

Data File : VV011519.D
Acq On : 15 Jun 2019 04:44
Operator : SY/MD
Sample : K3314-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM47

Quant Time: Jun 15 05:31:45 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	184030	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61874	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	48965	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.12	63	95935	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.96	46	189396	48.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.88%
24) Chloroform-d	4.40	84	123815	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	73476	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.09	84	250791	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	78547	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	215241	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.66	79	22741	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	147618	48.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55303	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	69982	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

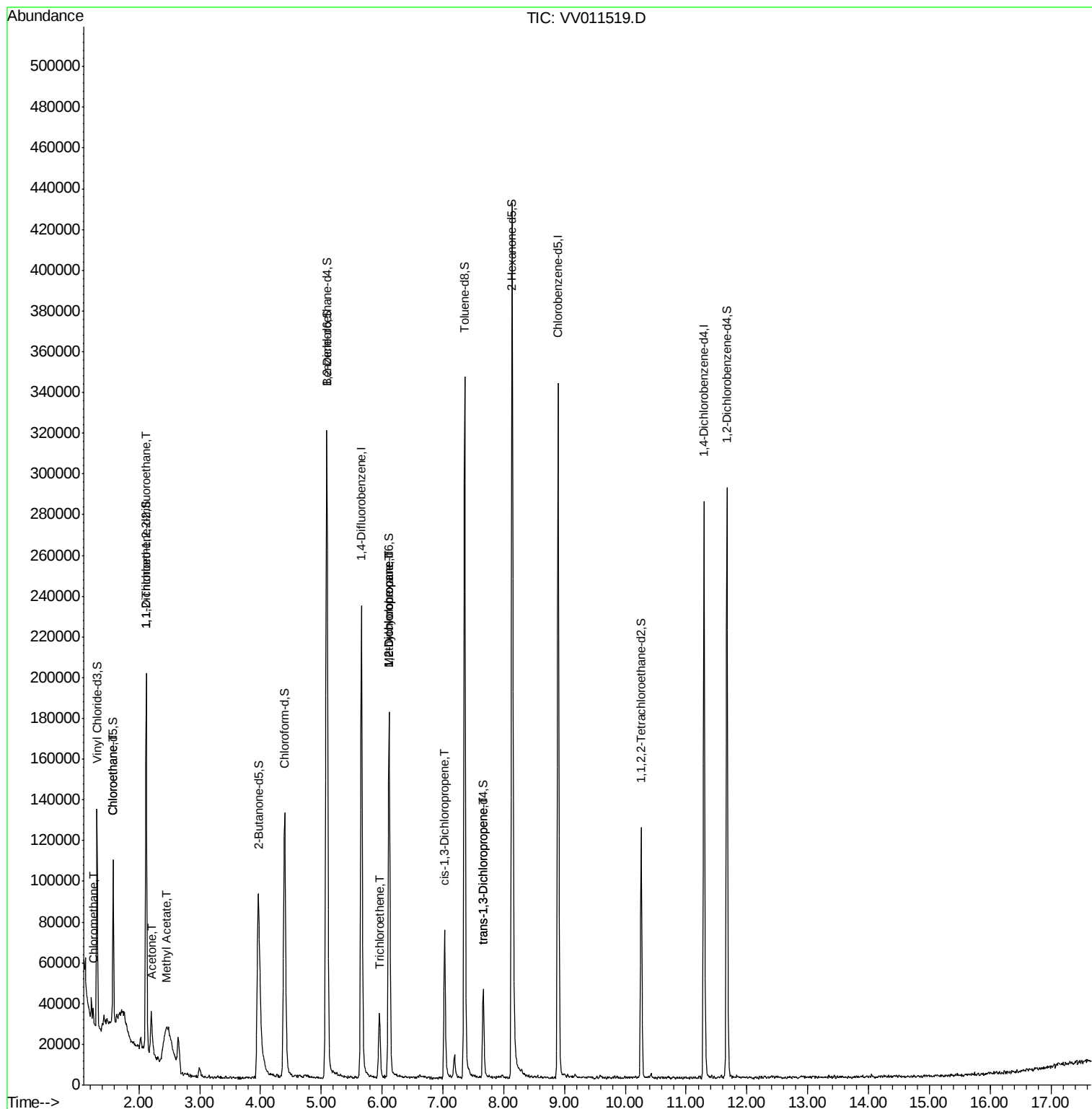
					Qvalue
3) Chloromethane	1.25	50	4027	0.226 ug/L	99
8) Chloroethane	1.57	64	1017	0.120 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	956	0.087 ug/L #	22
13) Acetone	2.22	43	8493	3.223 ug/L	93
15) Methyl Acetate	2.44	43	8778	1.257 ug/L #	57
34) Trichloroethene	5.96	95	10177	0.724 ug/L	95
35) Methylcyclohexane	6.11	83	19234	0.959 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9774	0.666 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1964	0.106 ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	1218	0.086 ug/L	98

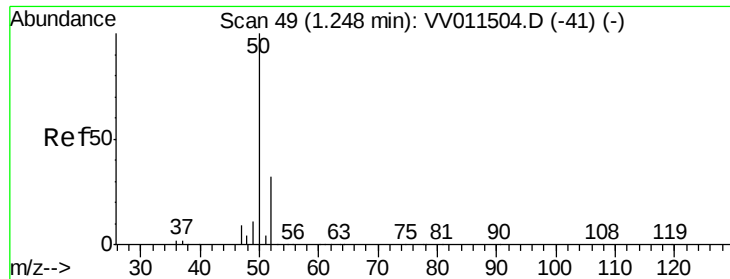
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.226 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011519.D

Acq: 15 Jun 2019 04:44

Instrument :

MSVOA_V

ClientSampleId :

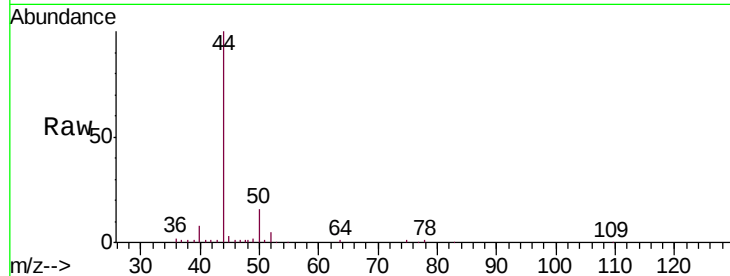
COM47

Tgt Ion: 50 Resp: 4027

Ion Ratio Lower Upper

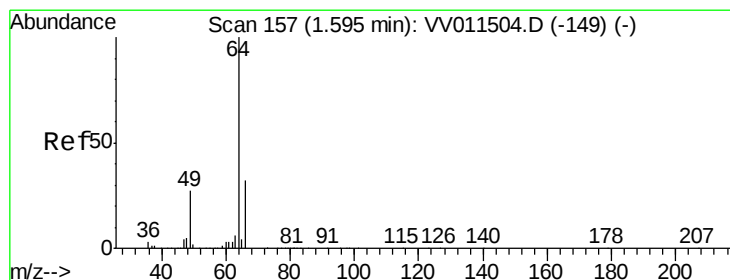
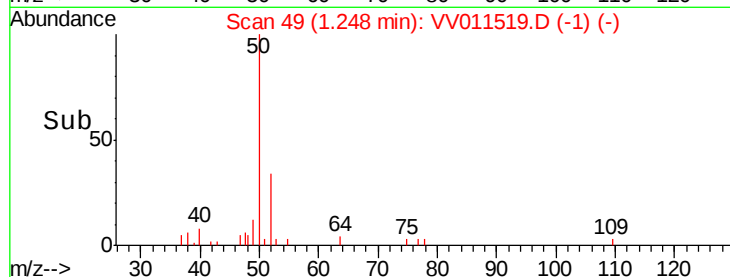
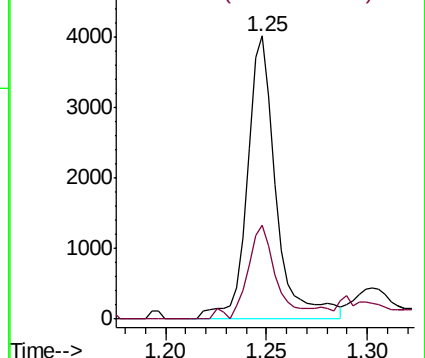
50 100

52 33.2 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: 0.120 ug/L

RT: 1.57 min Scan# 149

Delta R.T. -0.03 min

Lab File: VV011519.D

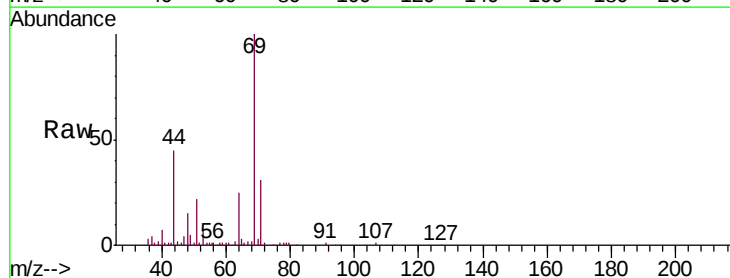
Acq: 15 Jun 2019 04:44

Tgt Ion: 64 Resp: 1017

Ion Ratio Lower Upper

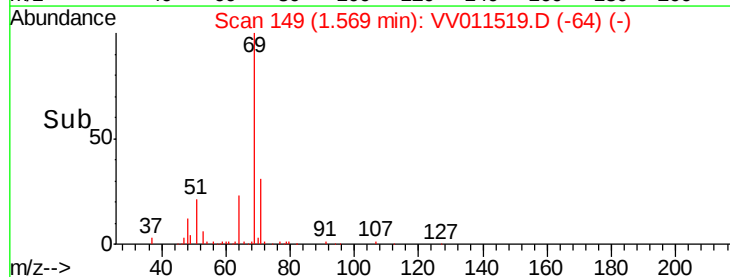
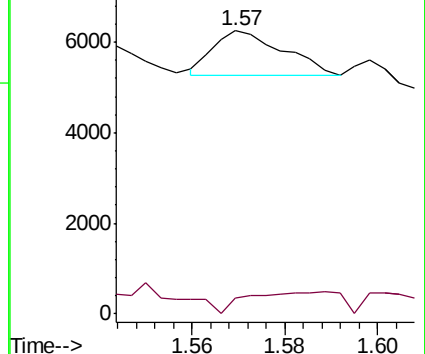
64 100

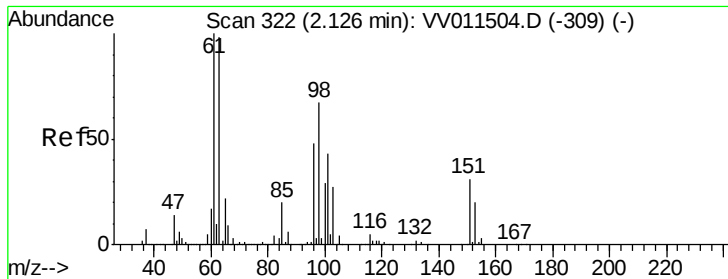
66 5.0 21.6 40.2#



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: 0.087 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011519.D

Acq: 15 Jun 2019 04:44

Instrument :

MSVOA_V

ClientSampleId :

COM47

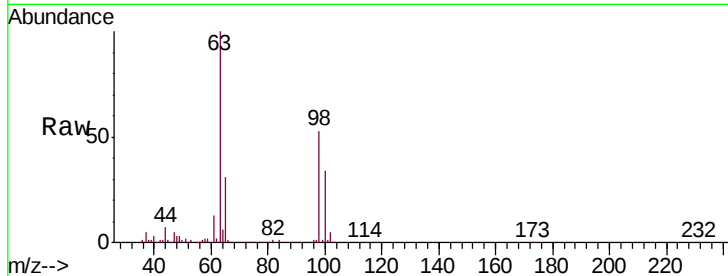
Tgt Ion: 101 Resp: 956

Ion Ratio Lower Upper

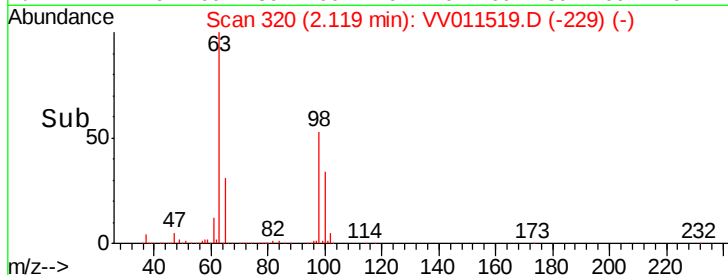
101 100

85 4.5 37.3 55.9#

151 0.0 59.4 89.2#



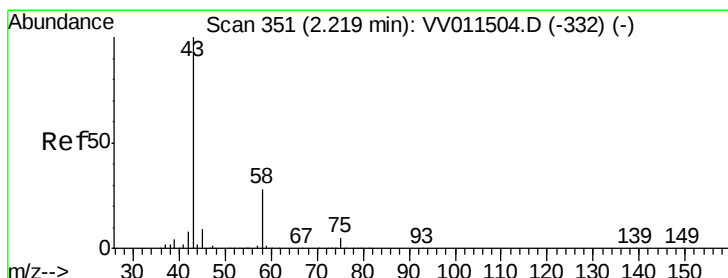
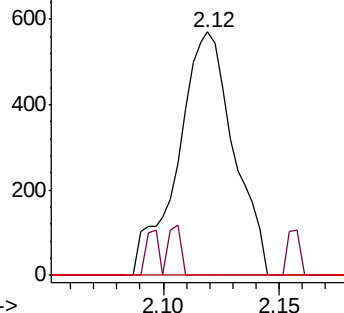
Abundance Ion 101.00 (100.70 to 101.70): VV011519.D (-229) (-)



Ion 85.00 (84.70 to 85.70): VV011519.D (-229) (-)

Ion 151.00 (150.70 to 151.70): VV011519.D (-229) (-)

Time-->



#13

Acetone

Concen: 3.223 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV011519.D

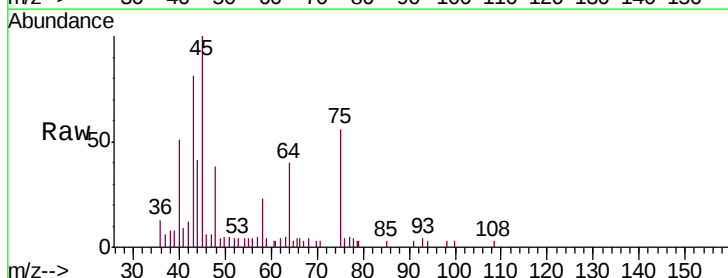
Acq: 15 Jun 2019 04:44

Tgt Ion: 43 Resp: 8493

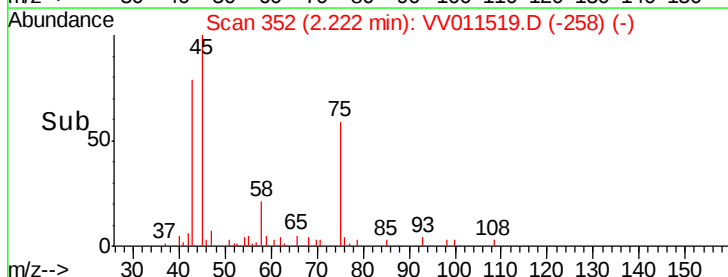
Ion Ratio Lower Upper

43 100

58 32.9 0.0 57.8

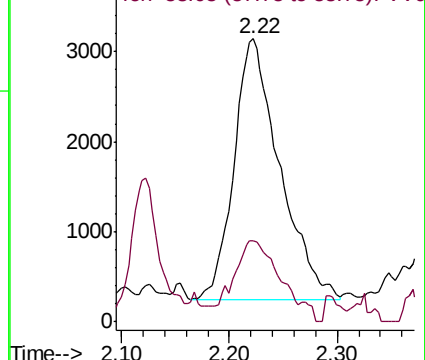


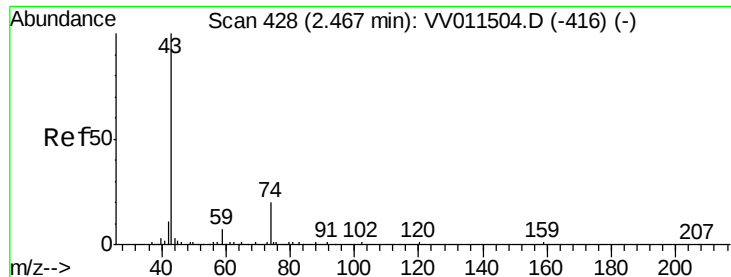
Abundance Ion 43.05 (42.75 to 43.75): VV011519.D (-258) (-)



Ion 58.05 (57.75 to 58.75): VV011519.D (-258) (-)

Time-->

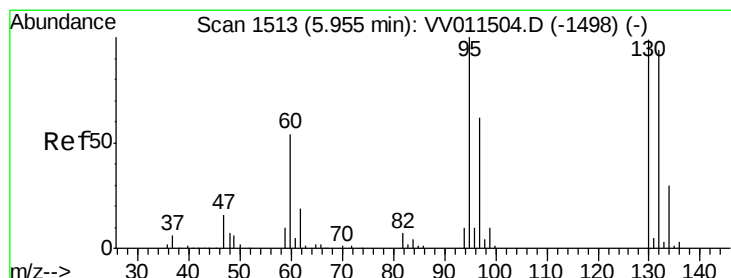
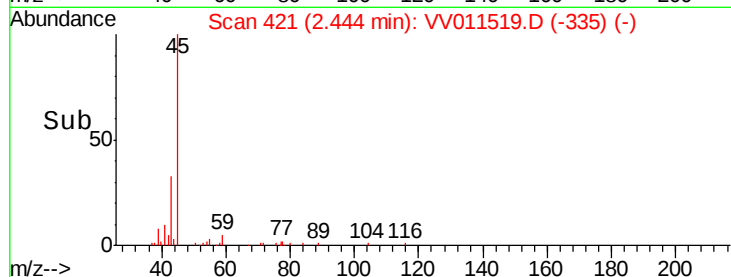
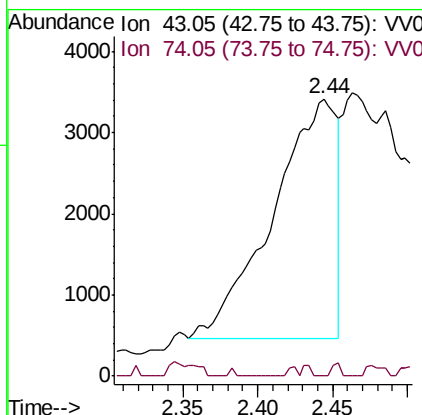
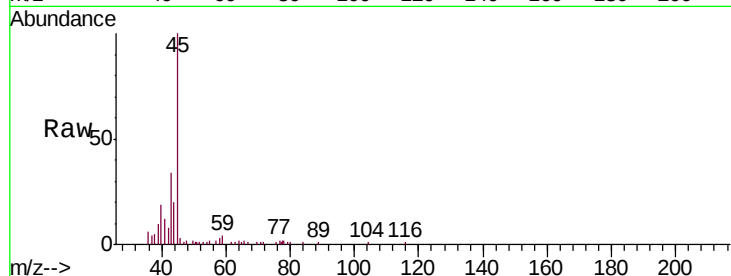




#15
Methyl Acetate
Concen: 1.257 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.02 min
Lab File: VV011519.D
Acq: 15 Jun 2019 04:44

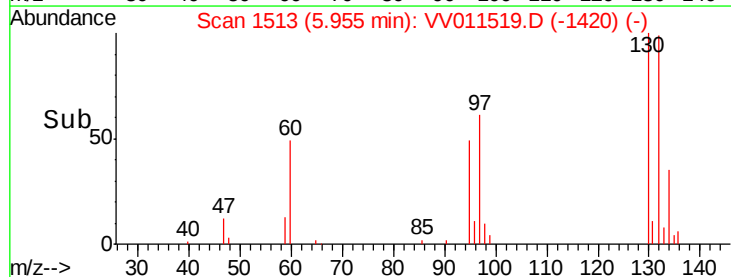
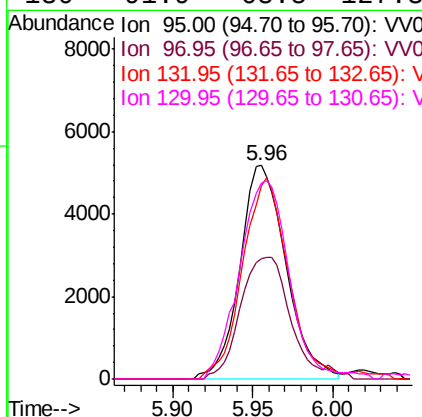
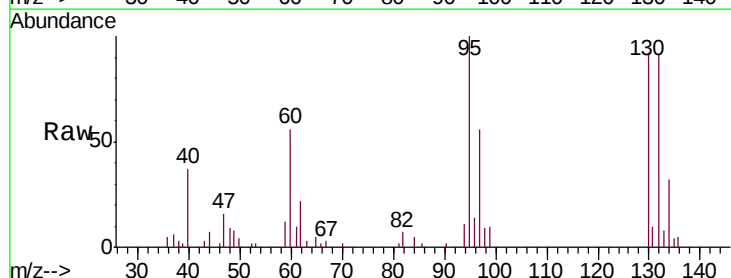
Instrument :
MSVOA_V
ClientSampleId :
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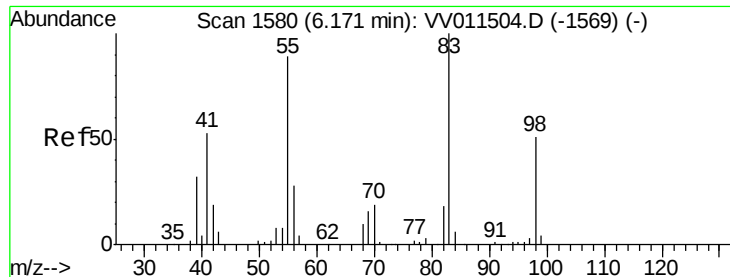
Tgt Ion: 43 Resp: 8778
Ion Ratio Lower Upper
43 100
74 0.7 16.5 24.7#



#34
Trichloroethene
Concen: 0.724 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011519.D
Acq: 15 Jun 2019 04:44

Tgt Ion: 95 Resp: 10177
Ion Ratio Lower Upper
95 100
97 56.4 44.4 82.4
132 90.7 63.5 117.9
130 91.9 68.5 127.3

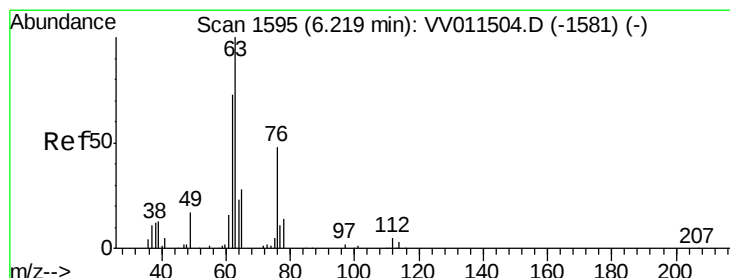
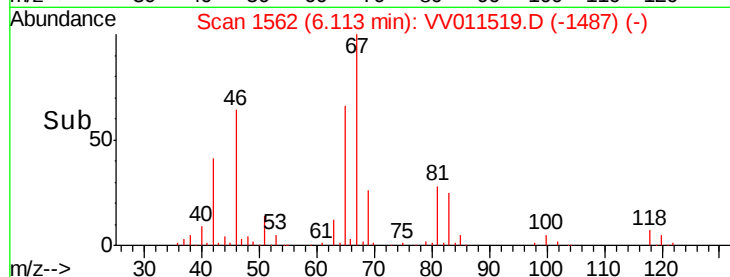
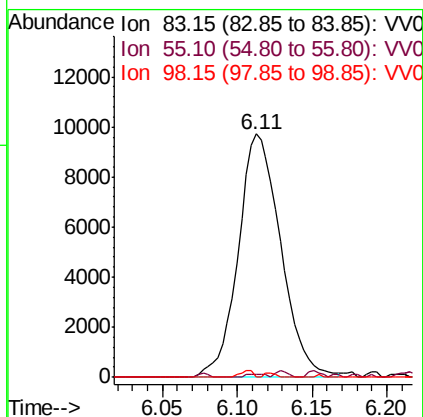
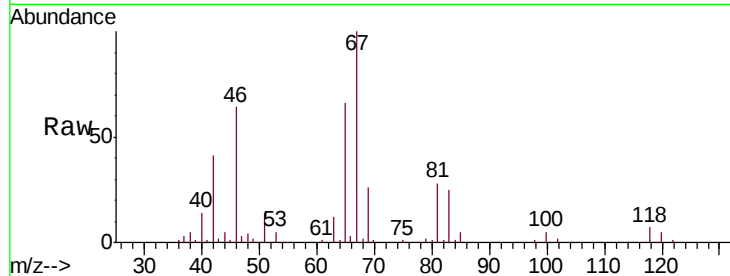




#35
Methylcyclohexane
Concen: 0.959 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011519.D
Acq: 15 Jun 2019 04:44

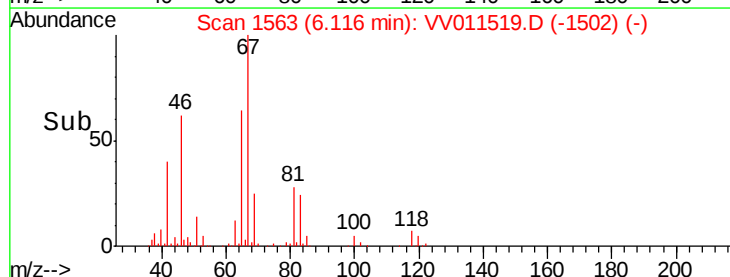
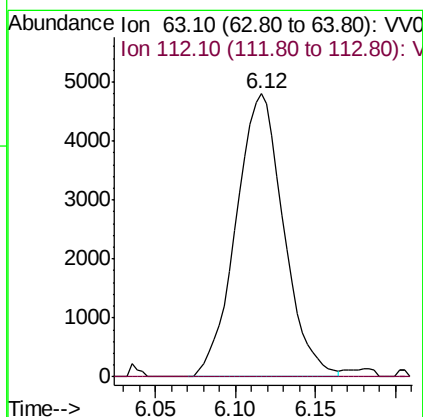
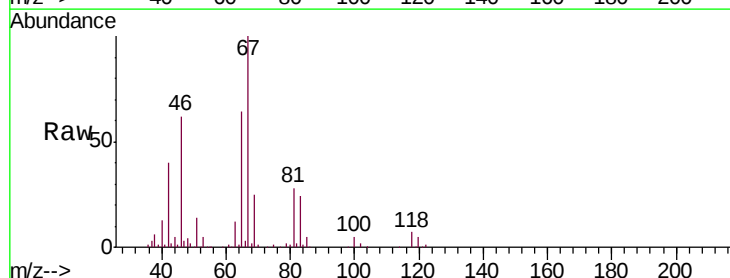
Instrument :
MSVOA_V
ClientSampled :
COM47

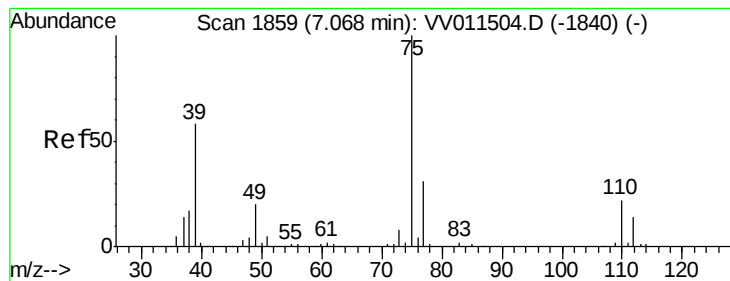
Tgt Ion: 83 Resp: 19234
Ion Ratio Lower Upper
83 100
55 0.5 67.9 101.9#
98 0.8 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011519.D
Acq: 15 Jun 2019 04:44

Tgt Ion: 63 Resp: 9774
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011519.D

Acq: 15 Jun 2019 04:44

Instrument :

MSVOA_V

ClientSampleId :

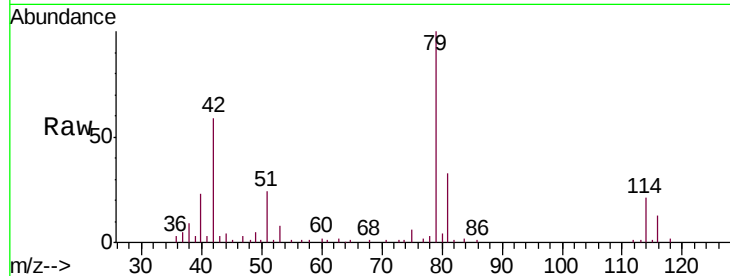
COM47

Tgt Ion: 75 Resp: 1964

Ion Ratio Lower Upper

75 100

77 45.1 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

1200

1000

800

600

400

200

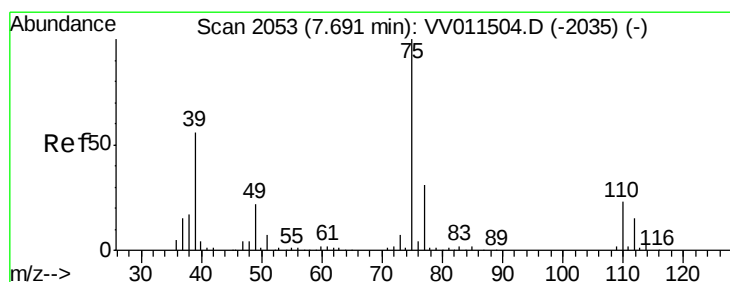
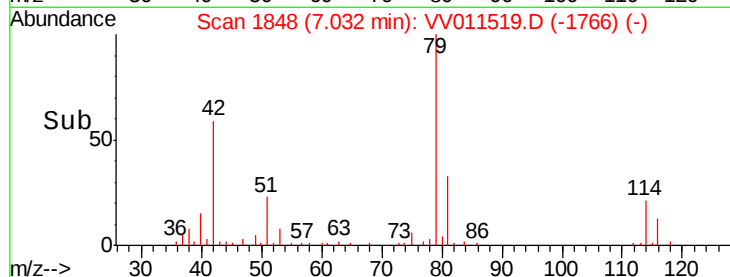
0

7.00

7.03

7.05

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011519.D

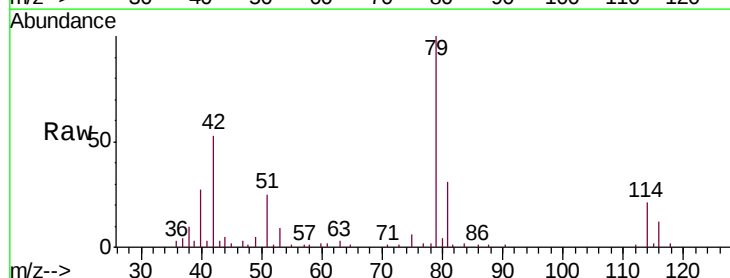
Acq: 15 Jun 2019 04:44

Tgt Ion: 75 Resp: 1218

Ion Ratio Lower Upper

75 100

77 33.8 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

800

600

400

200

0

7.65

7.66

7.70

Time-->

