

Data File : VV011442.D
Acq On : 13 Jun 2019 01:52
Operator : SY/MD
Sample : K3310-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM20

Quant Time: Jun 13 02:38:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 02:32:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135481	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	45467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31323	3.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.00%
7) Chloroethane-d5	1.58	69	28296	3.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.40%
11) 1,1-Dichloroethene-d2	2.12	63	56499	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	3.97	46	112010	48.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	4.40	84	79878	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	47615	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.09	84	151643	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.12	67	48608	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.36	98	124524	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.66	79	11752	2.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.60%#
46) 2-Hexanone-d5	8.14	63	81972	45.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32713	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	40215	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

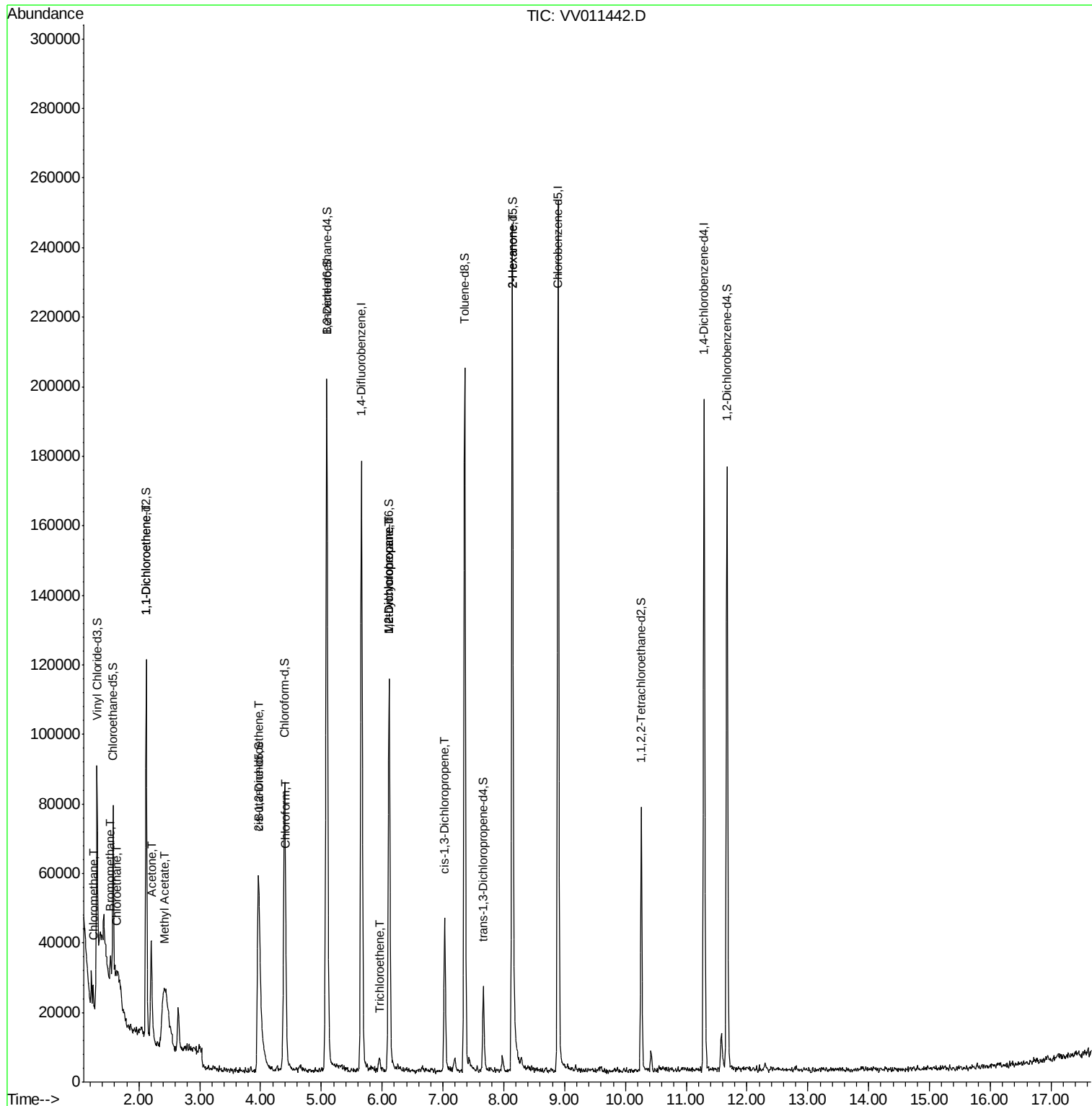
					Qvalue
3) Chloromethane	1.25	50	5869	0.454 ug/L	98
6) Bromomethane	1.53	94	2695	0.416 ug/L	97
8) Chloroethane	1.63	64	1930	0.242 ug/L #	64
12) 1,1-Dichloroethene	2.13	96	2358	0.276 ug/L #	1
13) Acetone	2.21	43	4766	3.076 ug/L	85
15) Methyl Acetate	2.42	43	16569	4.026 ug/L #	53
22) cis-1,2-Dichloroethene	3.96	96	948	0.090 ug/L	77
25) Chloroform	4.42	83	2223	0.114 ug/L	95
34) Trichloroethene	5.95	95	912	0.091 ug/L #	59
35) Methylcyclohexane	6.12	83	12263	0.737 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6592	0.680 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1233	0.087 ug/L #	48
48) 2-Hexanone	8.14	43	12782	2.969 ug/L #	72

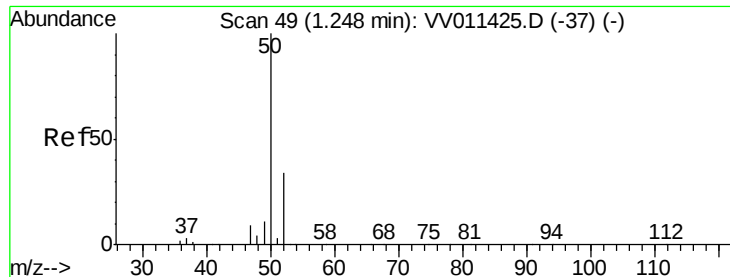
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.454 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011442.D

Acq: 13 Jun 2019 01:52

Instrument :

MSVOA_V

ClientSampleId :

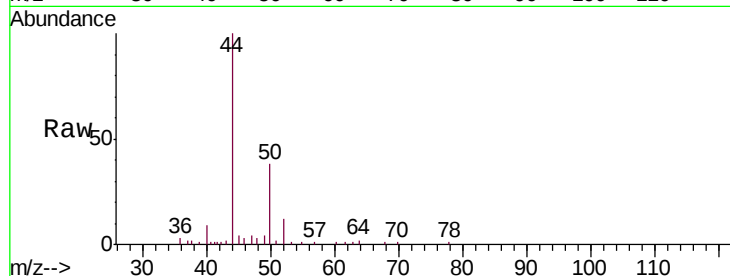
COM20

Tgt Ion: 50 Resp: 5869

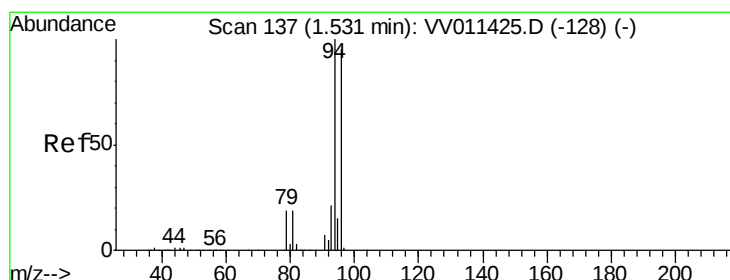
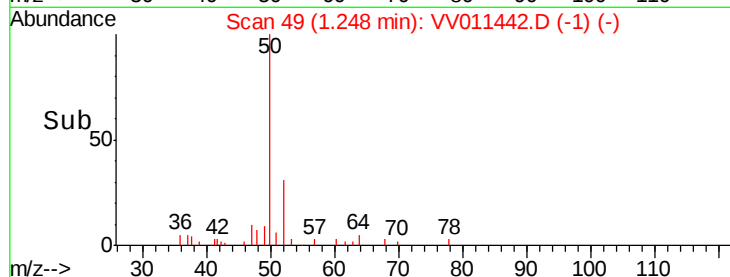
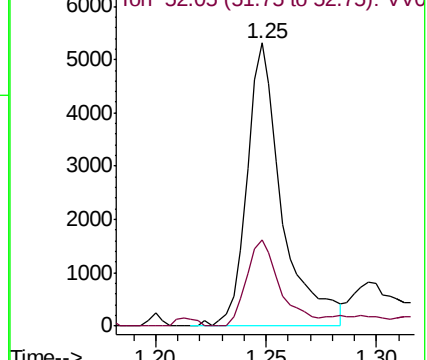
Ion Ratio Lower Upper

50 100

52 30.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011442.D (-1) (-)



#6

Bromomethane

Concen: 0.416 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV011442.D

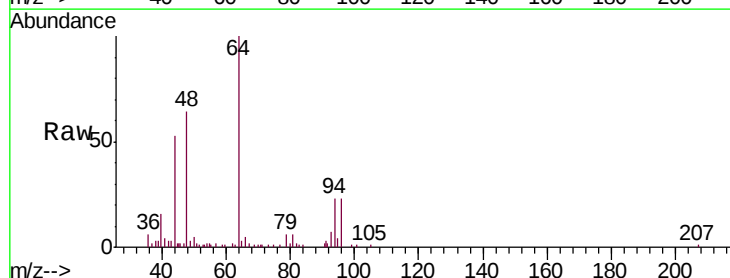
Acq: 13 Jun 2019 01:52

Tgt Ion: 94 Resp: 2695

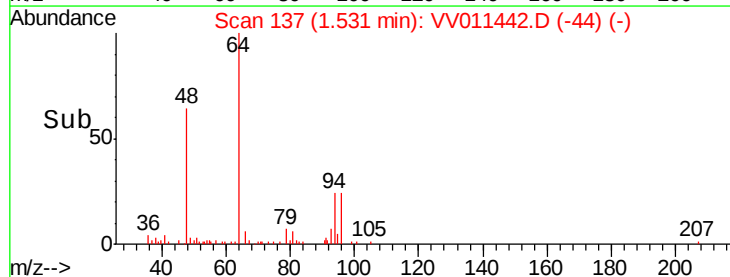
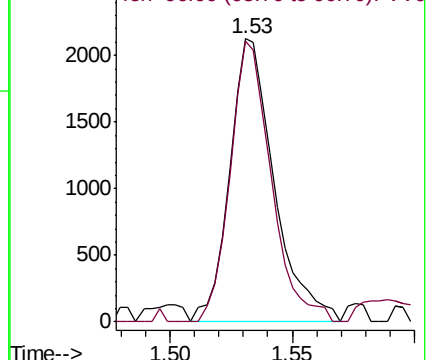
Ion Ratio Lower Upper

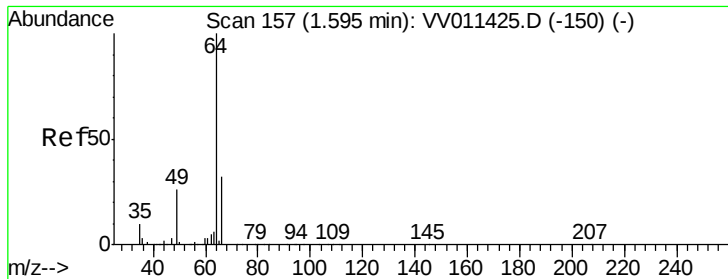
94 100

96 99.1 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV011442.D (-44) (-)





#8

Chloroethane

Concen: 0.242 ug/L

RT: 1.63 min Scan# 169

Delta R.T. 0.04 min

Lab File: VV011442.D

Acq: 13 Jun 2019 01:52

Instrument :

MSVOA_V

ClientSampled :

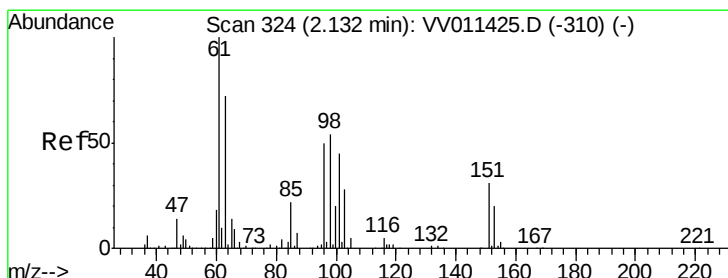
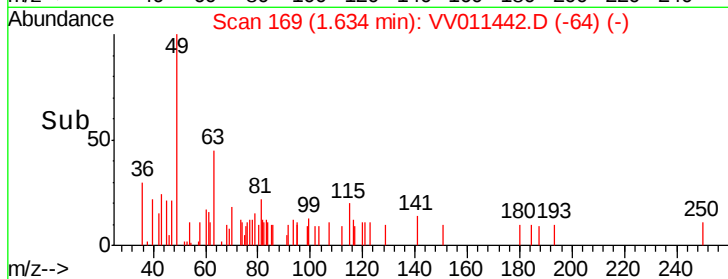
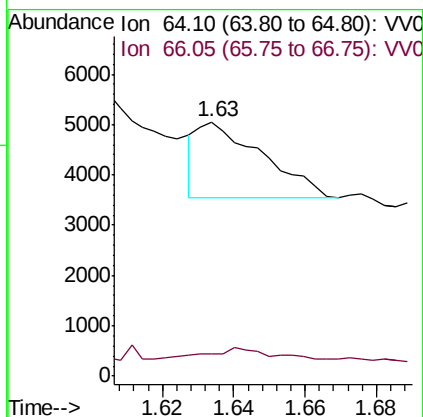
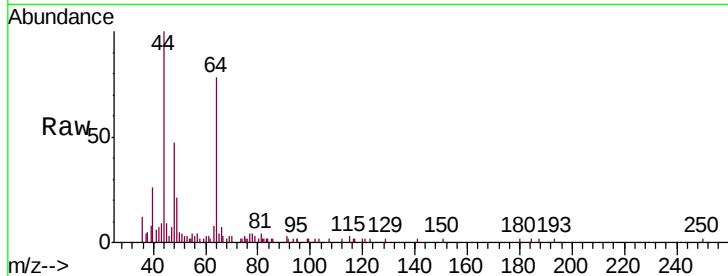
COM20

Tgt Ion: 64 Resp: 1930

Ion Ratio Lower Upper

64 100

66 8.9 19.4 36.0#



#12

1,1-Dichloroethene

Concen: 0.276 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011442.D

Acq: 13 Jun 2019 01:52

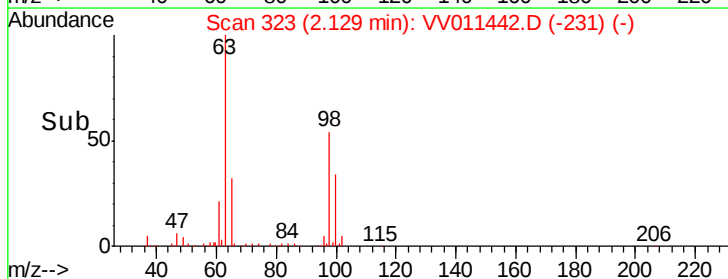
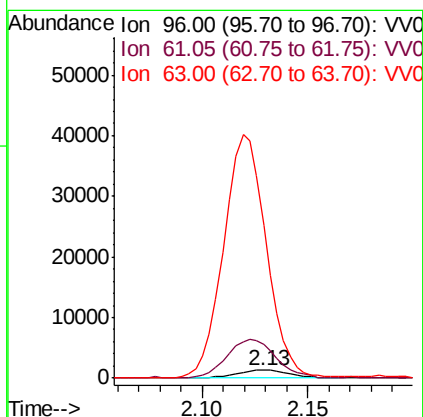
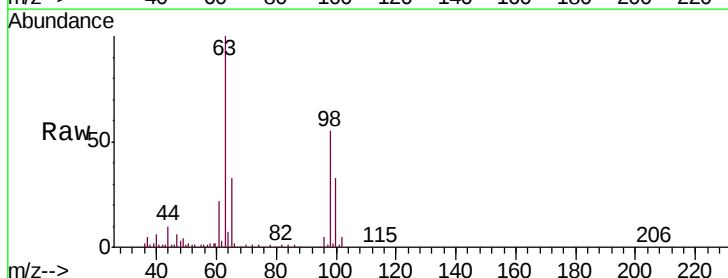
Tgt Ion: 96 Resp: 2358

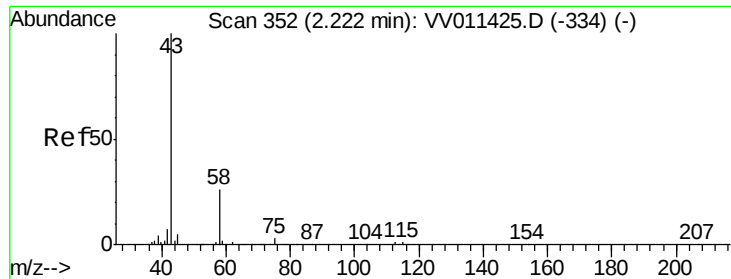
Ion Ratio Lower Upper

96 100

61 417.6 139.8 259.6#

63 1894.4 94.3 175.1#





#13

Acetone

Concen: 3.076 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV011442.D

Acq: 13 Jun 2019 01:52

Instrument :

MSVOA_V

ClientSampled :

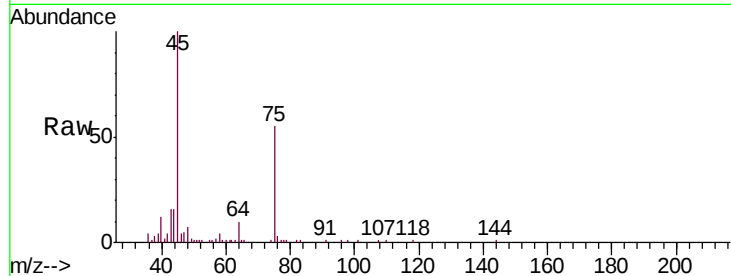
COM20

Tgt Ion: 43 Resp: 4766

Ion Ratio Lower Upper

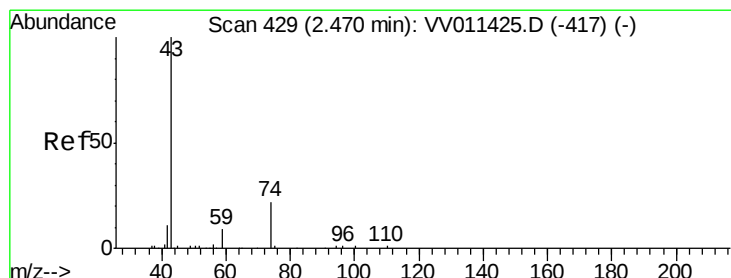
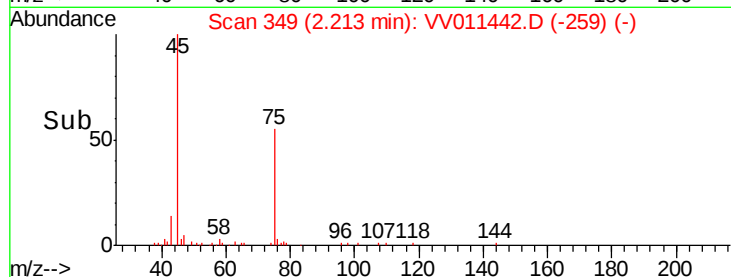
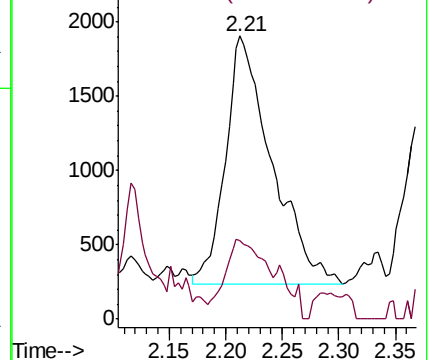
43 100

58 19.7 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 4.026 ug/L

RT: 2.42 min Scan# 414

Delta R.T. -0.05 min

Lab File: VV011442.D

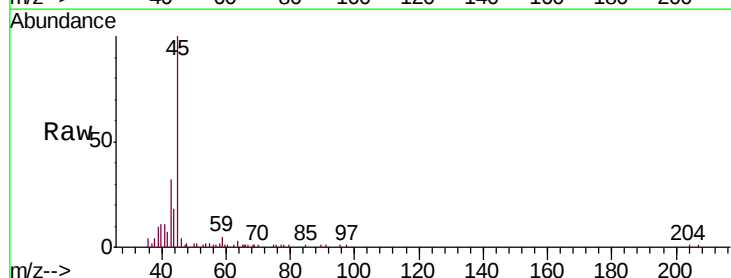
Acq: 13 Jun 2019 01:52

Tgt Ion: 43 Resp: 16569

Ion Ratio Lower Upper

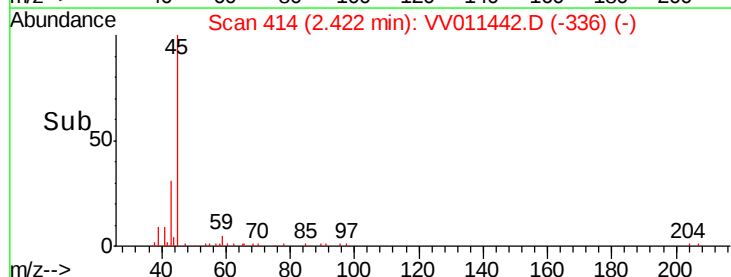
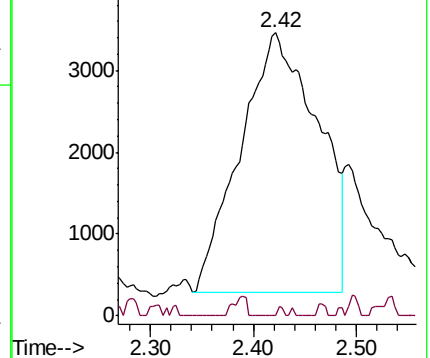
43 100

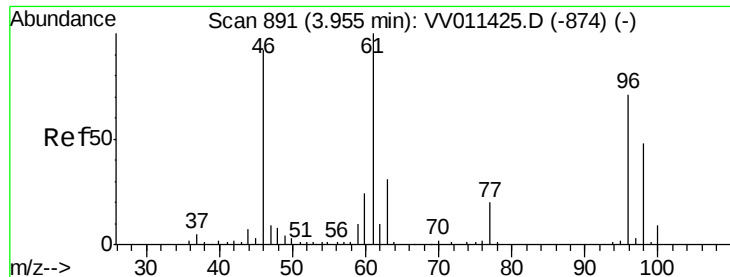
74 0.2 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



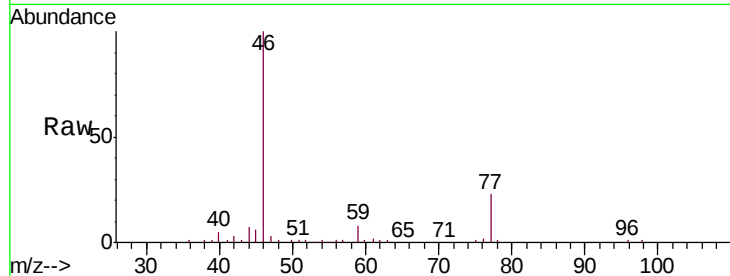


#22

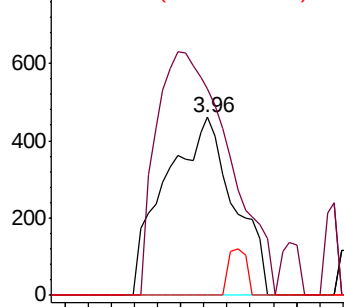
cis-1,2-Dichloroethene
 Concen: 0.090 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV011442.D
 Acq: 13 Jun 2019 01:52

Instrument :
 MSVOA_V
 ClientSampled :
 COM20

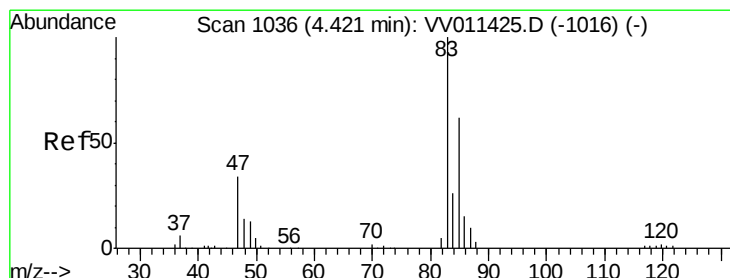
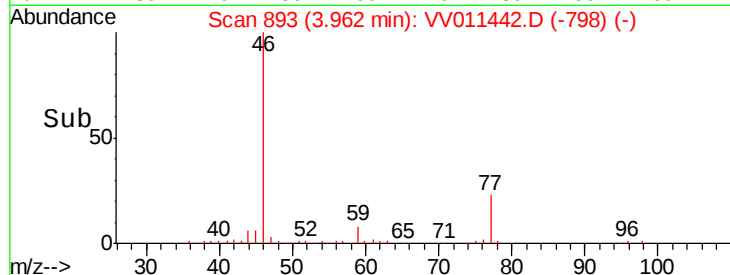
Tgt Ion: 96 Resp: 948
 Ion Ratio Lower Upper
 96 100
 61 116.1 100.8 187.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



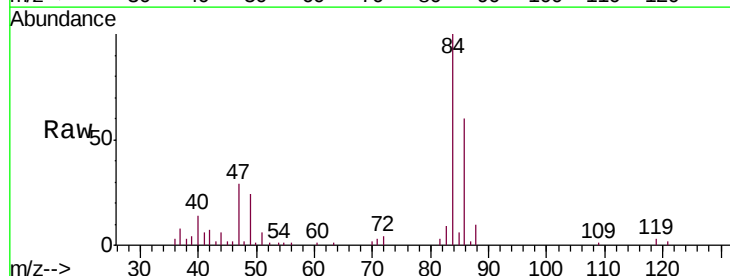
Time--> 3.90 3.95 4.00



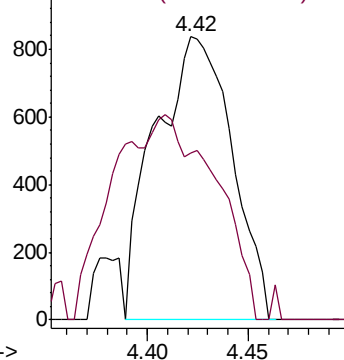
#25

Chloroform
 Concen: 0.114 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VV011442.D
 Acq: 13 Jun 2019 01:52

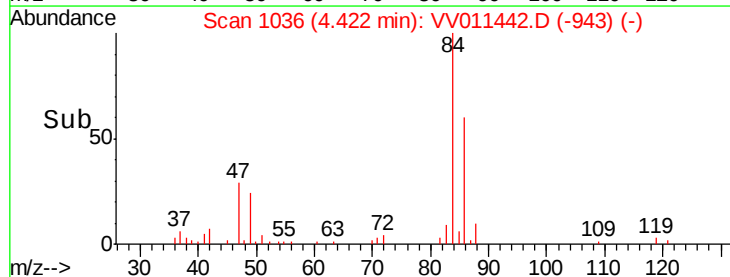
Tgt Ion: 83 Resp: 2223
 Ion Ratio Lower Upper
 83 100
 85 59.1 44.1 81.9

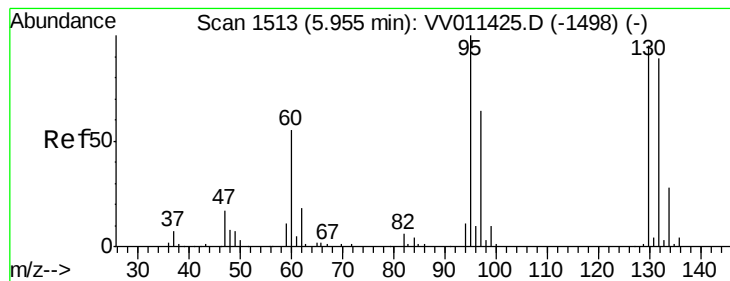


Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0



Time--> 4.40 4.45





#34

Trichloroethene

Concen: 0.091 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV011442.D

Acq: 13 Jun 2019 01:52

Instrument :

MSVOA_V

ClientSampleId :

COM20

Tgt Ion: 95 Resp: 912

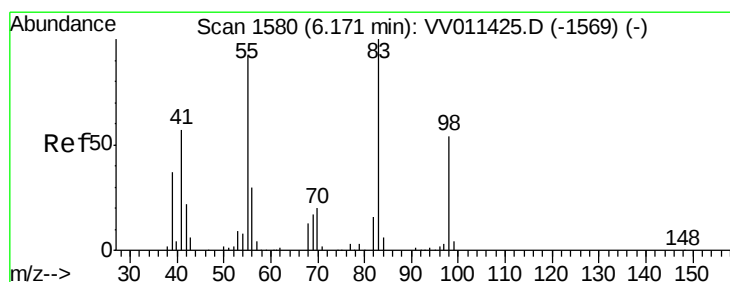
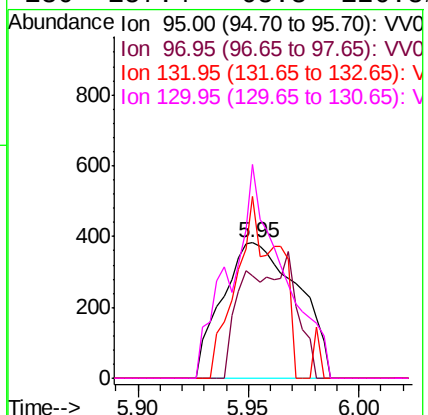
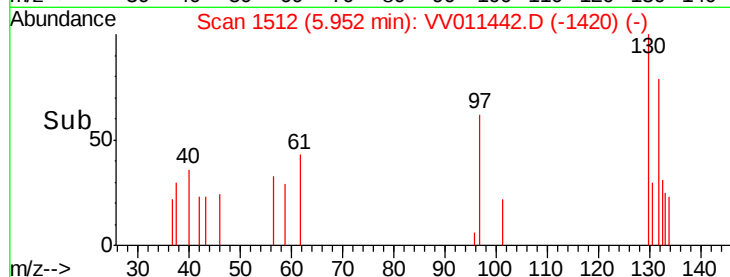
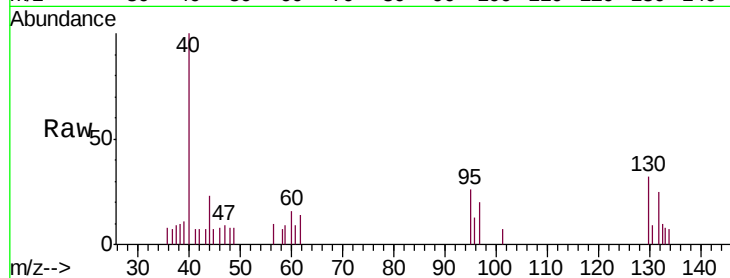
Ion Ratio Lower Upper

95 100

97 75.7 45.8 85.2

132 134.2 66.4 123.2#

130 157.4 68.3 126.8#



#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011442.D

Acq: 13 Jun 2019 01:52

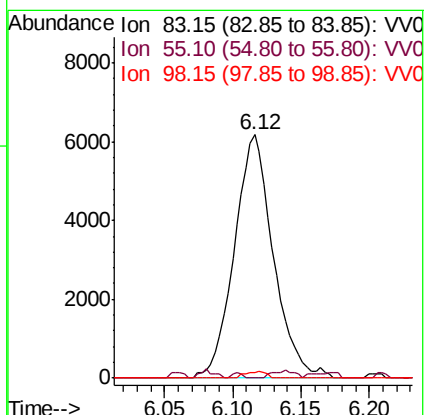
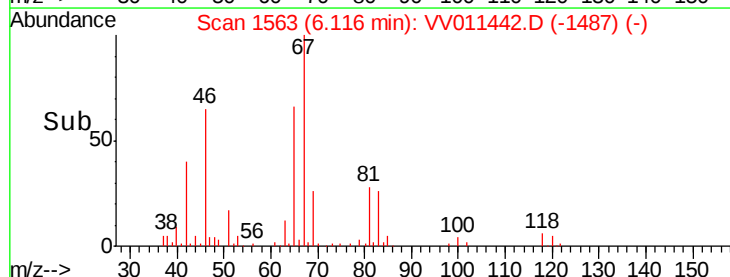
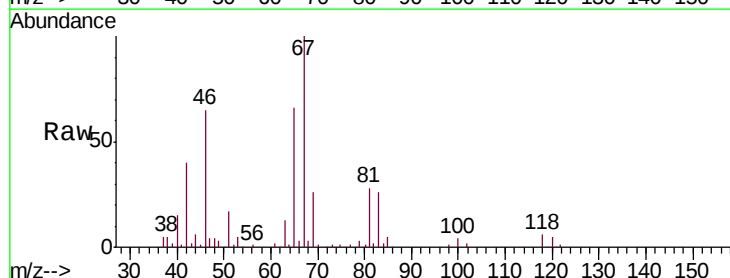
Tgt Ion: 83 Resp: 12263

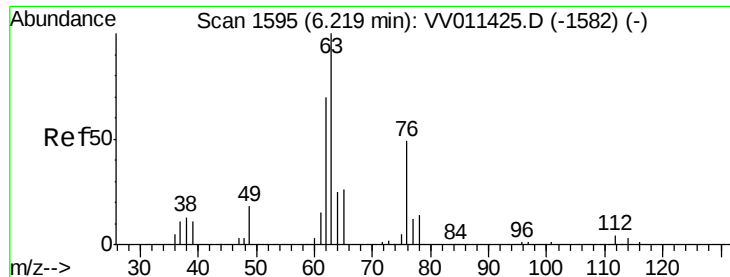
Ion Ratio Lower Upper

83 100

55 0.6 67.0 100.6#

98 1.4 40.0 60.0#

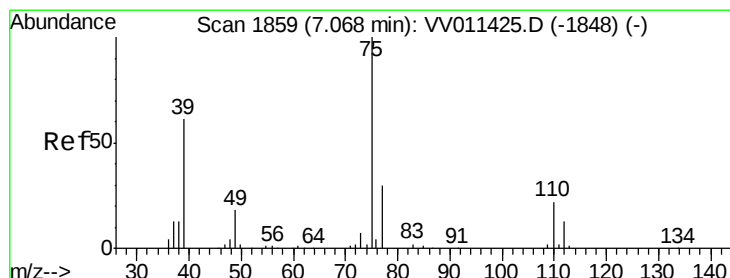
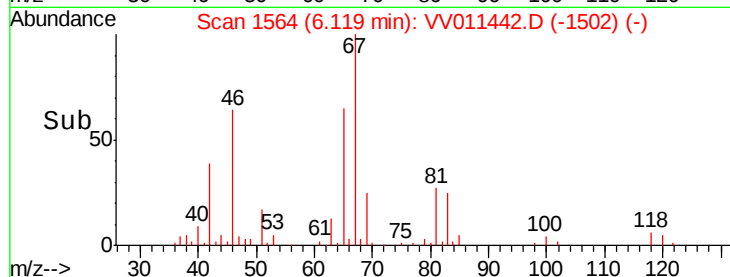
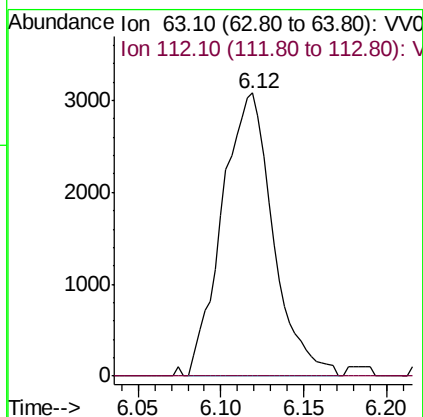
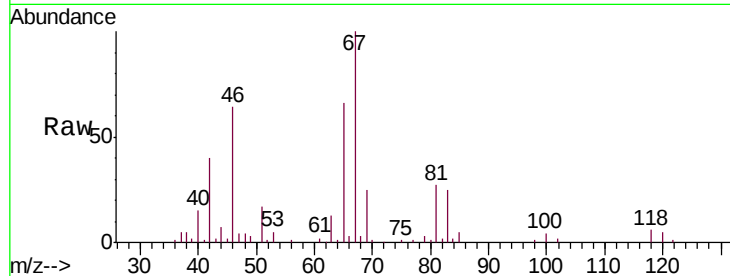




#37
 1,2-Dichloropropane
 Concen: 0.680 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011442.D
 Acq: 13 Jun 2019 01:52

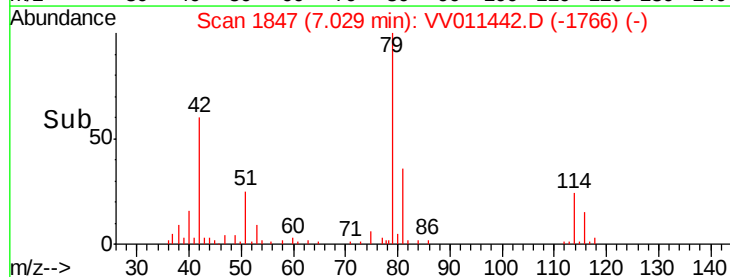
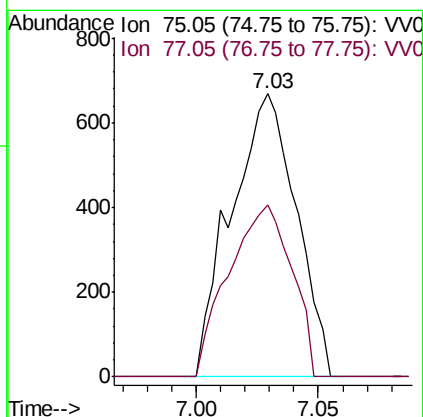
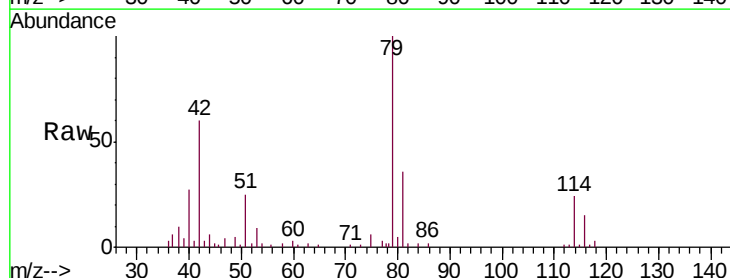
Instrument :
 MSVOA_V
 ClientSampleId :
 COM20

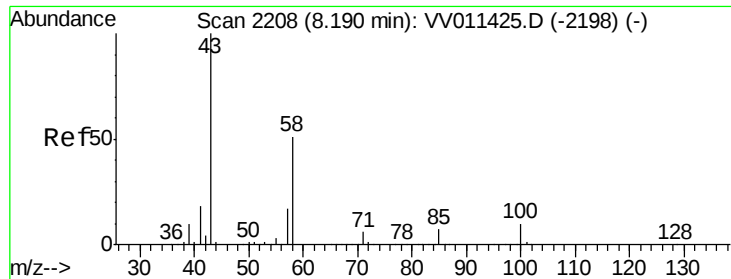
Tgt Ion: 63 Resp: 6592
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011442.D
 Acq: 13 Jun 2019 01:52

Tgt Ion: 75 Resp: 1233
 Ion Ratio Lower Upper
 75 100
 77 60.8 22.2 41.2#





#48
 2-Hexanone
 Concen: 2.969 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV011442.D
 Acq: 13 Jun 2019 01:52

Instrument :
 MSVOA_V
 ClientSampleId :
 COM20

Tgt Ion: 43 Resp: 12782
 Ion Ratio Lower Upper
 43 100
 58 29.2 41.4 62.0#
 57 26.1 15.0 22.4#
 100 0.2 9.0 13.4#

