

Data File : VV011522.D
Acq On : 15 Jun 2019 06:08
Operator : SY/MD
Sample : K3314-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM50

Quant Time: Jun 15 06:33:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 04:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	187814	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173842	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	59474	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	47037	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.12	63	91285	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.97	46	178564	44.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.50%
24) Chloroform-d	4.40	84	118359	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	71482	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.09	84	237724	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	73906	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.36	98	203944	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.66	79	21506	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.14	63	140363	44.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51191	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	65858	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

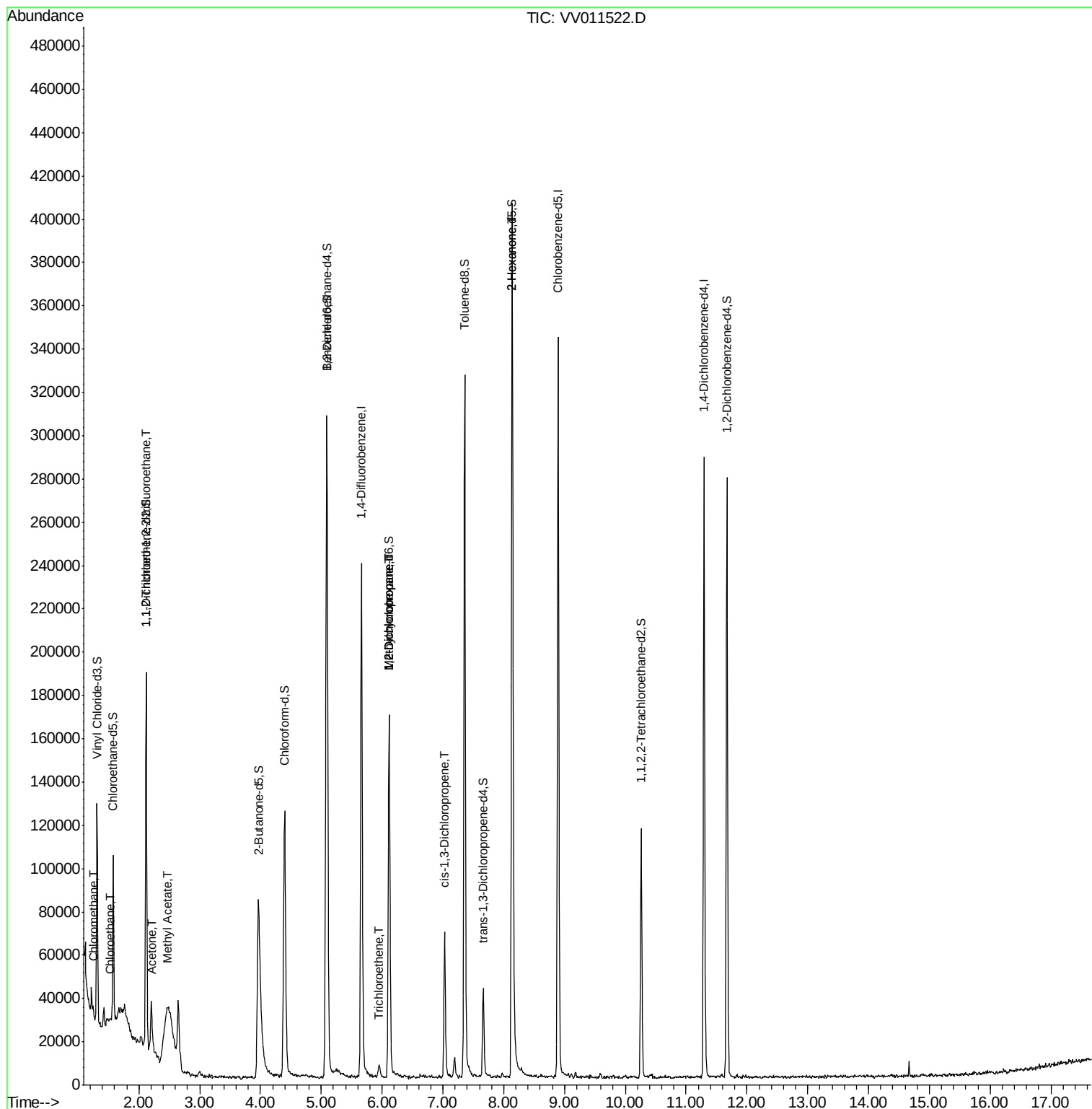
						Qvalue
3) Chloromethane	1.25	50	2903	0.160	ug/L	98
8) Chloroethane	1.51	64	2374	0.274	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1047	0.093	ug/L #	28
13) Acetone	2.23	43	7309	2.718	ug/L	77
15) Methyl Acetate	2.48	43	1288	0.181	ug/L #	76
34) Trichloroethene	5.96	95	1196	0.083	ug/L	95
35) Methylcyclohexane	6.12	83	17161	0.831	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9072	0.600	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1675	0.088	ug/L #	68
48) 2-Hexanone	8.14	43	20534	2.711	ug/L #	71

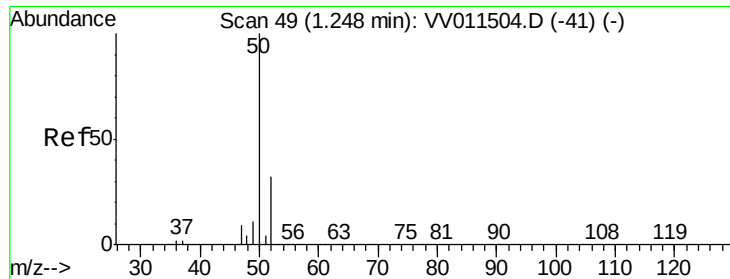
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011522.D
Acq On : 15 Jun 2019 06:08
Operator : SY/MD
Sample : K3314-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM50

Quant Time: Jun 15 06:33:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 04:37:55 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011522.D

Acq: 15 Jun 2019 06:08

Instrument :

MSVOA_V

ClientSampled :

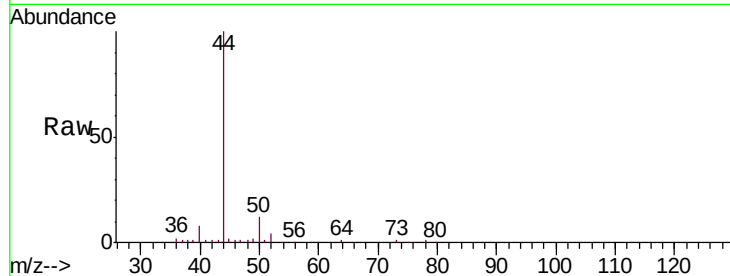
C0M50

Tgt Ion: 50 Resp: 2903

Ion Ratio Lower Upper

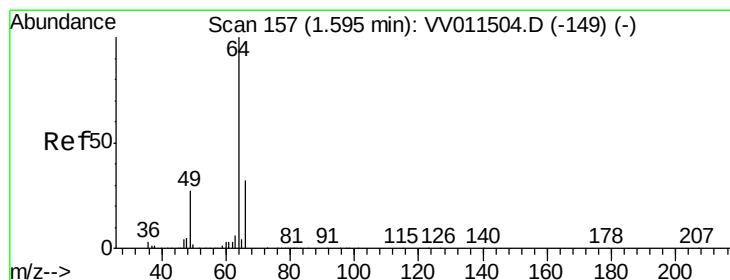
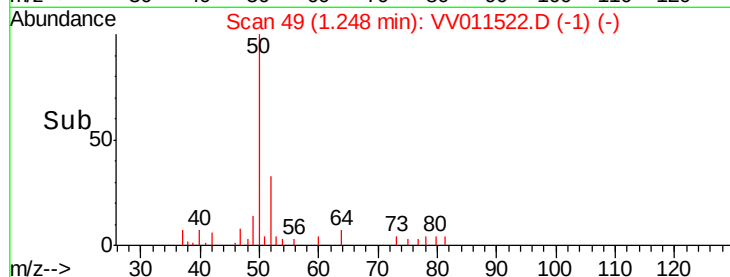
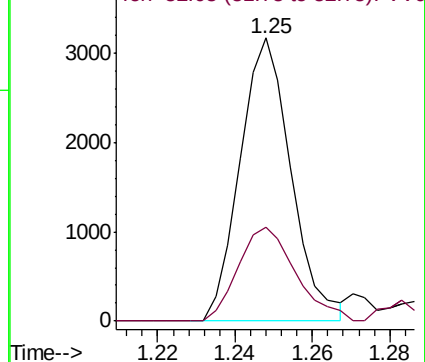
50 100

52 33.3 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.274 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.08 min

Lab File: VV011522.D

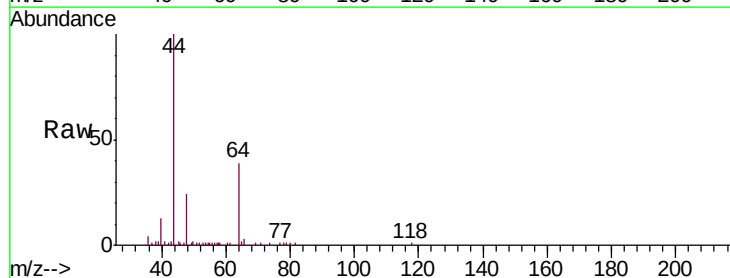
Acq: 15 Jun 2019 06:08

Tgt Ion: 64 Resp: 2374

Ion Ratio Lower Upper

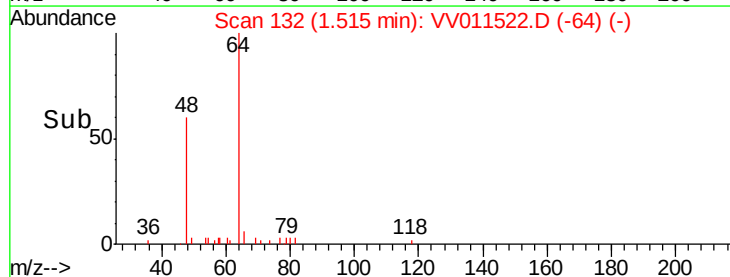
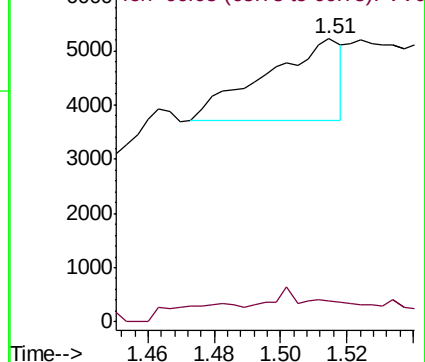
64 100

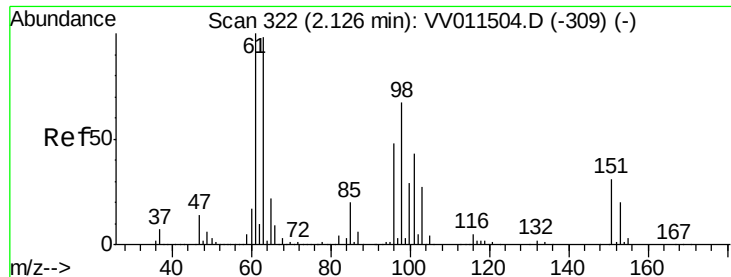
66 7.3 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.093 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011522.D

Acq: 15 Jun 2019 06:08

Instrument :

MSVOA_V

ClientSampleId :

C0M50

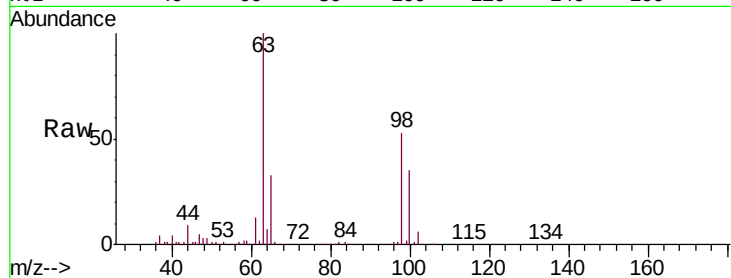
Tgt Ion:101 Resp: 1047

Ion Ratio Lower Upper

101 100

85 12.4 37.3 55.9#

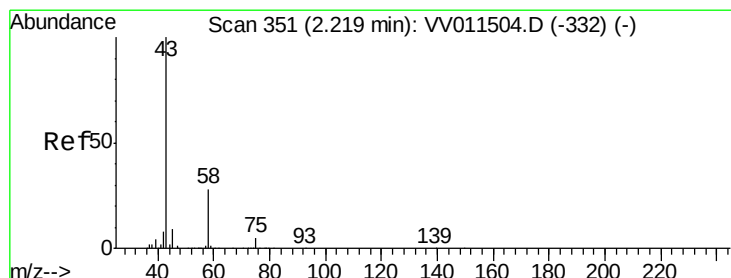
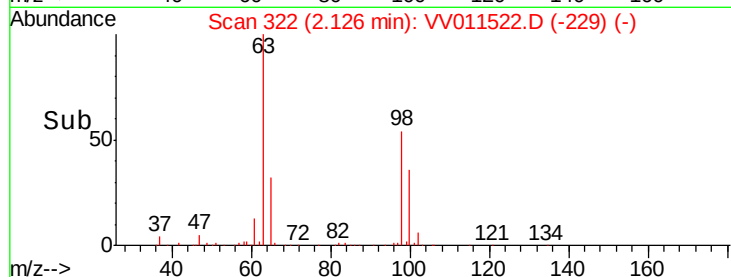
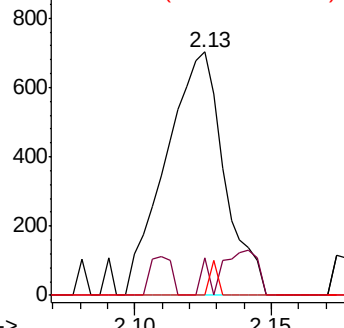
151 1.8 59.4 89.2#



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



#13

Acetone

Concen: 2.718 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV011522.D

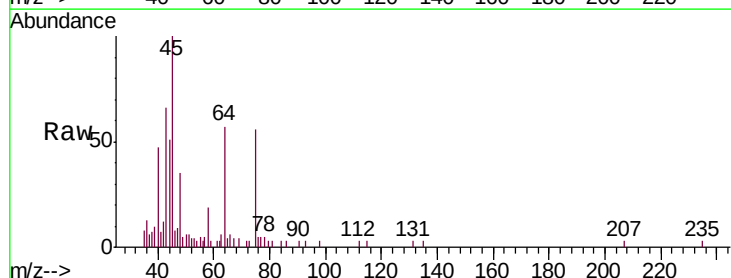
Acq: 15 Jun 2019 06:08

Tgt Ion: 43 Resp: 7309

Ion Ratio Lower Upper

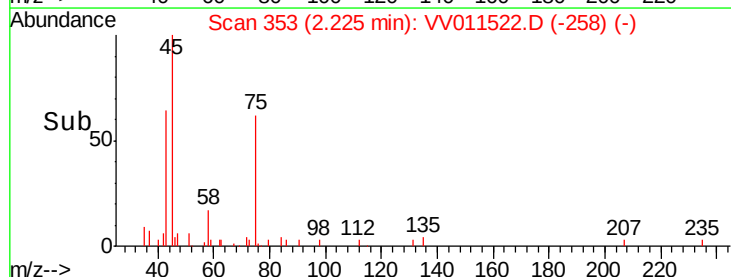
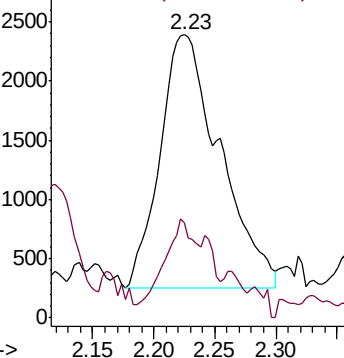
43 100

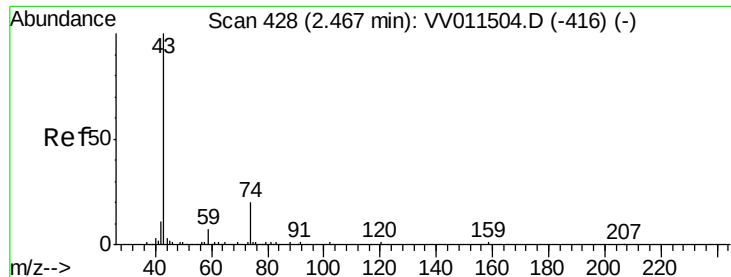
58 16.9 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

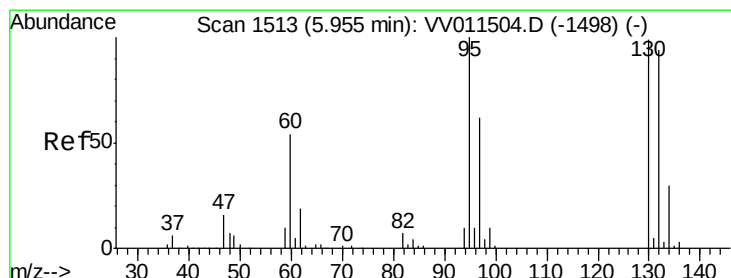
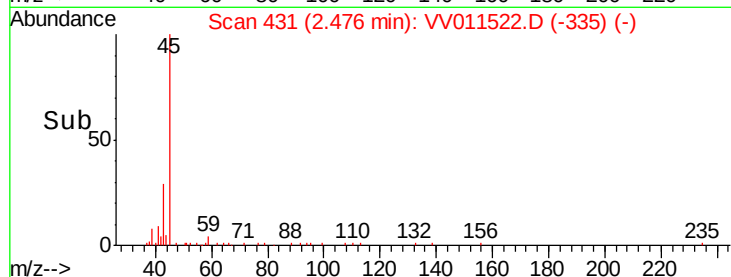
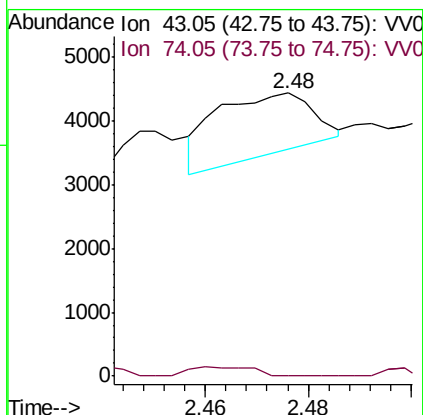
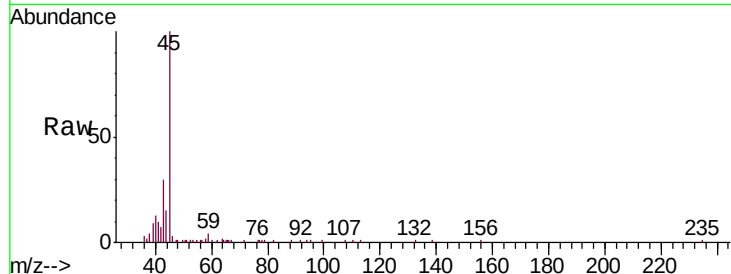




#15
Methyl Acetate
Concen: 0.181 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.01 min
Lab File: VV011522.D
Acq: 15 Jun 2019 06:08

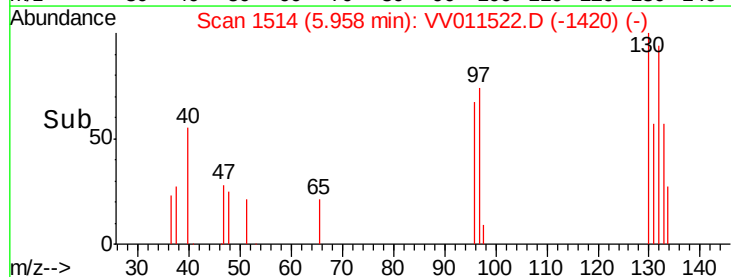
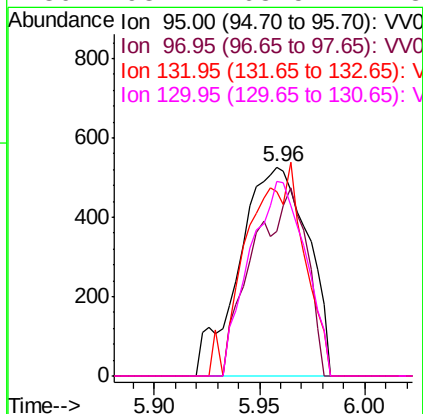
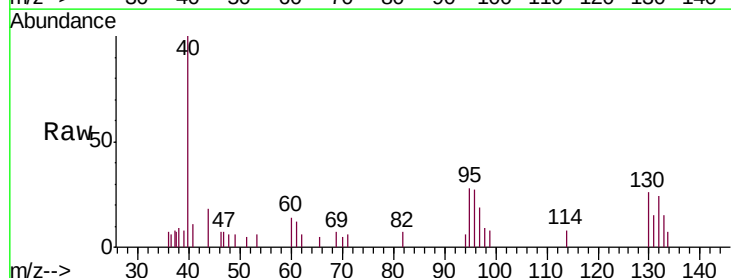
Instrument :
MSVOA_V
ClientSampleId :
COM50

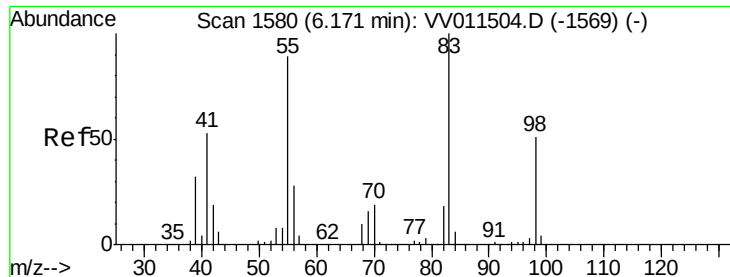
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
74 9.5 16.5 24.7#



#34
Trichloroethene
Concen: 0.083 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011522.D
Acq: 15 Jun 2019 06:08

Tgt Ion: 95 Resp: 1196
Ion Ratio Lower Upper
95 100
97 68.9 44.4 82.4
132 87.9 63.5 117.9
130 93.2 68.5 127.3

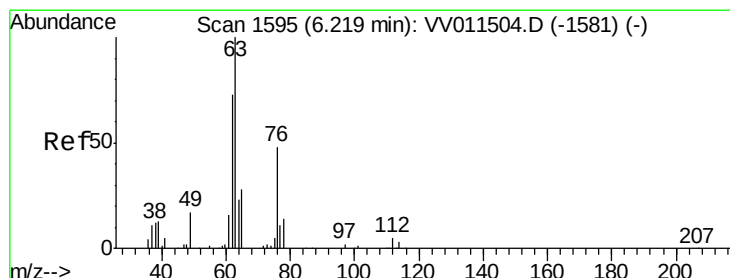
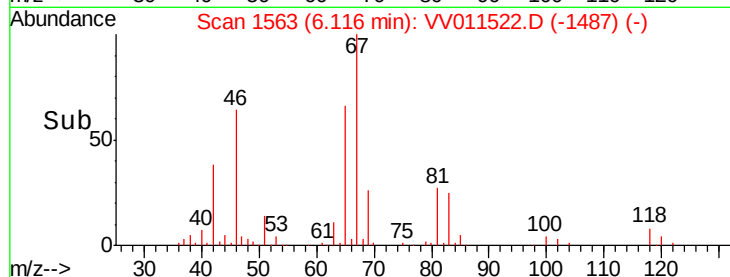
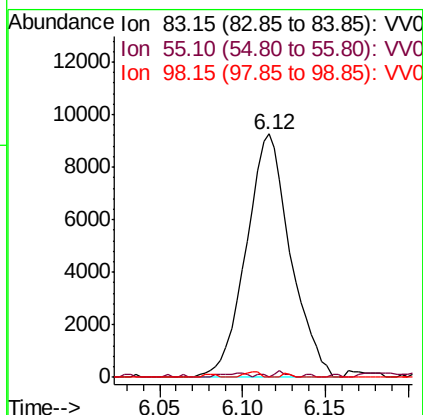
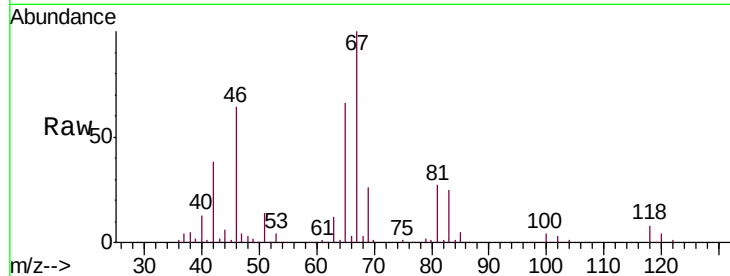




#35
Methylcyclohexane
Concen: 0.831 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011522.D
Acq: 15 Jun 2019 06:08

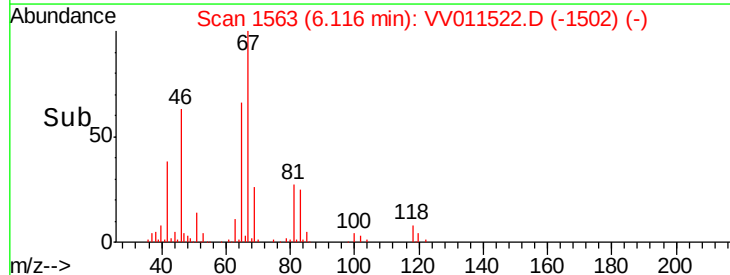
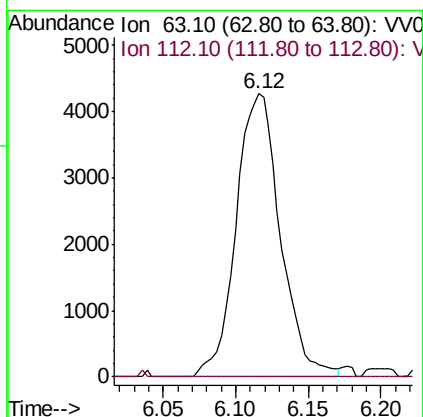
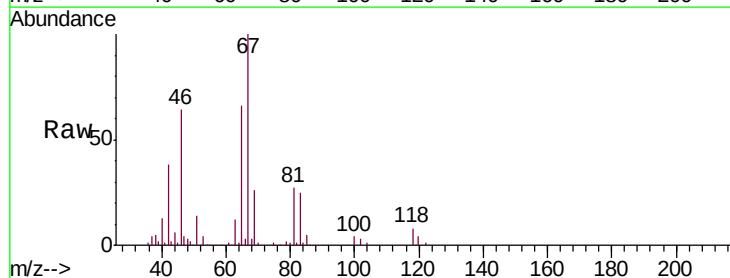
Instrument :
MSVOA_V
ClientSampled :
COM50

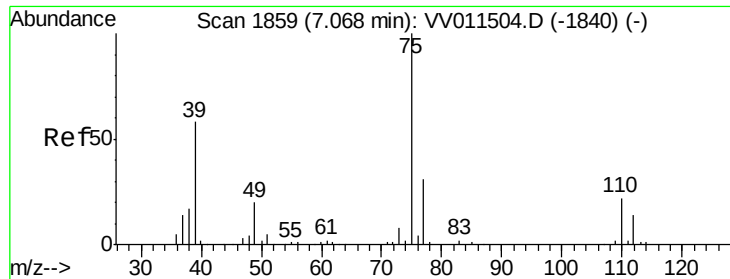
Tgt Ion: 83 Resp: 17161
Ion Ratio Lower Upper
83 100
55 0.3 67.9 101.9#
98 0.8 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011522.D
Acq: 15 Jun 2019 06:08

Tgt Ion: 63 Resp: 9072
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011522.D

Acq: 15 Jun 2019 06:08

Instrument :

MSVOA_V

ClientSampleId :

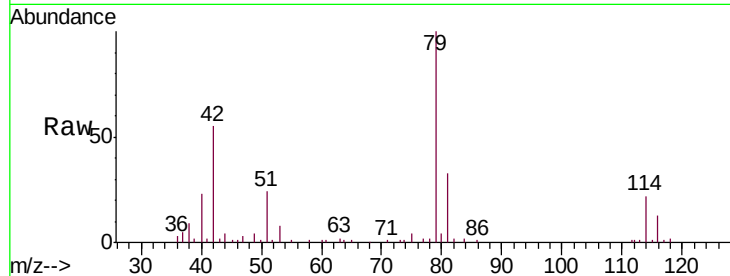
C0M50

Tgt Ion: 75 Resp: 1675

Ion Ratio Lower Upper

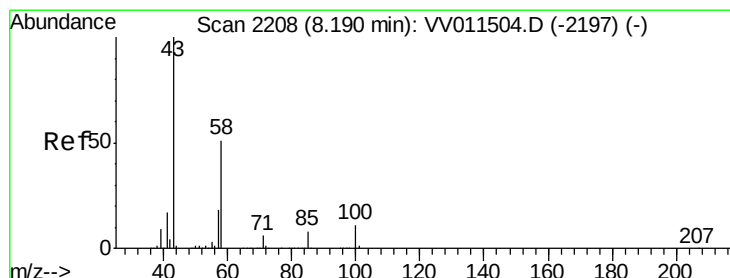
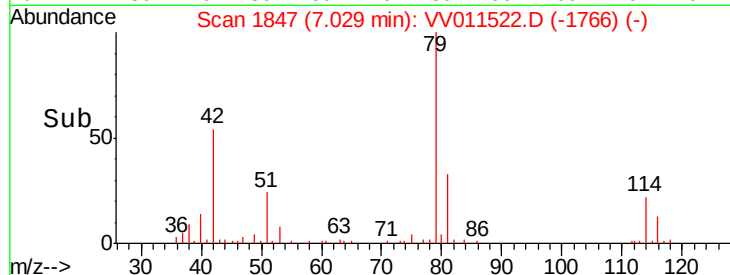
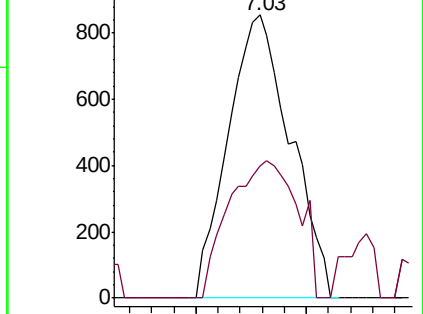
75 100

77 46.7 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.711 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011522.D

Acq: 15 Jun 2019 06:08

Tgt Ion: 43 Resp: 20534

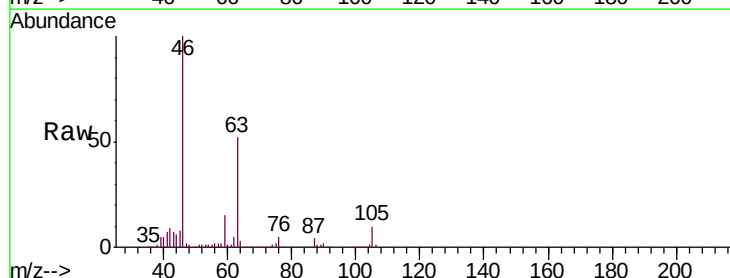
Ion Ratio Lower Upper

43 100

58 27.6 40.6 60.8#

57 25.4 14.2 21.4#

100 0.6 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

