

Data File : VV011509.D
Acq On : 15 Jun 2019 00:01
Operator : SY/MD
Sample : K3379-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JY1

Quant Time: Jun 15 01:33:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 01:30:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	191600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70023	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65863	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	46605	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.12	63	101983	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	197238	48.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.90%
24) Chloroform-d	4.40	84	128518	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	76616	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.09	84	258548	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	79847	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	224737	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.66	79	23777	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	155332	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55599	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	71438	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

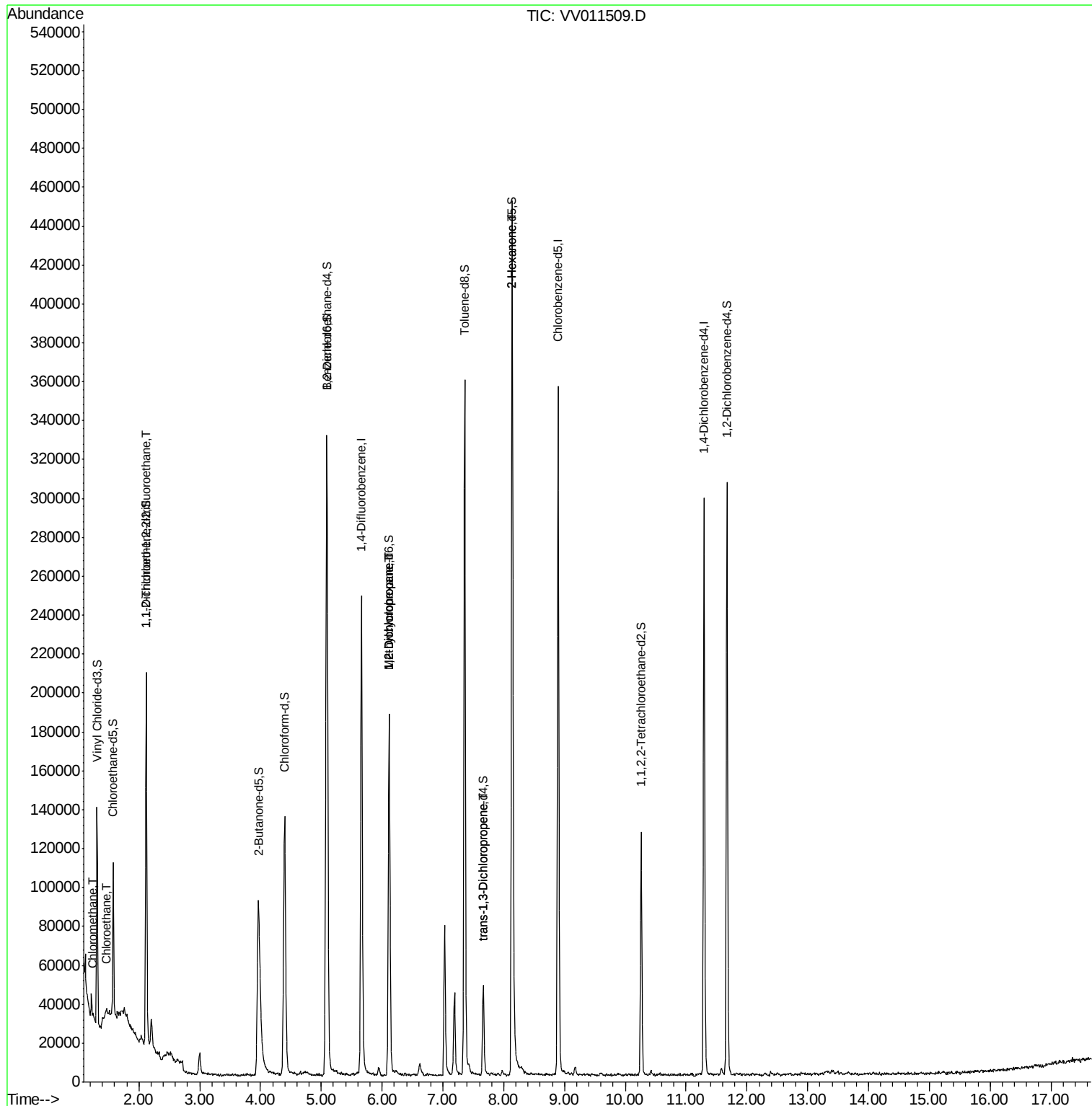
					Qvalue
3) Chloromethane	1.25	50	1859	0.100 ug/L	95
8) Chloroethane	1.46	64	20731	2.341 ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	972	0.084 ug/L #	20
35) Methylcyclohexane	6.12	83	19327	0.921 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10221	0.665 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1559	0.105 ug/L #	54
48) 2-Hexanone	8.14	43	21395	2.780 ug/L #	72

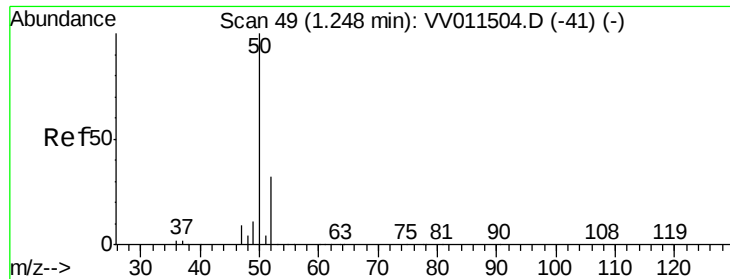
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.100 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 15 Jun 2019 00:01

Instrument :

MSVOA_V

ClientSampleId :

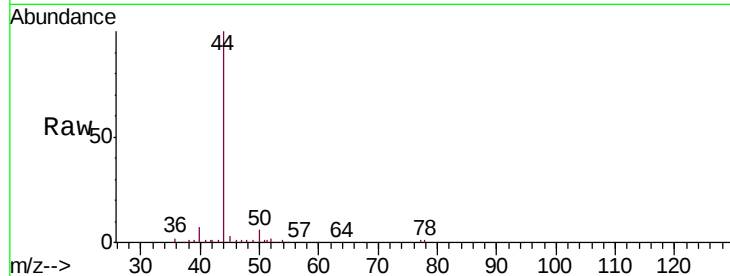
C0JY1

Tgt Ion: 50 Resp: 1859

Ion Ratio Lower Upper

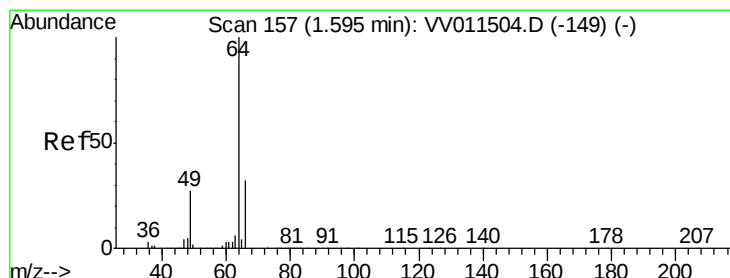
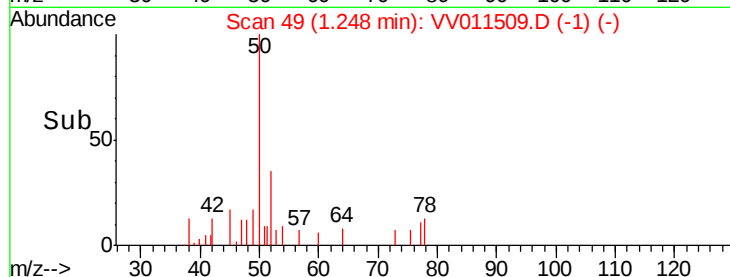
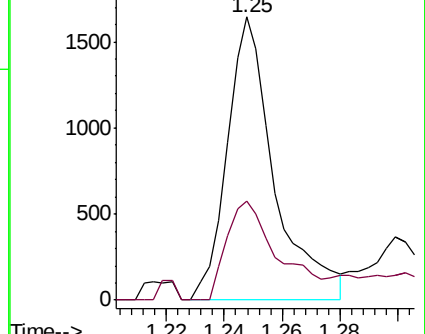
50 100

52 35.1 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: 2.341 ug/L

RT: 1.46 min Scan# 115

Delta R.T. -0.14 min

Lab File: VV011509.D

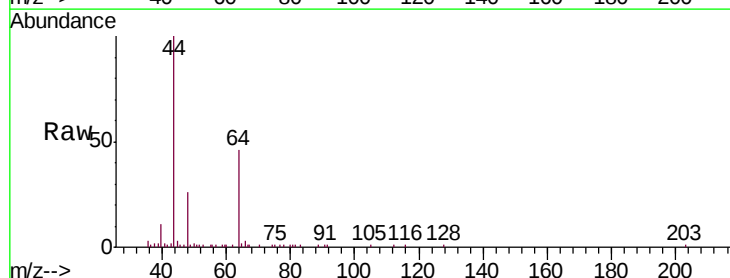
Acq: 15 Jun 2019 00:01

Tgt Ion: 64 Resp: 20731

Ion Ratio Lower Upper

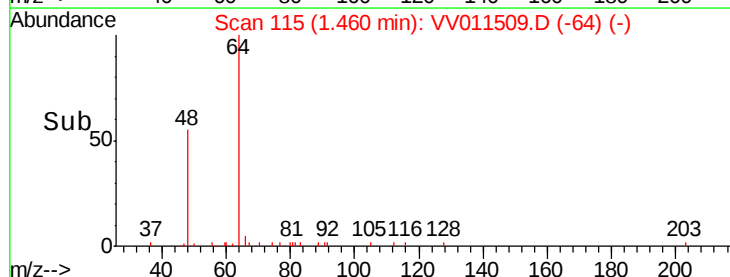
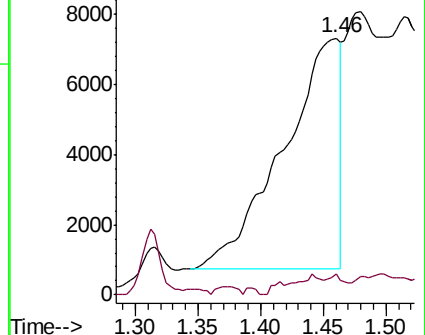
64 100

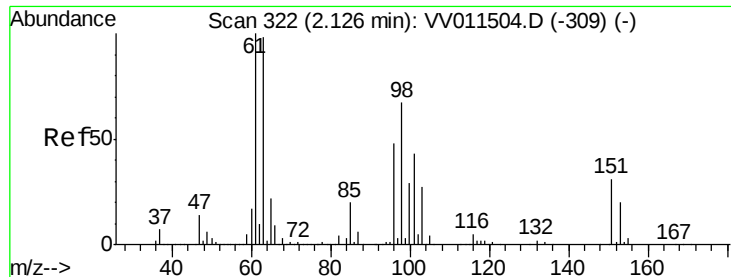
66 8.1 21.6 40.2#



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: 0.084 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0JY1

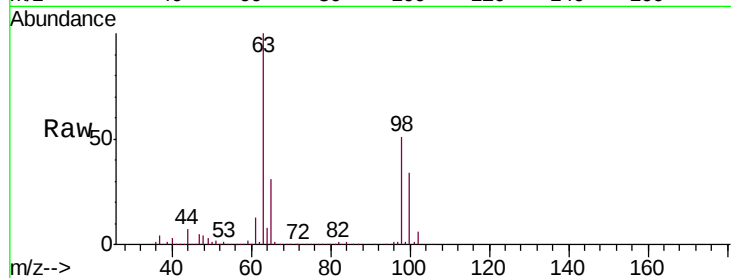
Tgt Ion: 101 Resp: 972

Ion Ratio Lower Upper

101 100

85 2.1 37.3 55.9#

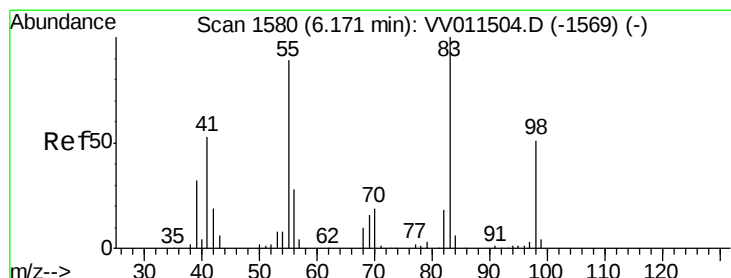
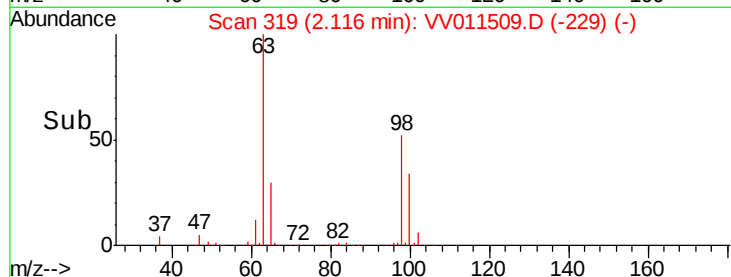
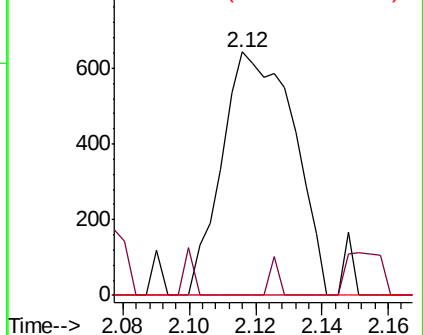
151 0.0 59.4 89.2#



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



#35

Methylcyclohexane

Concen: 0.921 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011509.D

Acq: 15 Jun 2019 00:01

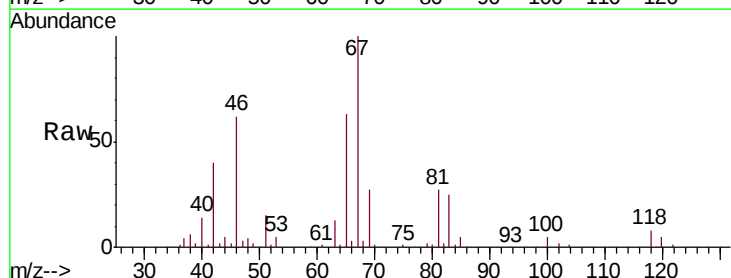
Tgt Ion: 83 Resp: 19327

Ion Ratio Lower Upper

83 100

55 0.0 67.9 101.9#

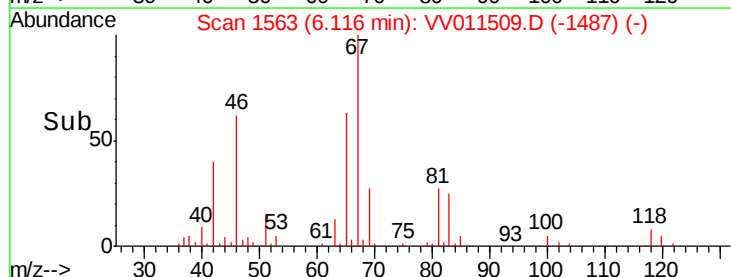
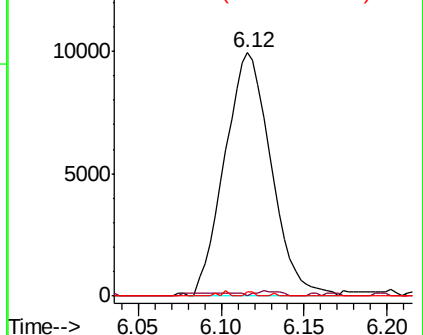
98 0.4 39.6 59.4#

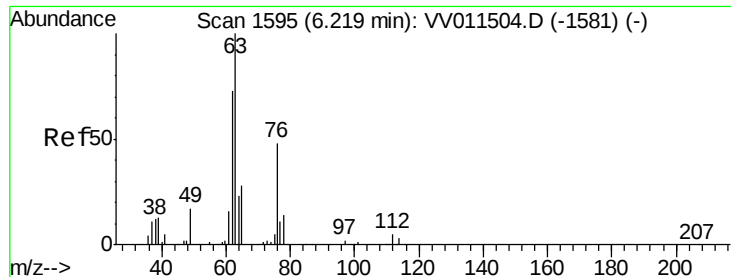


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011509.D

Acq: 15 Jun 2019 00:01

Instrument :

MSVOA_V

ClientSampleId :

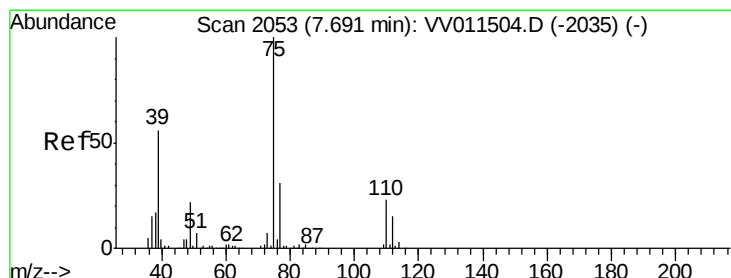
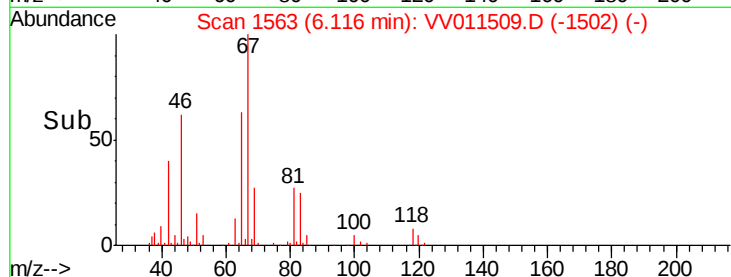
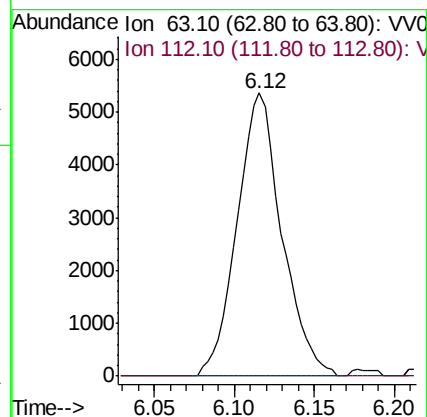
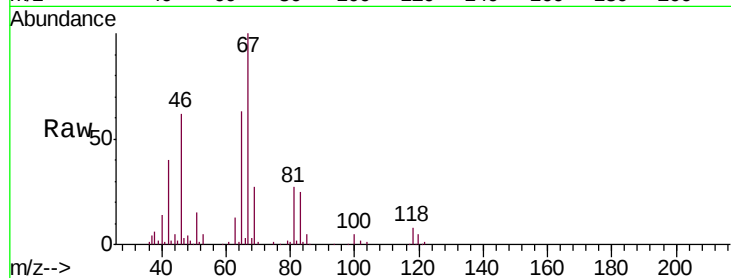
C0JY1

Tgt Ion: 63 Resp: 10221

Ion Ratio Lower Upper

63 100

112 0.4 3.7 5.5#



#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011509.D

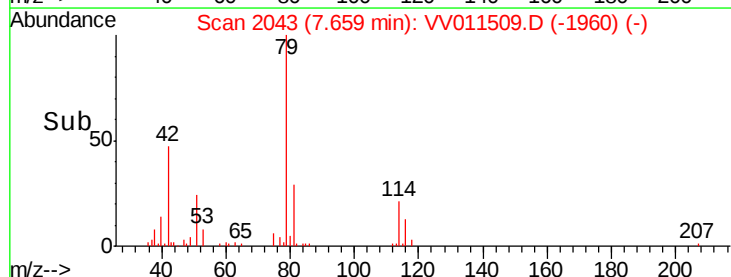
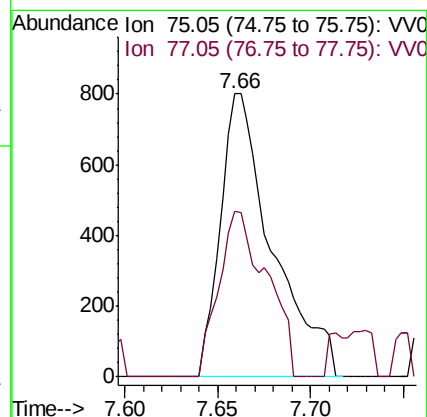
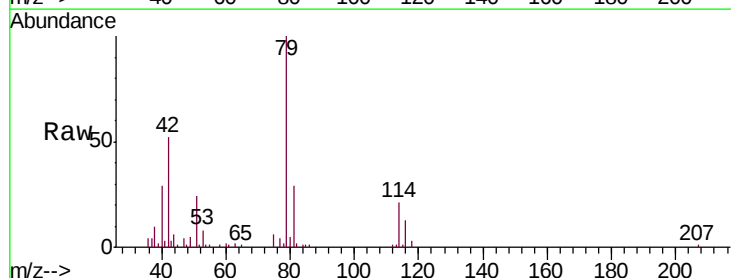
Acq: 15 Jun 2019 00:01

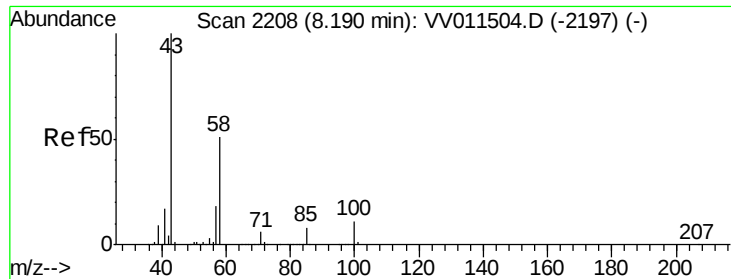
Tgt Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

77 58.4 22.8 42.4#





#48

2-Hexanone

Concen: 2.780 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011509.D

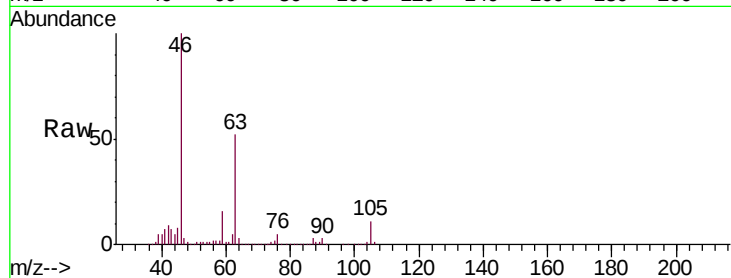
Acq: 15 Jun 2019 00:01

Instrument :

MSVOA_V

ClientSampleId :

C0JY1



Tgt Ion:	43	Resp:	21395
Ion	Ratio	Lower	Upper
43	100		
58	27.5	40.6	60.8#
57	24.4	14.2	21.4#
100	1.2	8.6	12.8#

