

Data File : VV012373.D
Acq On : 23 Aug 2019 19:33
Operator : SY/MD
Sample : K4481-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XM8

Quant Time: Aug 26 08:03:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	262873	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	257414	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	104475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67497	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.58	69	47582	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	86880	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.93	46	168598	47.62	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.24%
24) Chloroform-d	4.40	84	135443	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	66874	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.10	84	277868	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	85608	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	228287	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.66	79	28711	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.13	63	81683	36.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49721	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	81660	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

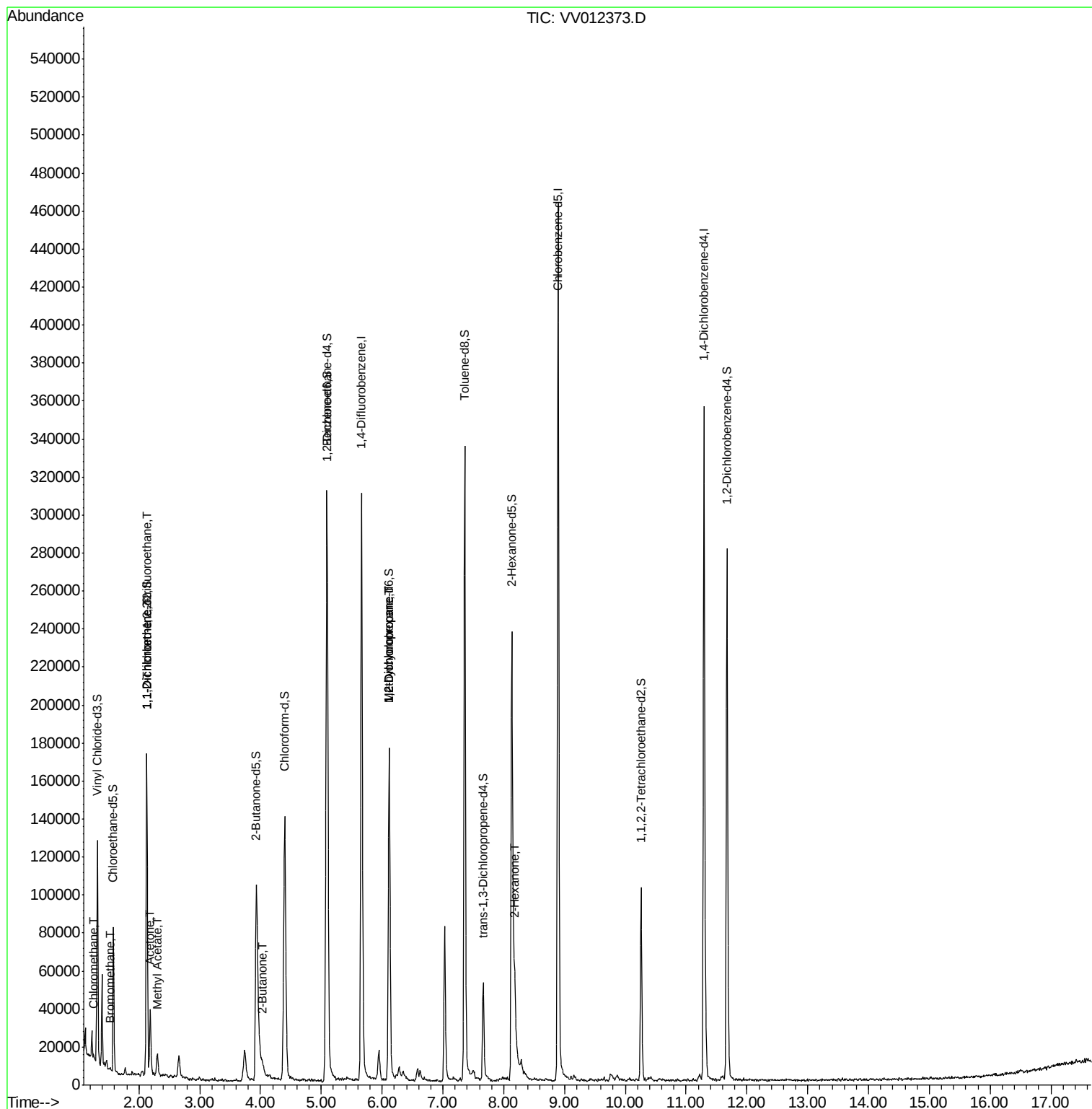
					Qvalue
3) Chloromethane	1.25	50	1638	0.095 ug/L	87
6) Bromomethane	1.53	94	615	0.080 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	938	0.081 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	851	0.081 ug/L #	1
13) Acetone	2.19	43	31494	20.560 ug/L	97
15) Methyl Acetate	2.31	43	2584	0.670 ug/L #	59
21) 2-Butanone	4.03	43	8355	2.322 ug/L	84
35) Methylcyclohexane	6.12	83	20547	0.738 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9908	0.596 ug/L #	87
48) 2-Hexanone	8.18	43	26763	4.163 ug/L #	86

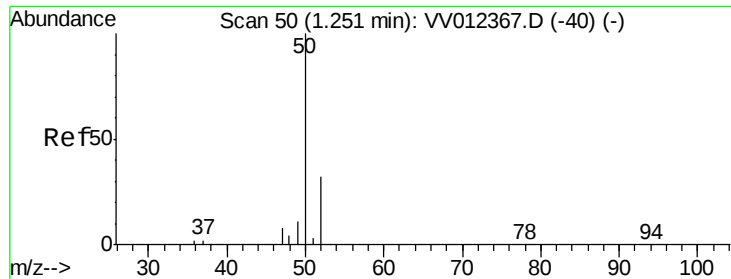
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012373.D
Acq On : 23 Aug 2019 19:33
Operator : SY/MD
Sample : K4481-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
C0XM8

Quant Time: Aug 26 08:03:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.095 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012373.D

Acq: 23 Aug 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

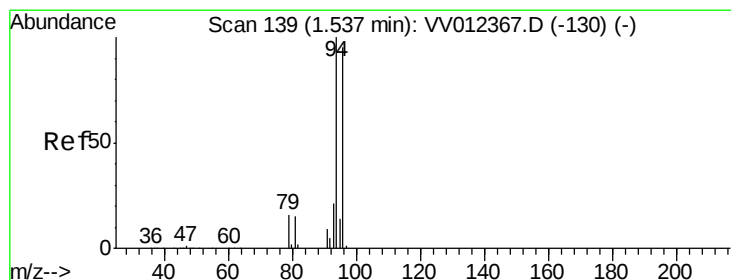
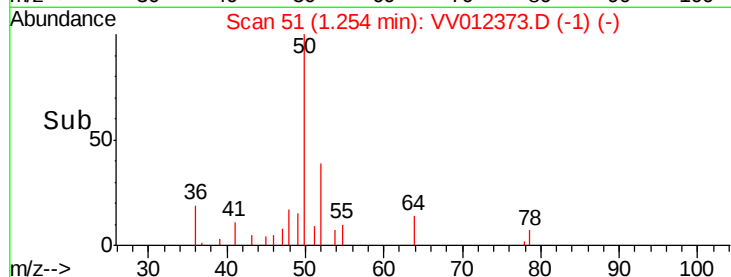
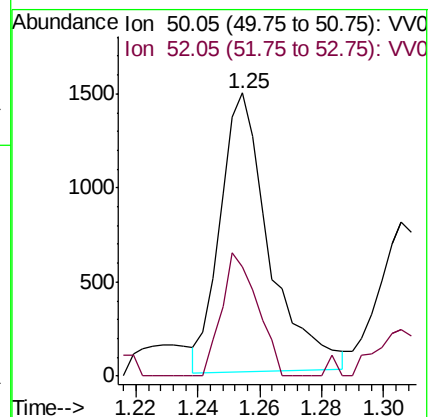
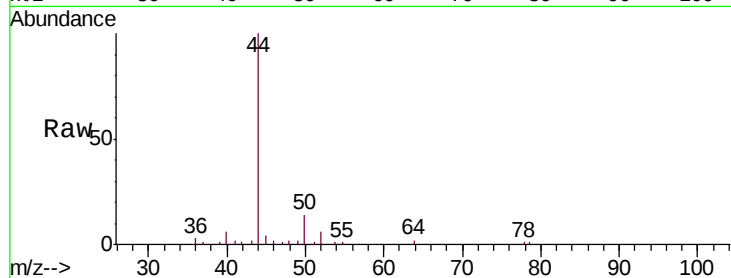
C0XM8

Tgt Ion: 50 Resp: 1638

Ion Ratio Lower Upper

50 100

52 38.8 22.2 41.2



#6

Bromomethane

Concen: 0.080 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV012373.D

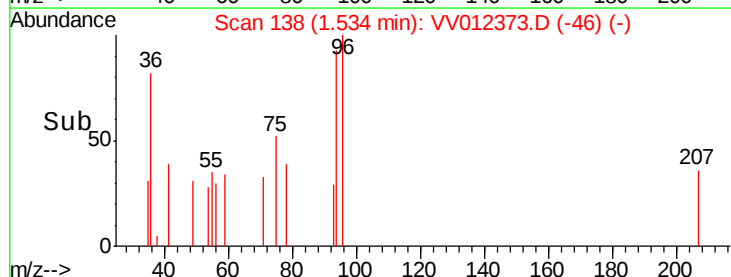
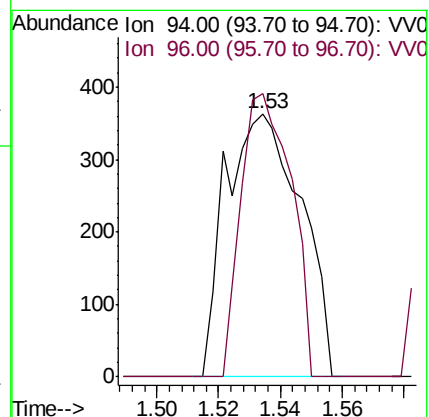
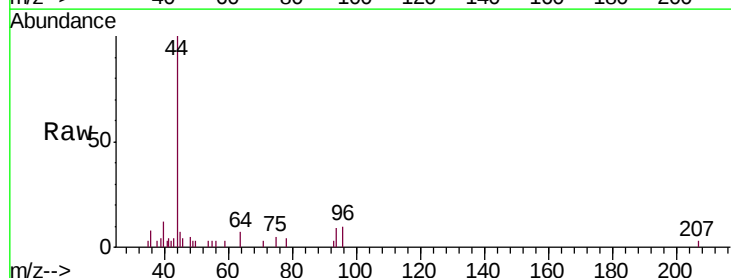
Acq: 23 Aug 2019 19:33

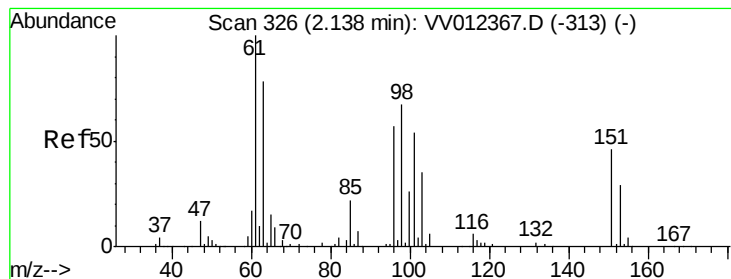
Tgt Ion: 94 Resp: 615

Ion Ratio Lower Upper

94 100

96 107.7 69.2 128.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012373.D

Acq: 23 Aug 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

C0XM8

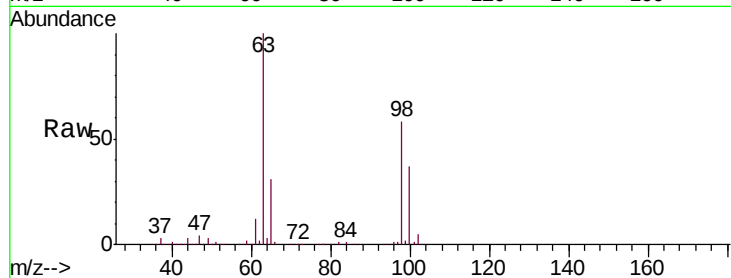
Tgt Ion: 101 Resp: 938

Ion Ratio Lower Upper

101 100

85 5.1 34.6 51.8#

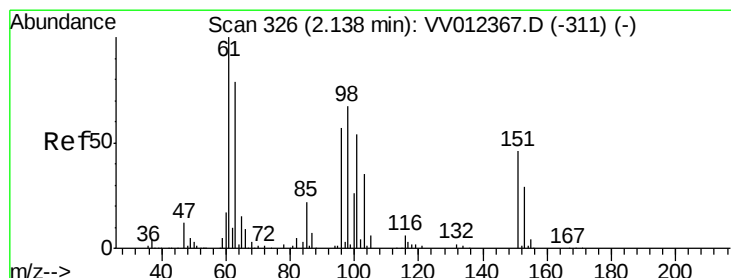
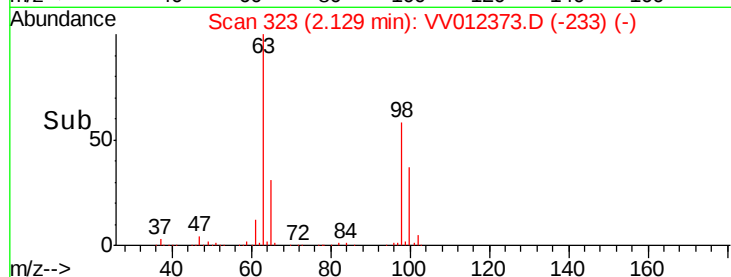
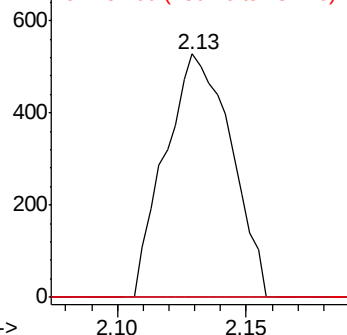
151 0.0 71.2 106.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012373.D

Acq: 23 Aug 2019 19:33

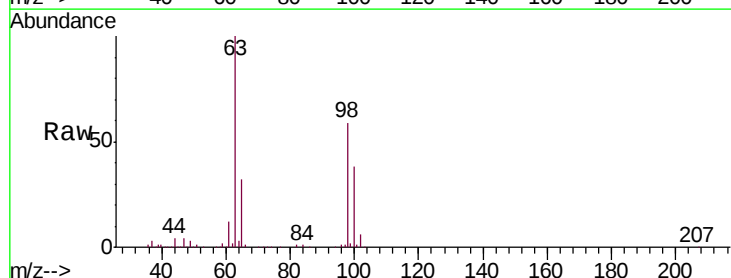
Tgt Ion: 96 Resp: 851

Ion Ratio Lower Upper

96 100

61 1411.8 122.3 227.1#

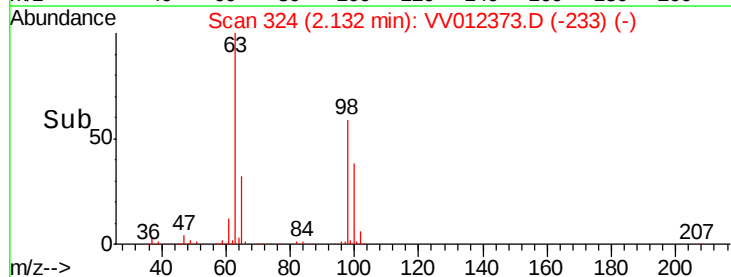
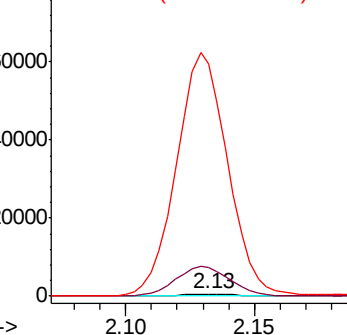
63 11309.5 90.6 168.2#

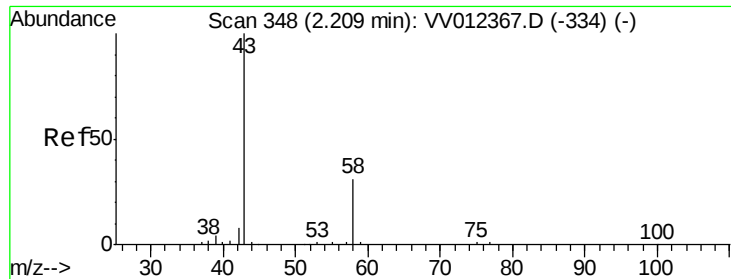


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 20.560 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV012373.D

Acq: 23 Aug 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

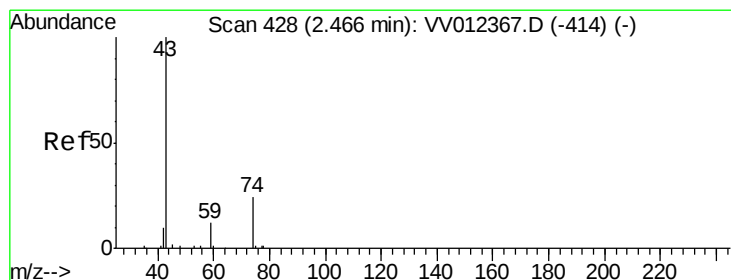
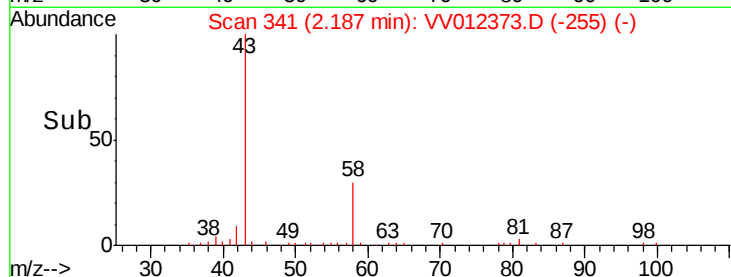
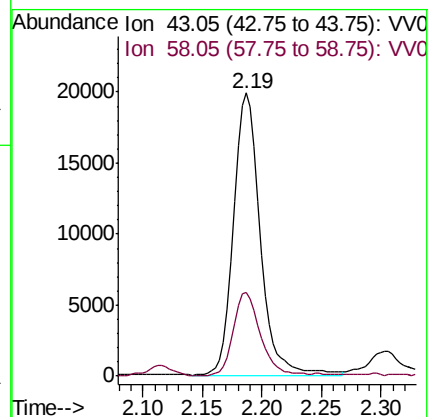
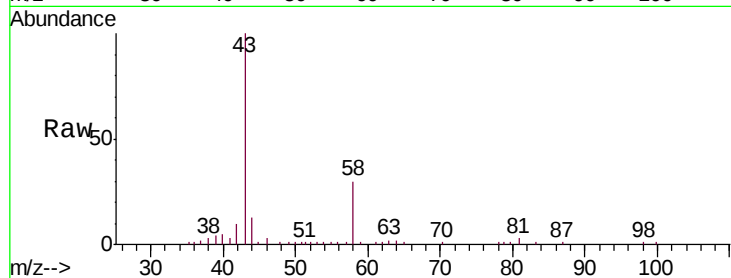
C0XM8

Tgt Ion: 43 Resp: 31494

Ion Ratio Lower Upper

43 100

58 29.8 0.0 62.8



#15

Methyl Acetate

Concen: 0.670 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.16 min

Lab File: VV012373.D

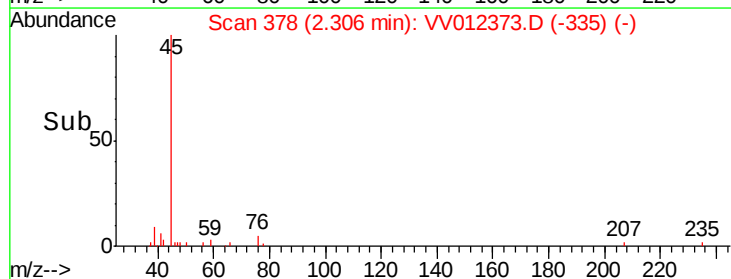
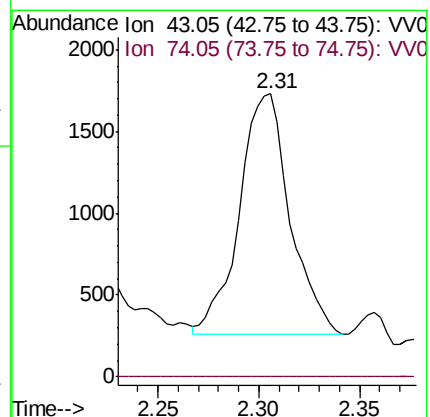
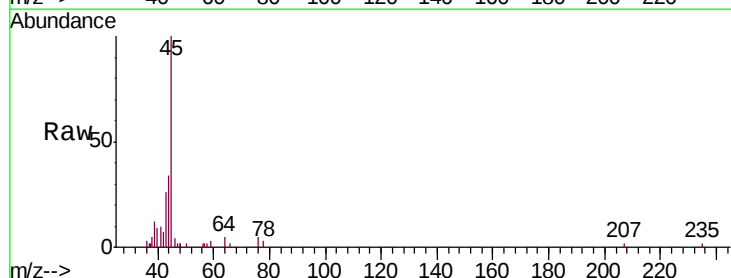
Acq: 23 Aug 2019 19:33

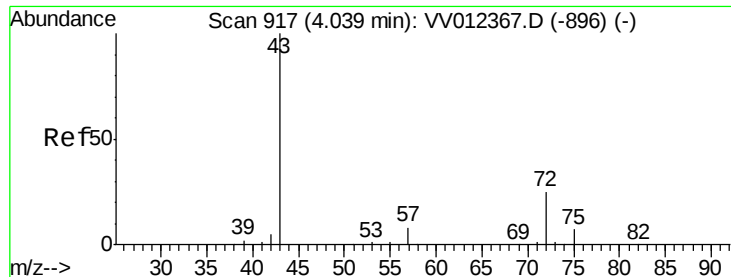
Tgt Ion: 43 Resp: 2584

Ion Ratio Lower Upper

43 100

74 5.8 21.8 32.6#





#21

2-Butanone

Concen: 2.322 ug/L

RT: 4.03 min Scan# 915

Delta R.T. -0.01 min

Lab File: VV012373.D

Acq: 23 Aug 2019 19:33

Instrument :

MSVOA_V

ClientSampled :

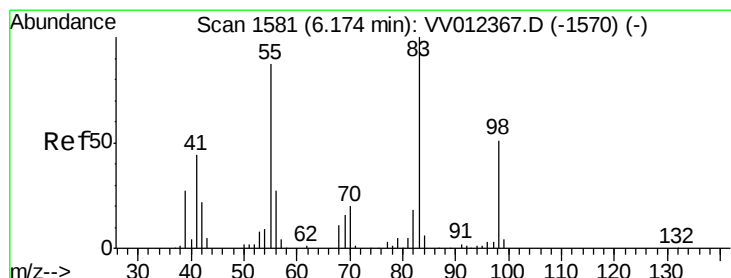
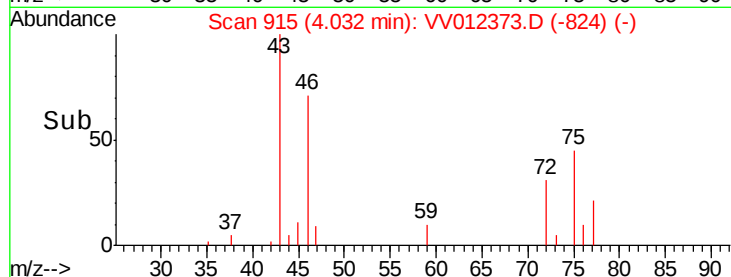
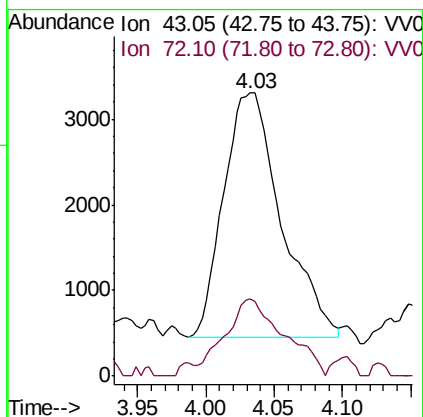
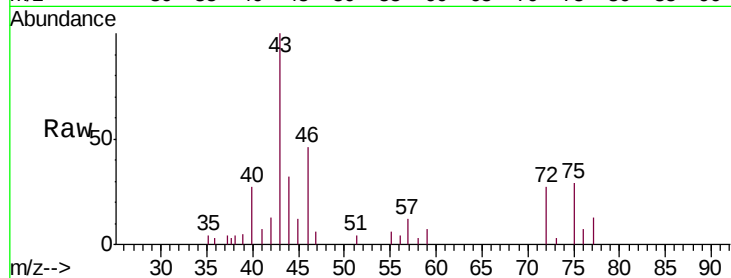
COXM8

Tgt Ion: 43 Resp: 8355

Ion Ratio Lower Upper

43 100

72 32.3 12.2 36.6



#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012373.D

Acq: 23 Aug 2019 19:33

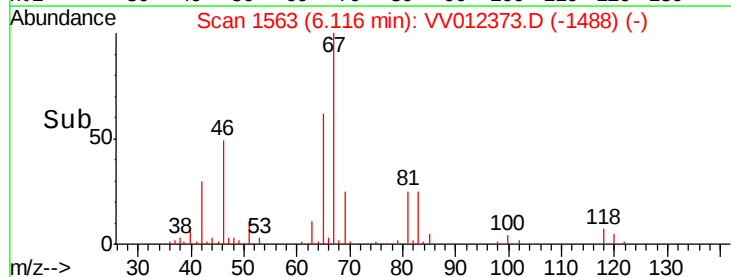
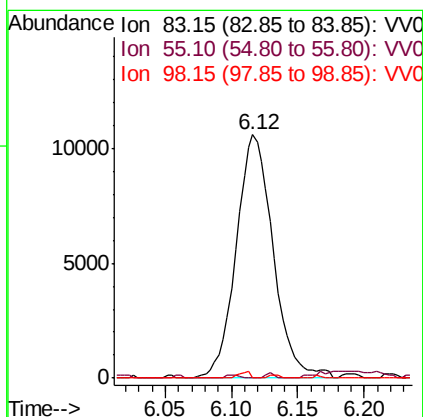
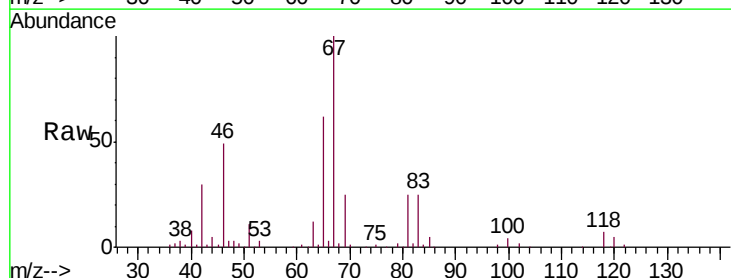
Tgt Ion: 83 Resp: 20547

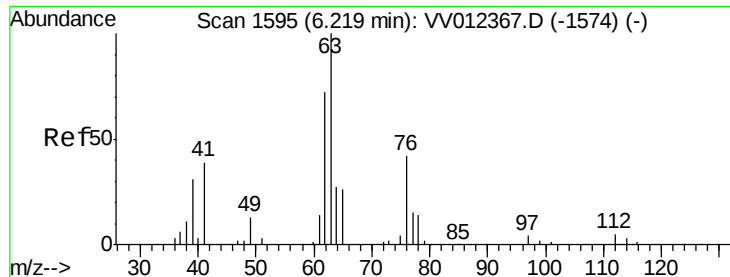
Ion Ratio Lower Upper

83 100

55 0.4 64.6 97.0#

98 0.7 39.0 58.4#

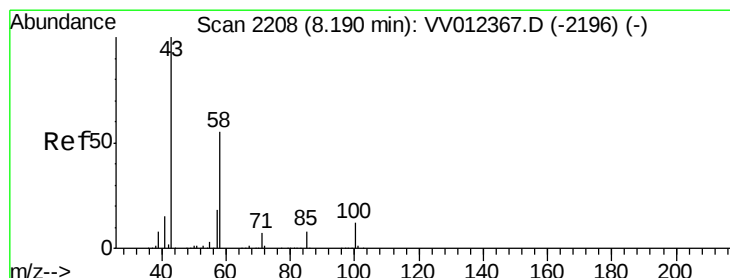
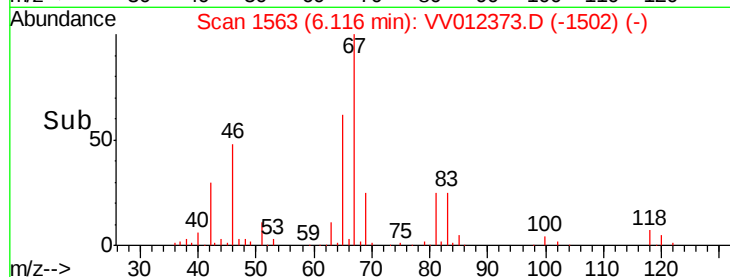
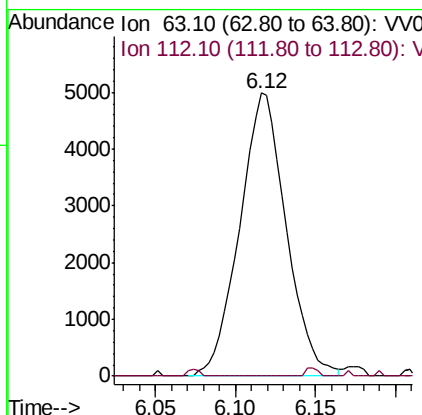
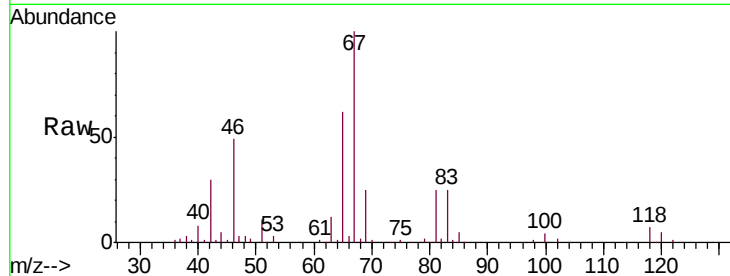




#37
 1,2-Dichloropropane
 Concen: 0.596 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012373.D
 Acq: 23 Aug 2019 19:33

Instrument :
 MSVOA_V
 ClientSampled :
 COXM8

Tgt Ion: 63 Resp: 9908
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.2 6.2#



#48
 2-Hexanone
 Concen: 4.163 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: VV012373.D
 Acq: 23 Aug 2019 19:33

Tgt Ion: 43 Resp: 26763
 Ion Ratio Lower Upper
 43 100
 58 44.3 46.3 69.5#
 57 16.6 14.9 22.3
 100 10.2 9.7 14.5

