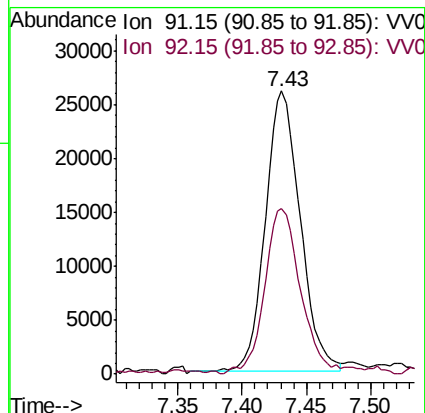
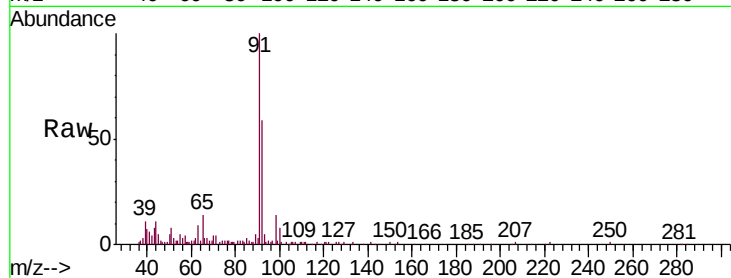
BF6X2RE

Tgt Ion: 91 Resp: 48969

Ion Ratio Lower Upper

91 100

92 58.7 41.2 76.6



#48

2-Hexanone

Concen: 1.303 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV014211.D

Acq: 28 Dec 2019 12:50

Tgt Ion: 43 Resp: 41769

Ion Ratio Lower Upper

43 100

58 33.7 45.4 68.0#

57 9.2 15.8 23.8#

100 0.2 10.2 15.4#

