

Data File : VV011521.D
Acq On : 15 Jun 2019 05:40
Operator : SY/MD
Sample : K3314-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM49

Quant Time: Jun 15 06:33:14 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	180812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64214	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60704	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.56	69	41842	4.84	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.12	63	91808	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	3.95	46	186820	48.63	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	4.40	84	122447	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.08	65	73771	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	244829	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.11	67	76266	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	209829	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.66	79	21867	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.13	63	140503	47.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50505	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	68039	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

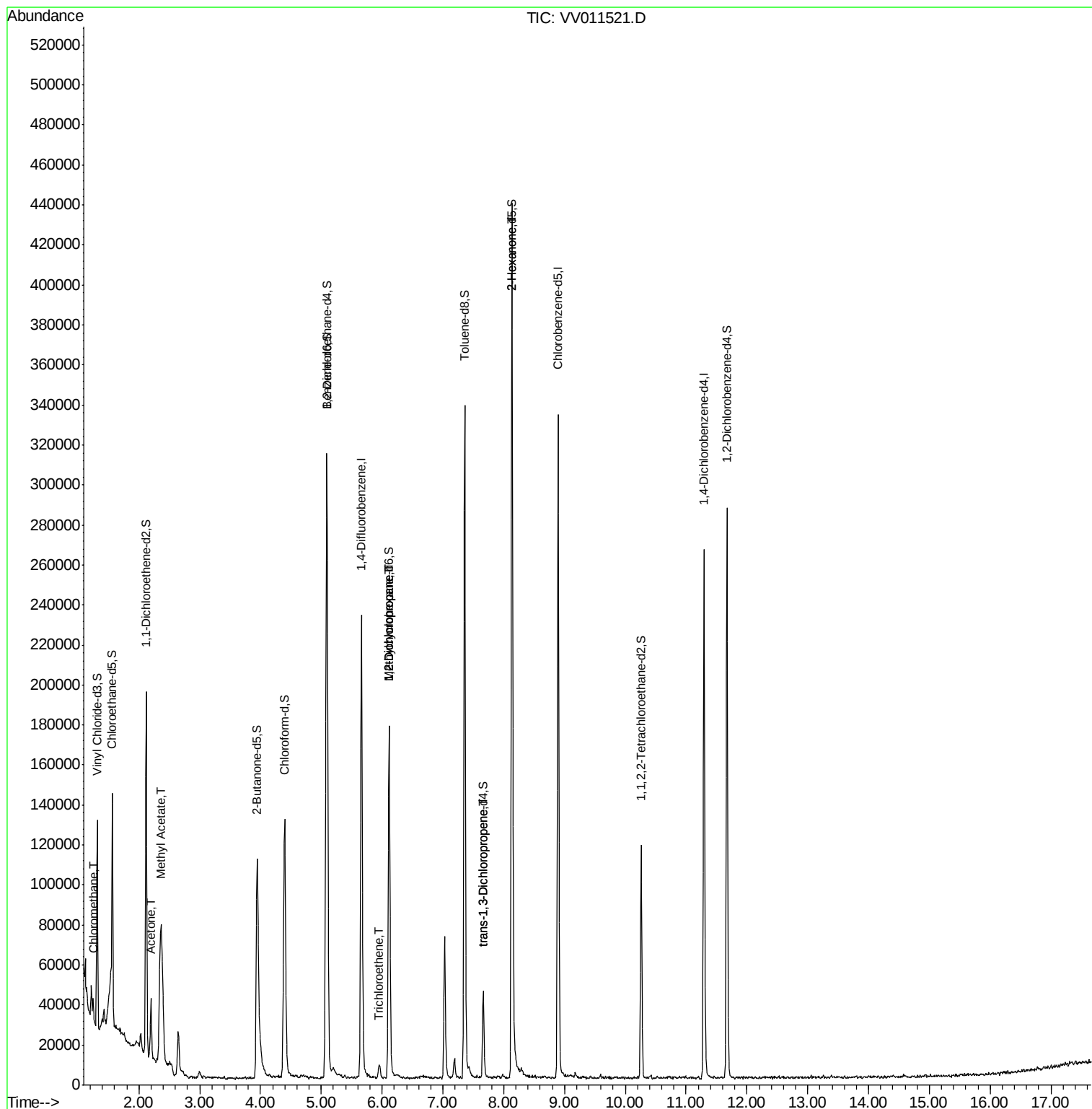
					Qvalue
3) Chloromethane	1.25	50	5984	0.342 ug/L	99
13) Acetone	2.20	43	7866	3.039 ug/L	94
15) Methyl Acetate	2.37	43	41398	6.032 ug/L #	56
34) Trichloroethene	5.96	95	1593	0.118 ug/L	88
35) Methylcyclohexane	6.12	83	19087	0.990 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9985	0.708 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1161	0.085 ug/L #	72
48) 2-Hexanone	8.13	43	21845	3.089 ug/L #	69

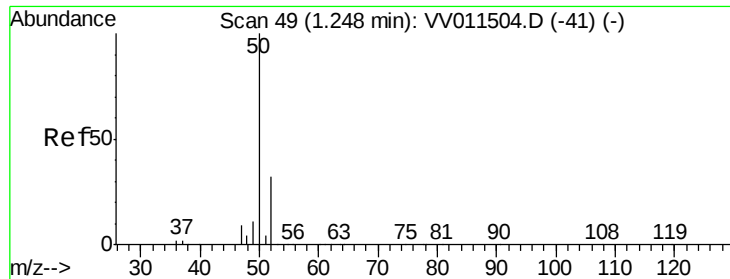
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.342 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011521.D

Acq: 15 Jun 2019 05:40

Instrument :

MSVOA_V

ClientSampleId :

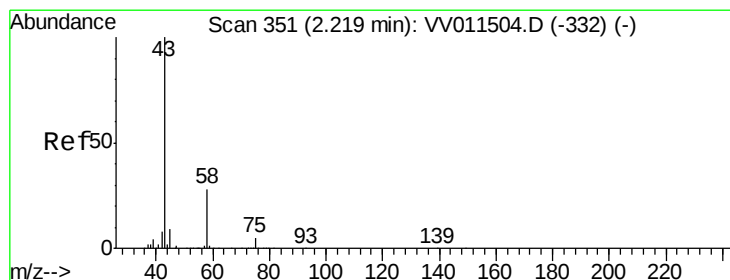
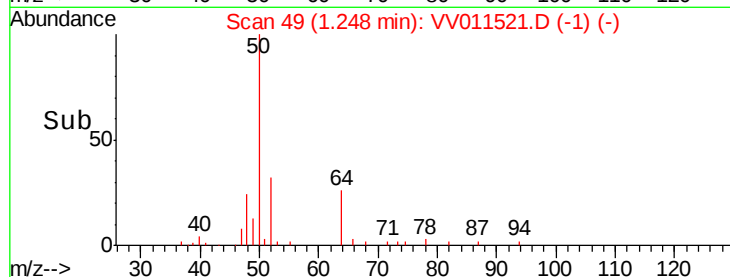
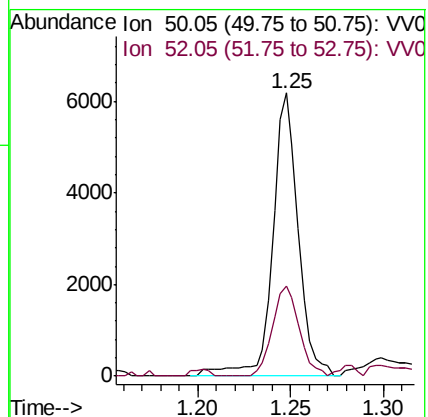
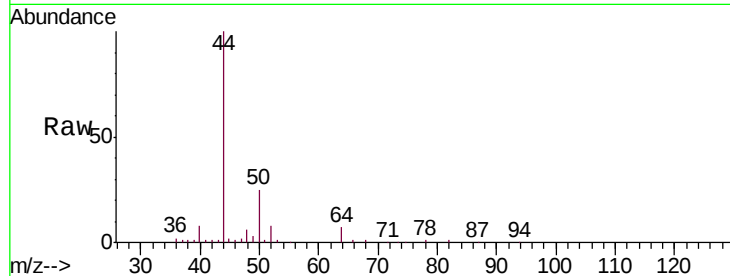
COM49

Tgt Ion: 50 Resp: 5984

Ion Ratio Lower Upper

50 100

52 32.0 22.7 42.1



#13

Acetone

Concen: 3.039 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV011521.D

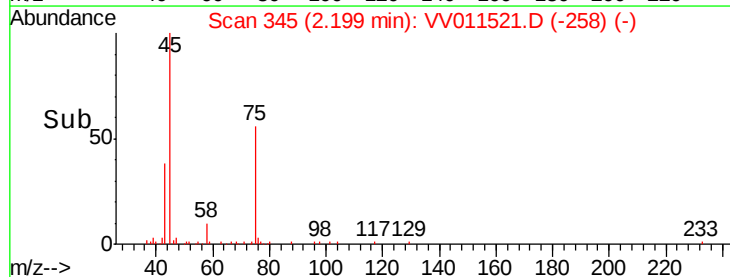
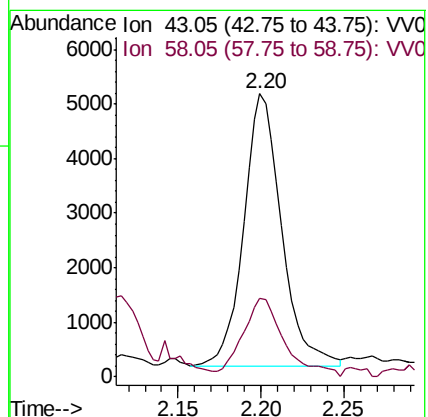
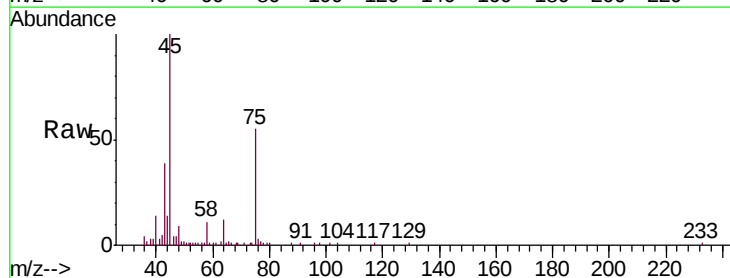
Acq: 15 Jun 2019 05:40

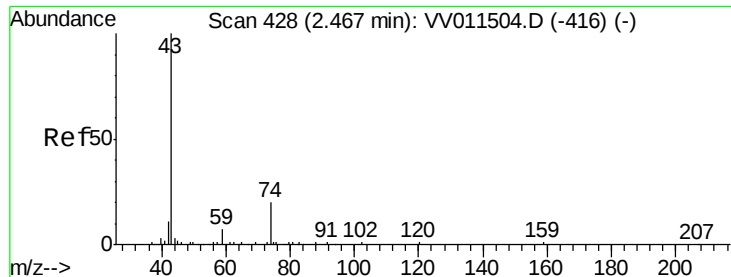
Tgt Ion: 43 Resp: 7866

Ion Ratio Lower Upper

43 100

58 32.2 0.0 57.8

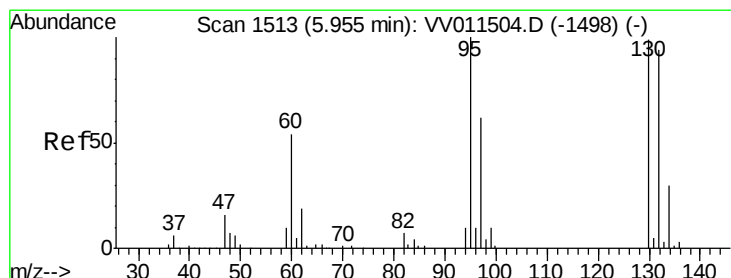
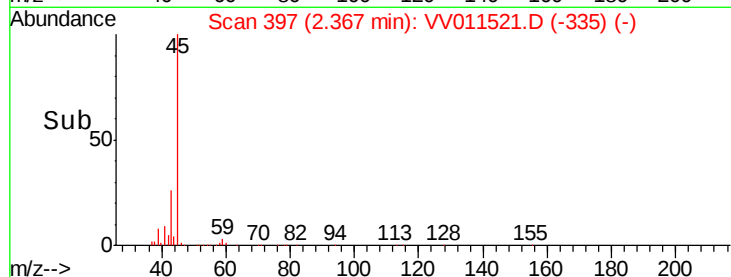
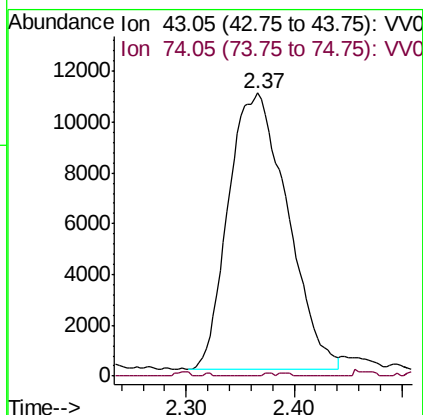
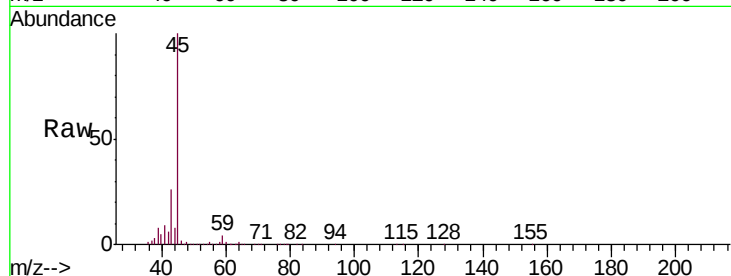




#15
Methyl Acetate
Concen: 6.032 ug/L
RT: 2.37 min Scan# 397
Delta R.T. -0.10 min
Lab File: VV011521.D
Acq: 15 Jun 2019 05:40

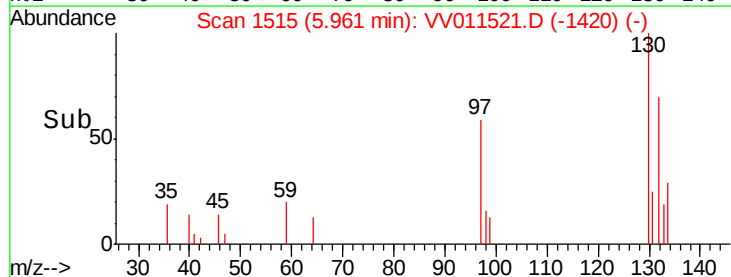
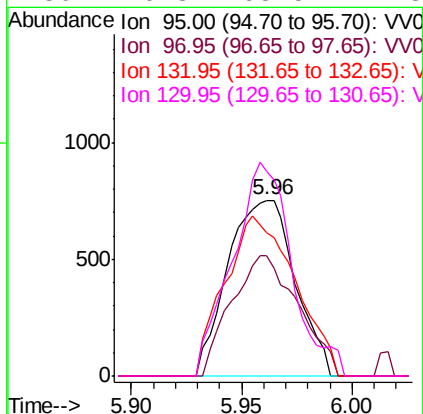
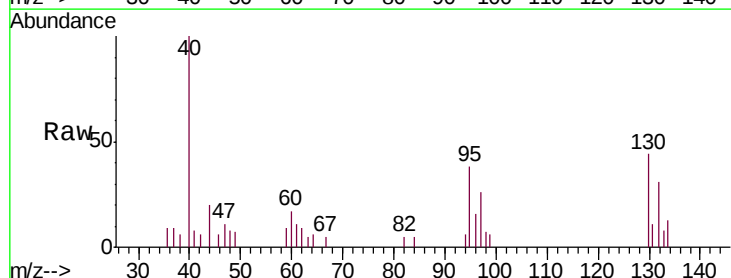
Instrument :
MSVOA_V
ClientSampleId :
COM49

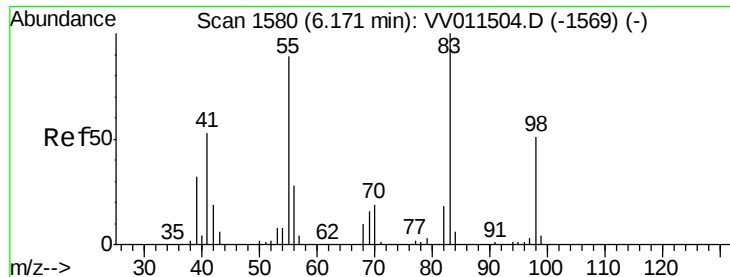
Tgt Ion: 43 Resp: 41398
Ion Ratio Lower Upper
43 100
74 0.2 16.5 24.7#



#34
Trichloroethene
Concen: 0.118 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV011521.D
Acq: 15 Jun 2019 05:40

Tgt Ion: 95 Resp: 1593
Ion Ratio Lower Upper
95 100
97 68.5 44.4 82.4
132 81.7 63.5 117.9
130 116.3 68.5 127.3

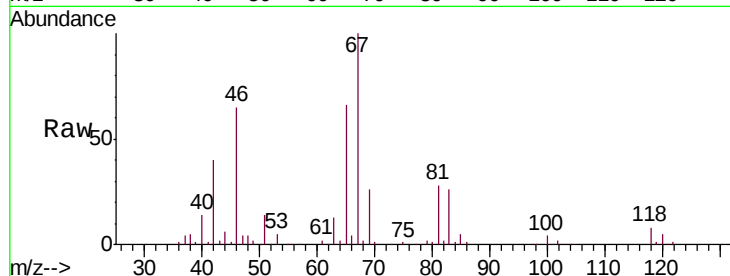




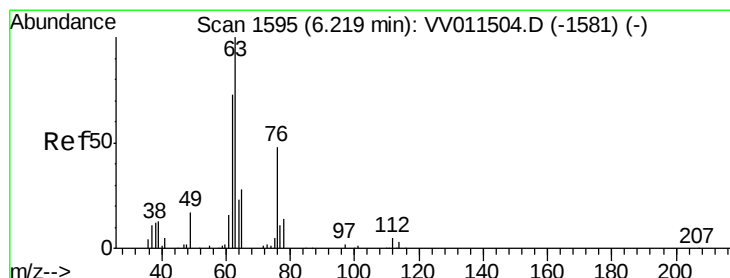
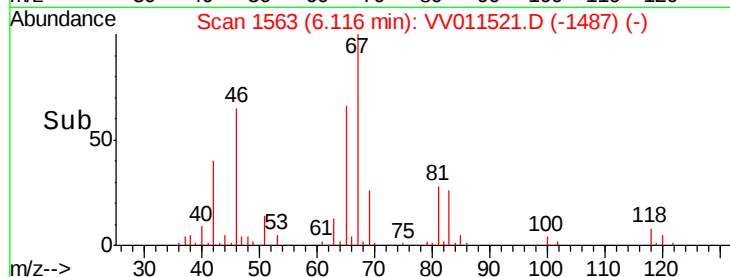
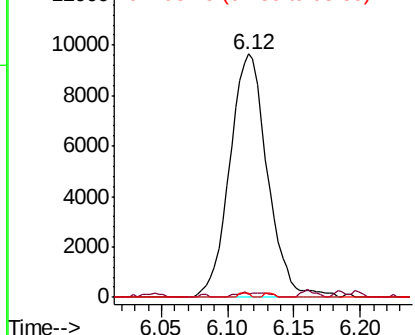
#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011521.D
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Instrument :
MSVOA_V
ClientSampleId :
COM49

Tgt Ion: 83 Resp: 19087
Ion Ratio Lower Upper
83 100
55 1.0 67.9 101.9#
98 0.5 39.6 59.4#

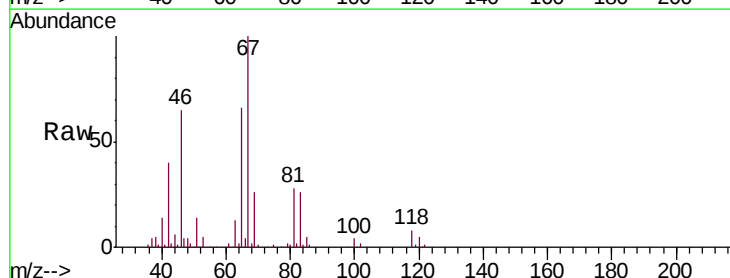


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

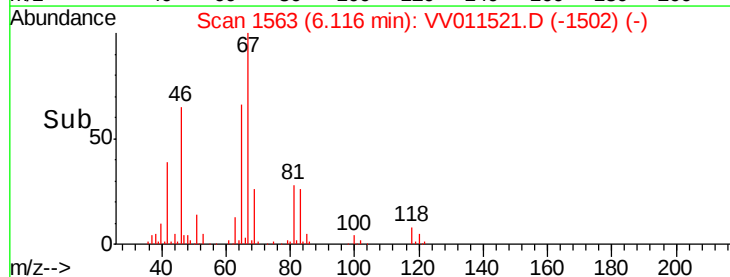
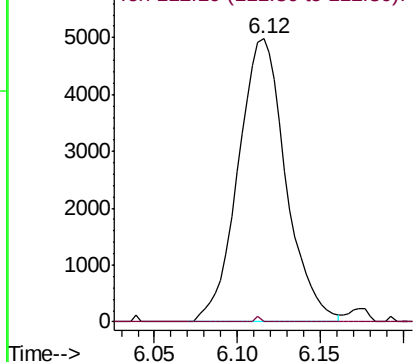


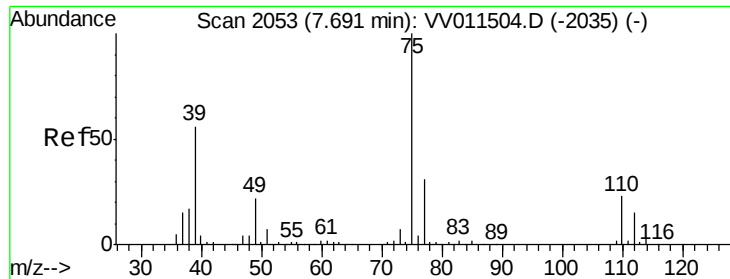
#37
1,2-Dichloropropane
Concen: 0.708 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011521.D
Acq: 15 Jun 2019 05:40

Tgt Ion: 63 Resp: 9985
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011521.D

Acq: 15 Jun 2019 05:40

Instrument :

MSVOA_V

ClientSampleId :

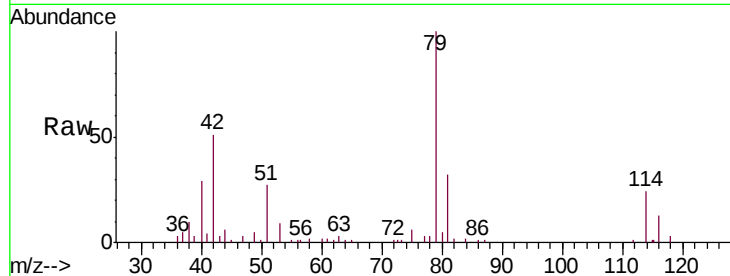
COM49

Tgt Ion: 75 Resp: 1161

Ion Ratio Lower Upper

75 100

77 48.5 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

800

600

400

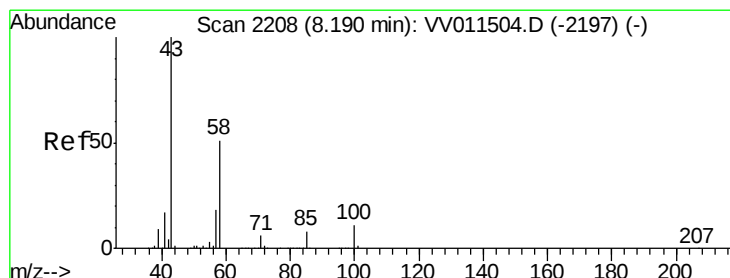
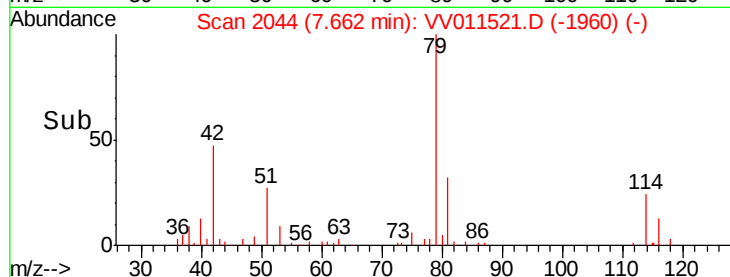
200

0

Time--> 7.60

7.65

7.70



#48

2-Hexanone

Concen: 3.089 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011521.D

Acq: 15 Jun 2019 05:40

Tgt Ion: 43 Resp: 21845

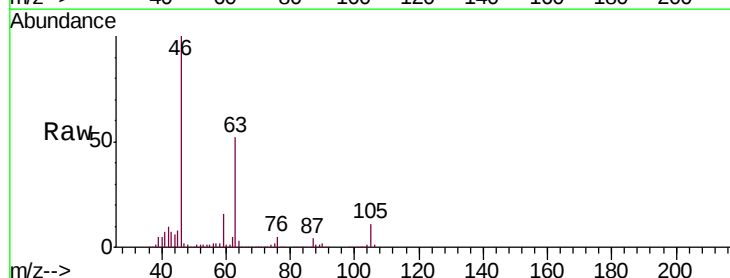
Ion Ratio Lower Upper

43 100

58 25.6 40.6 60.8#

57 25.8 14.2 21.4#

100 1.5 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

8.13

15000

10000

5000

0

Time--> 8.00

8.10

8.20

8.30

