

Data File : VV011553.D
Acq On : 17 Jun 2019 16:19
Operator : SY/MD
Sample : K3313-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLZ5

Quant Time: Jun 18 08:46:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	183779	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	64727	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	49754	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.12	63	100496	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.96	46	193569	49.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.16%
24) Chloroform-d	4.40	84	126737	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	77067	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.09	84	258510	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.11	67	80329	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	218440	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.66	79	24666	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	149562	49.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55217	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	70345	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

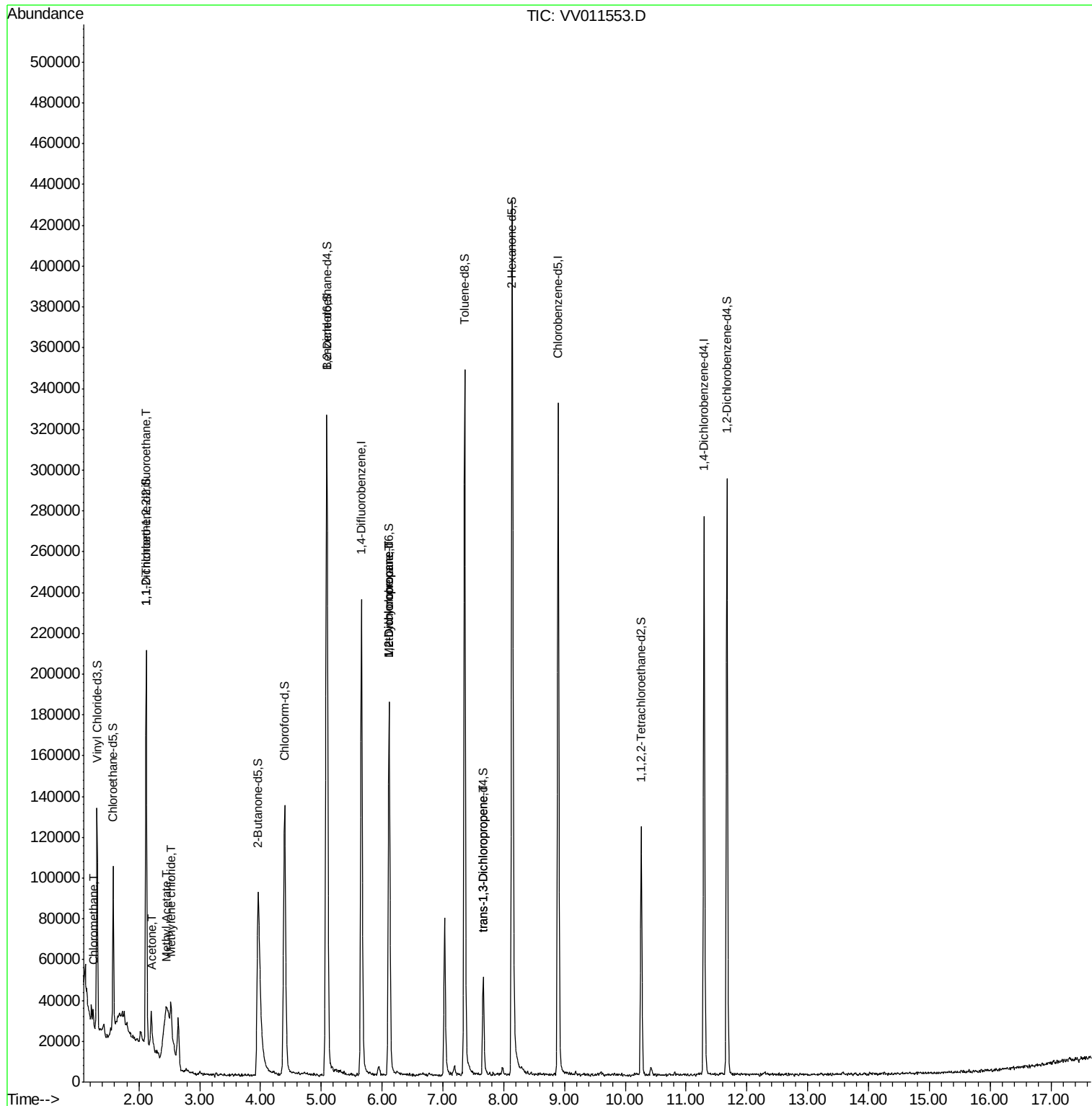
						Qvalue
3) Chloromethane	1.25	50	4127	0.232	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1031	0.093	ug/L #	24
13) Acetone	2.22	43	5908	2.245	ug/L	97
15) Methyl Acetate	2.46	43	18762	2.690	ug/L #	57
16) Methylene chloride	2.53	84	4619	0.356	ug/L	94
35) Methylcyclohexane	6.12	83	18403	0.925	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9900	0.680	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1379	0.098	ug/L	93

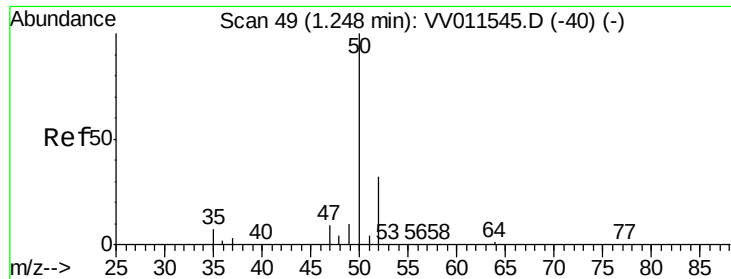
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.232 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 17 Jun 2019 16:19

Instrument :

MSVOA_V

ClientSampleId :

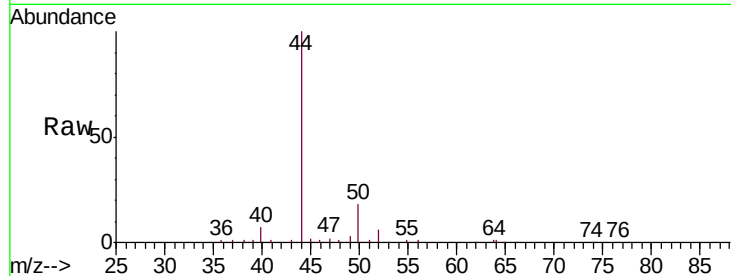
C0LZ5

Tgt Ion: 50 Resp: 4127

Ion Ratio Lower Upper

50 100

52 31.3 22.7 42.1

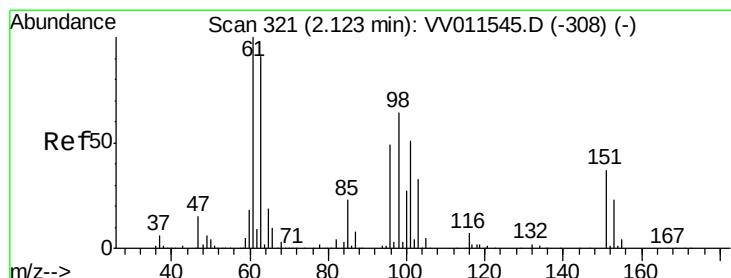
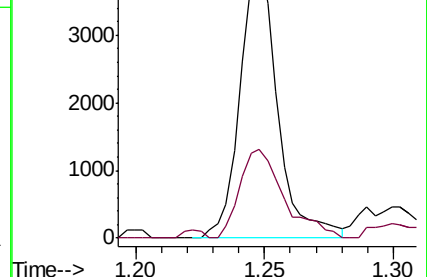
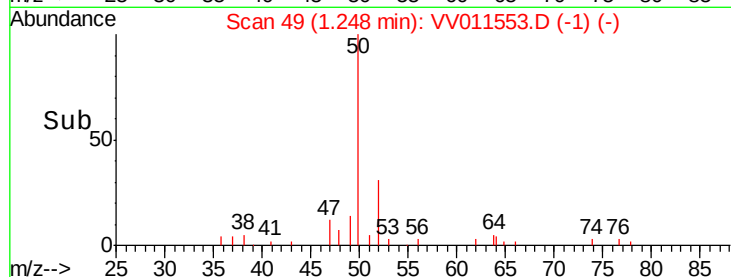


Abundance Ion 50.05 (49.75 to 50.75): VV011545.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV011545.D (-40) (-)

1.25

Time-->



#10

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

Concen: 0.093 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011553.D

Acq: 17 Jun 2019 16:19

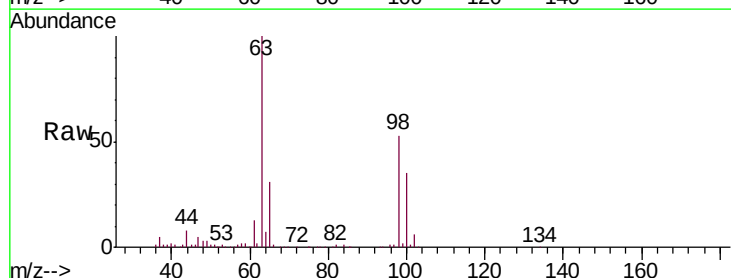
Tgt Ion: 101 Resp: 1031

Ion Ratio Lower Upper

101 100

85 8.5 37.3 55.9#

151 0.0 59.4 89.2#



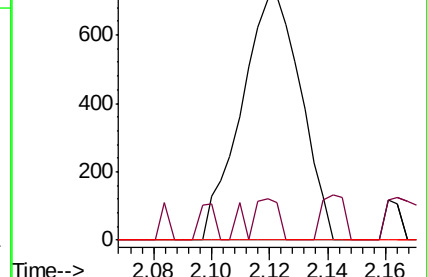
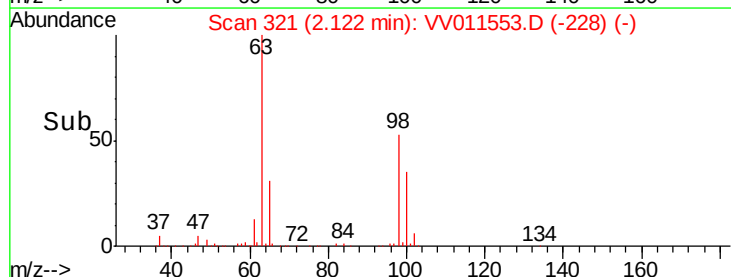
Abundance Ion 101.00 (100.70 to 101.70): VV011545.D (-308) (-)

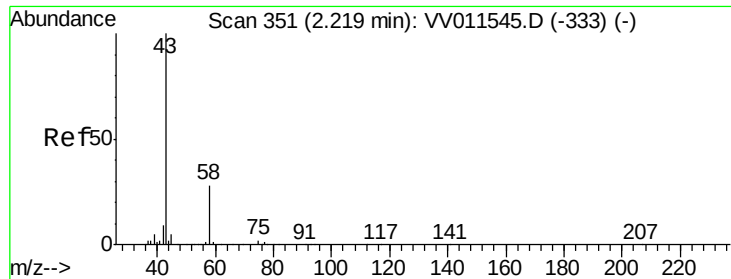
Ion 85.00 (84.70 to 85.70): VV011545.D (-308) (-)

Ion 151.00 (150.70 to 151.70): VV011545.D (-308) (-)

2.12

Time-->





#13

Acetone

Concen: 2.245 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV011553.D

Acq: 17 Jun 2019 16:19

Instrument :

MSVOA_V

ClientSampleId :

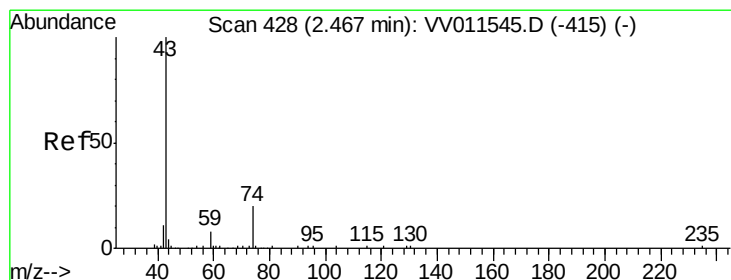
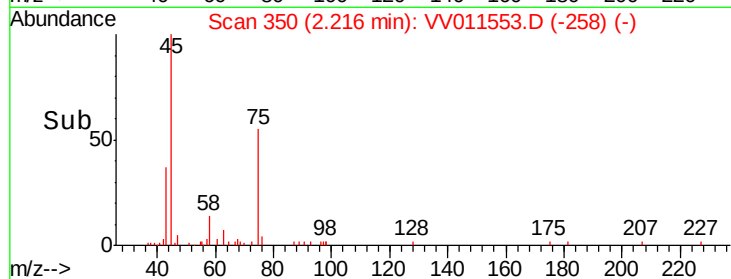
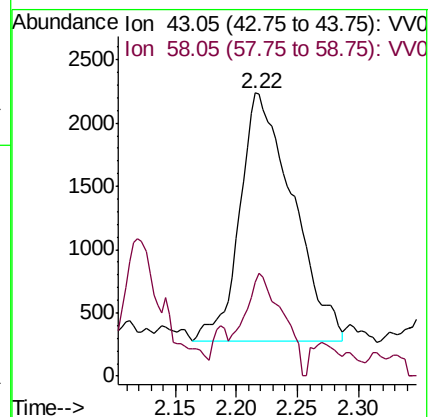
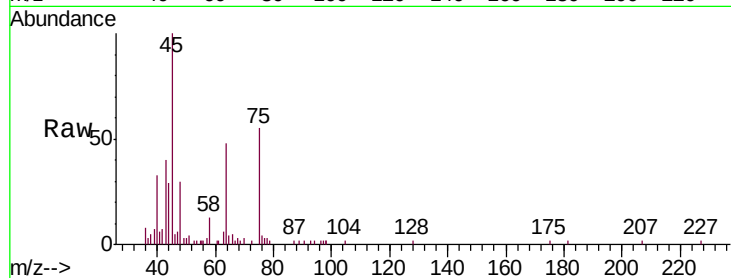
COLZ5

Tgt Ion: 43 Resp: 5908

Ion Ratio Lower Upper

43 100

58 30.5 0.0 57.8



#15

Methyl Acetate

Concen: 2.690 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: VV011553.D

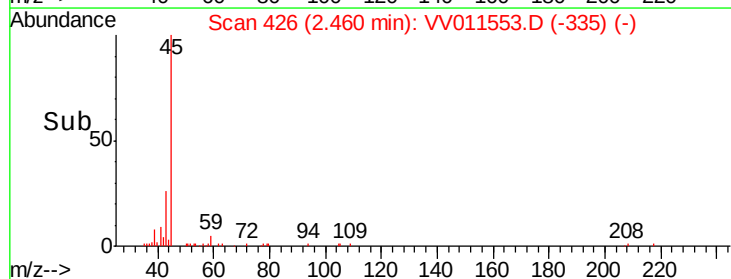
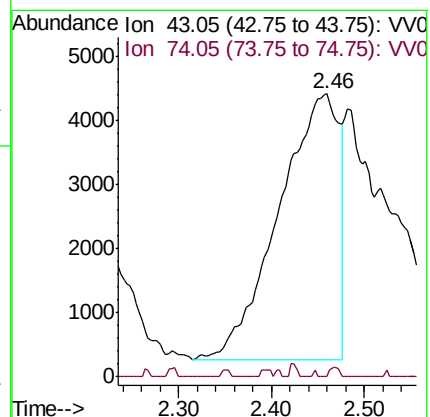
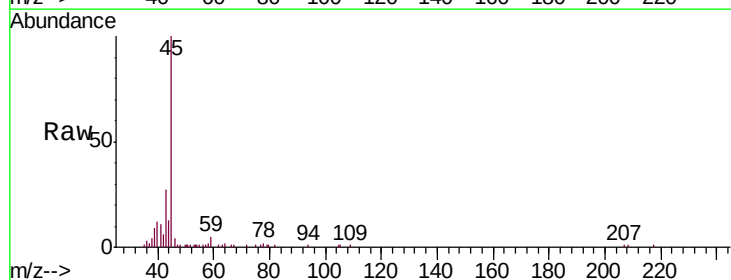
Acq: 17 Jun 2019 16:19

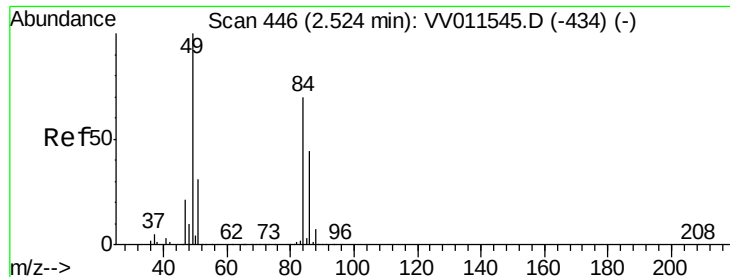
Tgt Ion: 43 Resp: 18762

Ion Ratio Lower Upper

43 100

74 0.5 16.5 24.7#

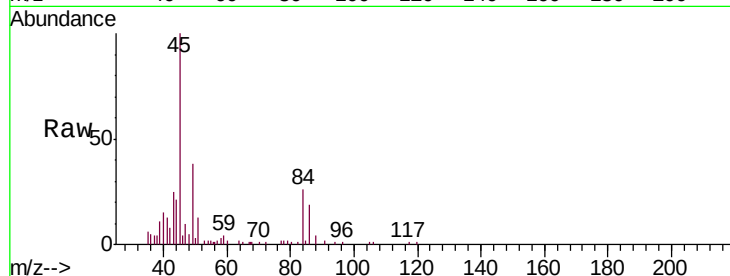




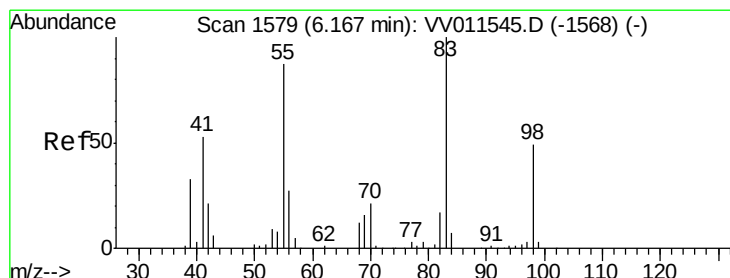
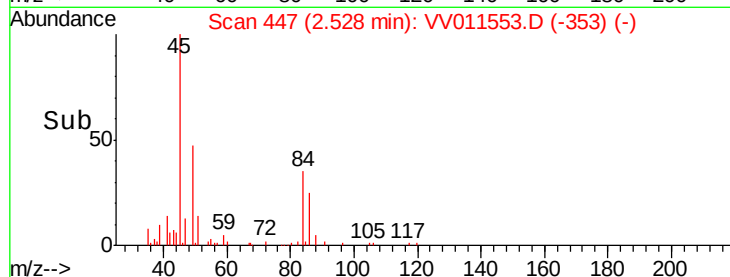
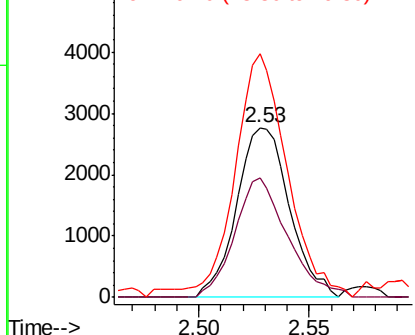
#16
Methylene chloride
Concen: 0.356 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011553.D
Acq: 17 Jun 2019 16:19

Instrument :
MSVOA_V
ClientSampled :
COLZ5

Tgt Ion: 84 Resp: 4619
Ion Ratio Lower Upper
84 100
86 70.5 42.5 78.9
49 143.6 97.7 181.5

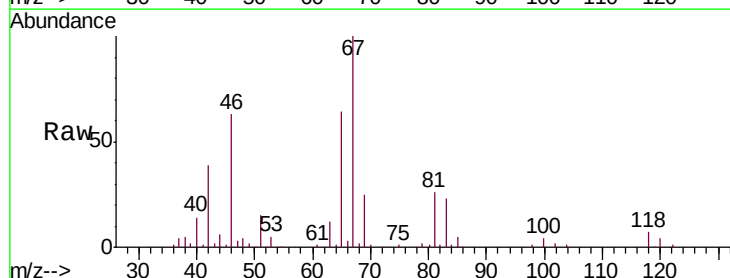


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

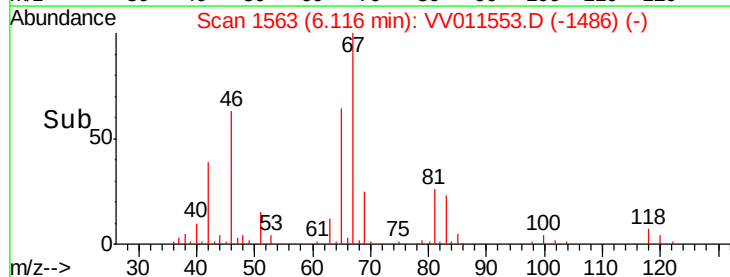
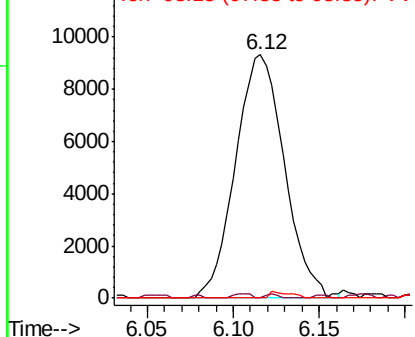


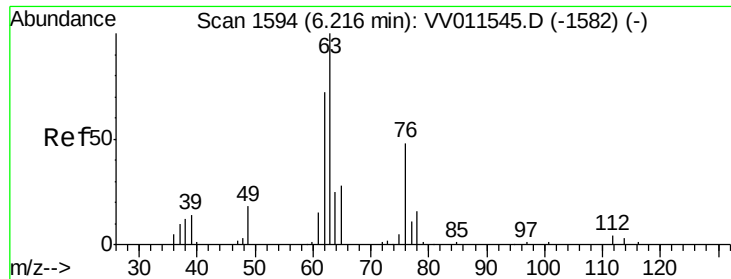
#35
Methylcyclohexane
Concen: 0.925 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011553.D
Acq: 17 Jun 2019 16:19

Tgt Ion: 83 Resp: 18403
Ion Ratio Lower Upper
83 100
55 0.4 67.9 101.9#
98 1.1 39.6 59.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

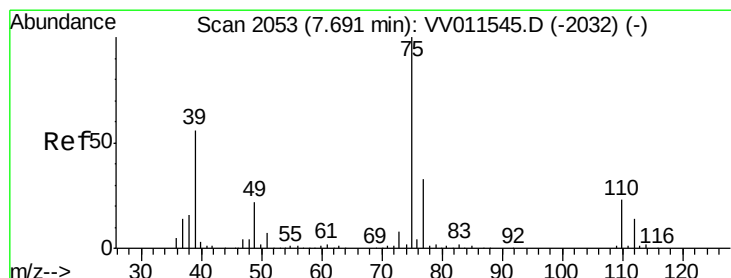
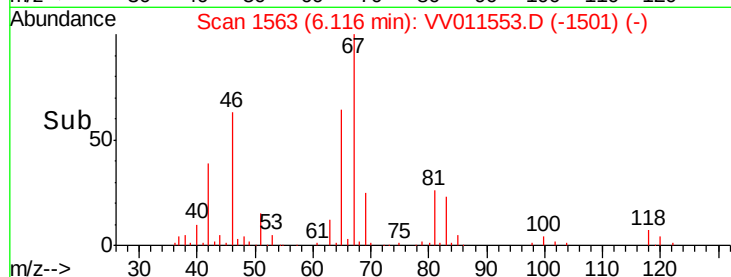
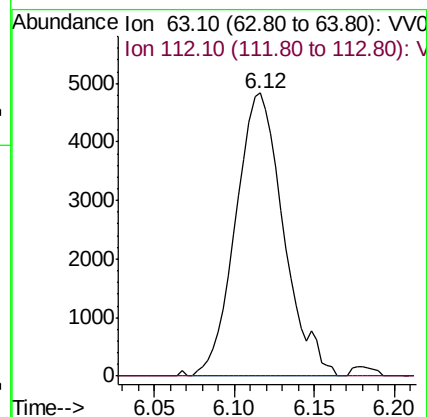
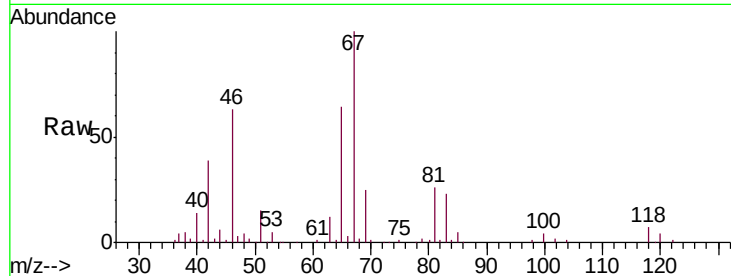




#37
 1,2-Dichloropropane
 Concen: 0.680 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011553.D
 Acq: 17 Jun 2019 16:19

Instrument :
 MSVOA_V
 ClientSampled :
 COLZ5

Tgt Ion: 63 Resp: 9900
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011553.D
 Acq: 17 Jun 2019 16:19

Tgt Ion: 75 Resp: 1379
 Ion Ratio Lower Upper
 75 100
 77 36.3 22.8 42.4

