

Data File : VV012857.D
Acq On : 17 Sep 2019 00:54
Operator : SY/MD
Sample : K4834-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJ1

Quant Time: Sep 17 07:28:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	388137	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387746	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122891	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	100673	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	163442	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.95	46	134339	36.16	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.32%
24) Chloroform-d	4.40	84	201339	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	100803	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	410514	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	125154	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	317180	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	36080	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	112799	48.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	71990	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	108858	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

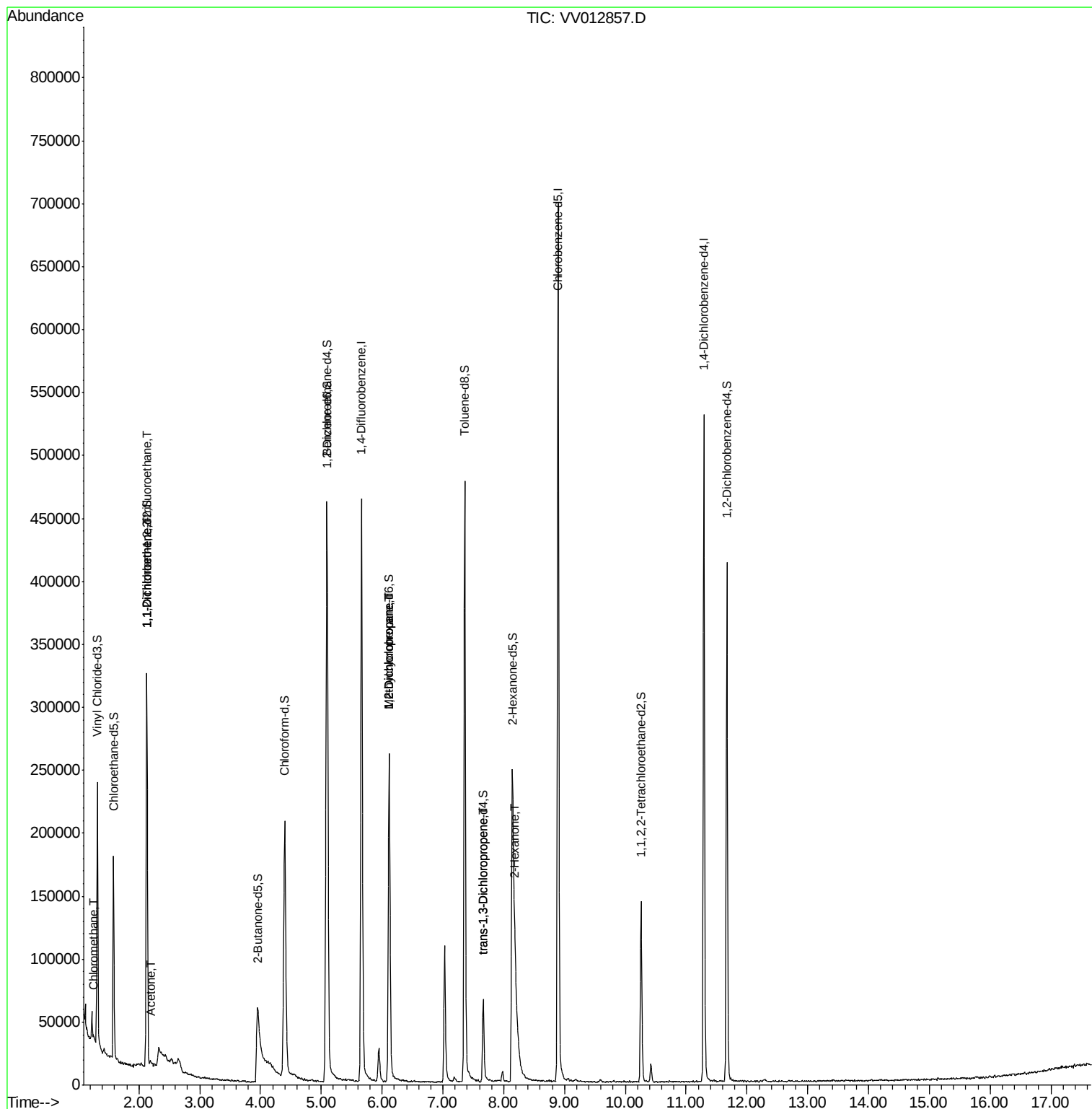
						Qvalue
3) Chloromethane	1.25	50	2171	0.076	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1824	0.079	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1734	0.082	ug/L #	1
13) Acetone	2.20	43	4459	1.549	ug/L	88
35) Methylcyclohexane	6.12	83	29432	0.857	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13792	0.523	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1626	0.063	ug/L #	76
48) 2-Hexanone	8.19	43	41006	3.690	ug/L #	88

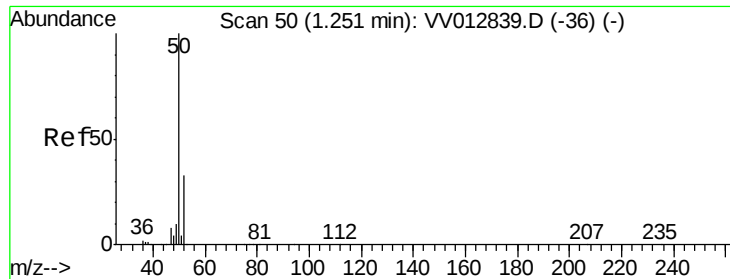
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.076 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Acq: 17 Sep 2019 00:54

Instrument :

MSVOA_V

ClientSampleId :

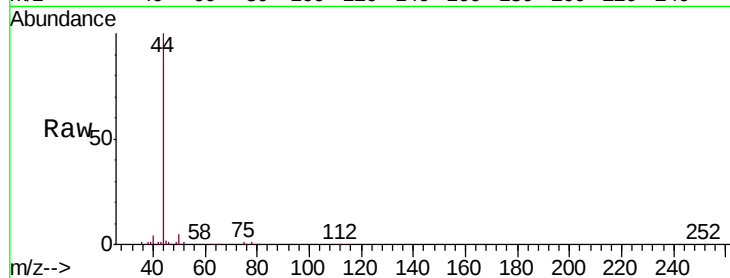
COMJ1

Tgt Ion: 50 Resp: 2171

Ion Ratio Lower Upper

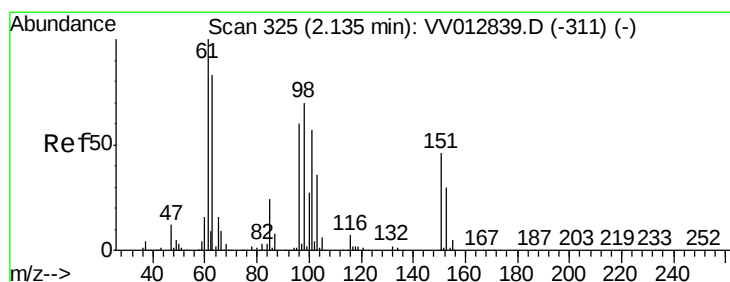
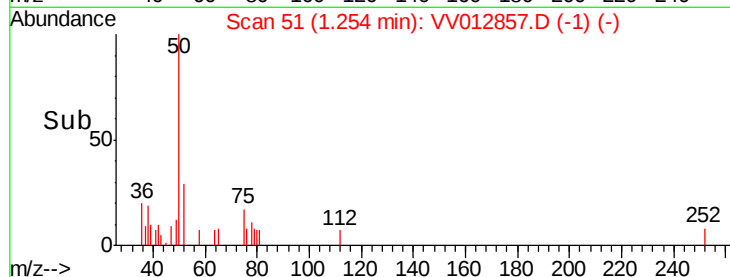
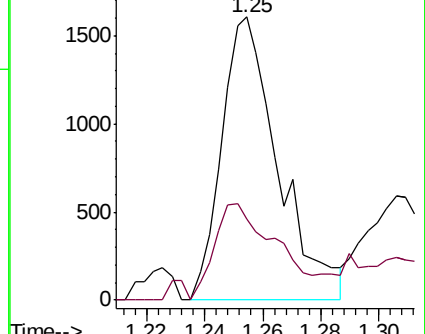
50 100

52 28.9 21.3 39.6



Abundance Ion 50.05 (49.75 to 50.75): VV012839.D (-36) (-)

Ion 52.05 (51.75 to 52.75): VV012839.D (-36) (-)



#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012857.D

Acq: 17 Sep 2019 00:54

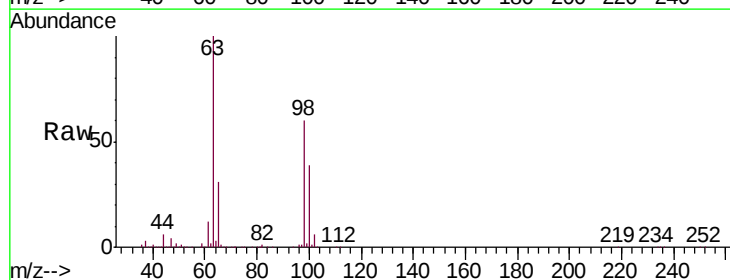
Tgt Ion: 101 Resp: 1824

Ion Ratio Lower Upper

101 100

85 2.4 32.9 49.3#

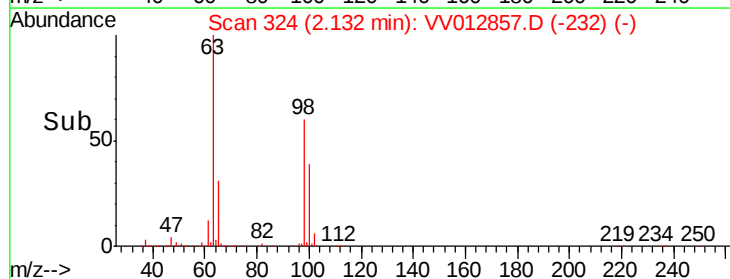
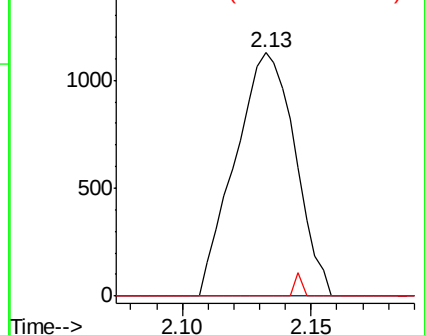
151 1.1 65.0 97.6#

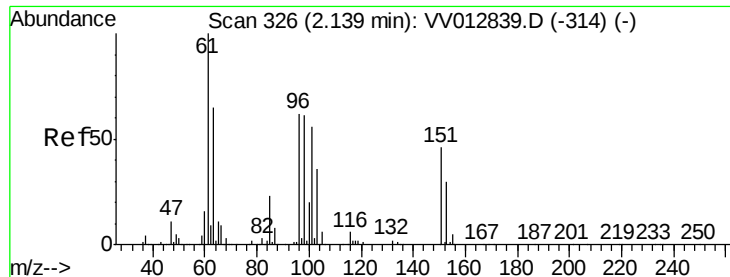


Abundance Ion 101.00 (100.70 to 101.70): VV012839.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV012839.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV012839.D (-311) (-)





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012857.D

Acq: 17 Sep 2019 00:54

Instrument :

MSVOA_V

ClientSampleId :

COMJ1

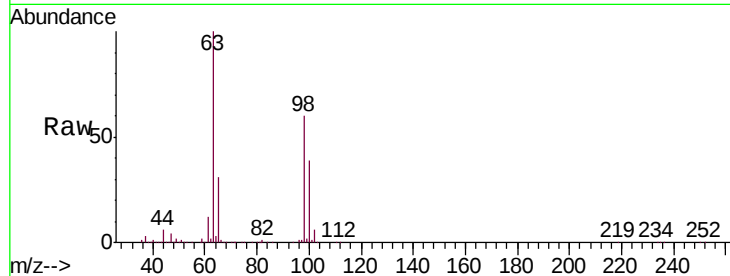
Tgt Ion: 96 Resp: 1734

Ion Ratio Lower Upper

96 100

61 1212.7 120.1 223.1#

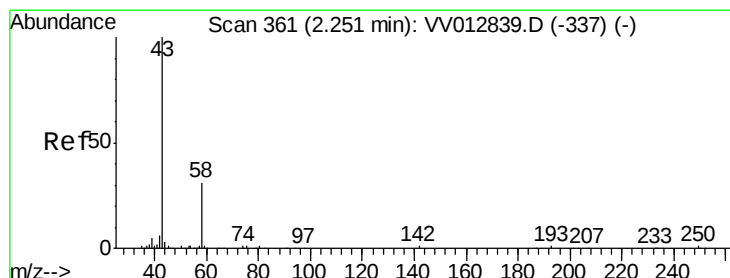
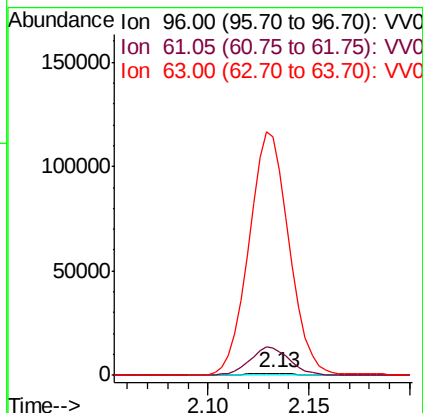
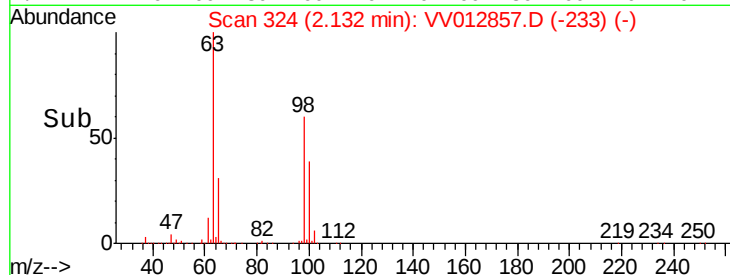
63 10492.0 88.3 164.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 1.549 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.05 min

Lab File: VV012857.D

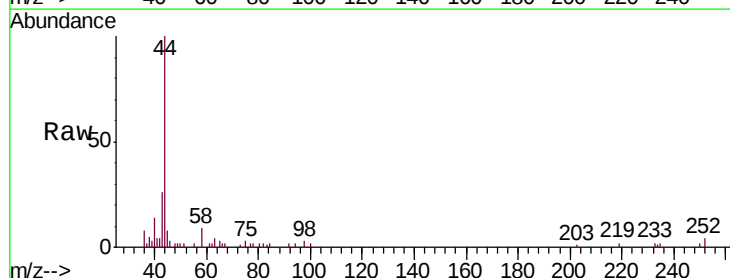
Acq: 17 Sep 2019 00:54

Tgt Ion: 43 Resp: 4459

Ion Ratio Lower Upper

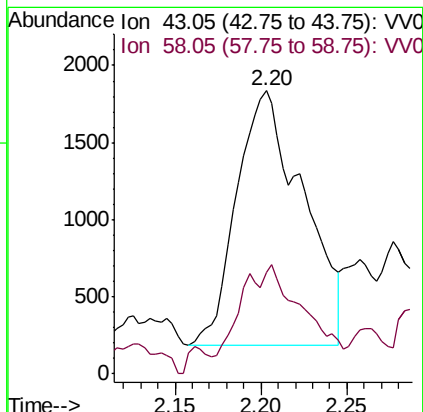
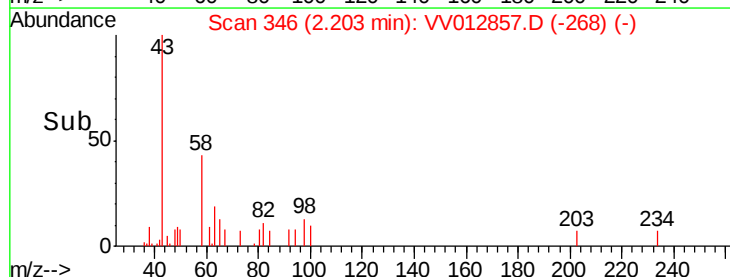
43 100

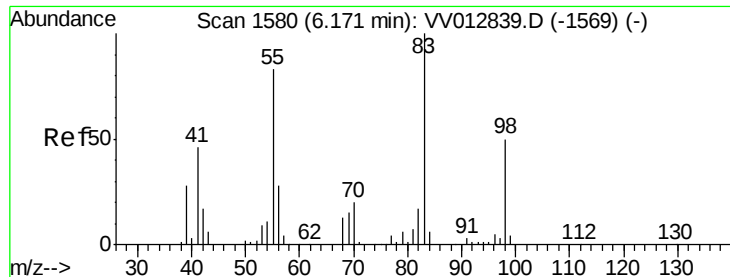
58 22.0 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#35

Methylcyclohexane

Concen: 0.857 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012857.D

Acq: 17 Sep 2019 00:54

Instrument :

MSVOA_V

ClientSampleId :

COMJ1

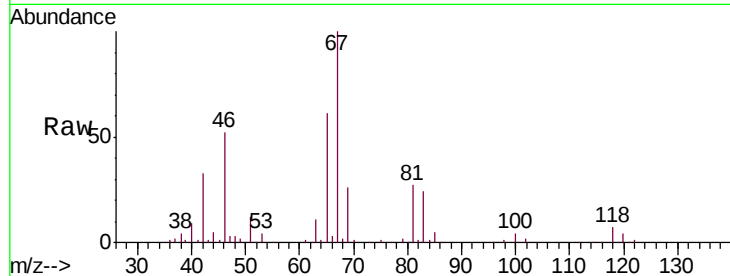
Tgt Ion: 83 Resp: 29432

Ion Ratio Lower Upper

83 100

55 0.5 65.4 98.2#

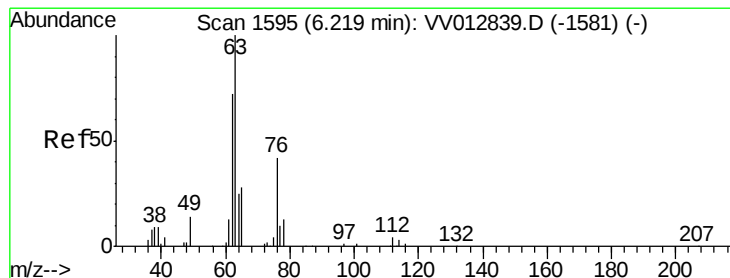
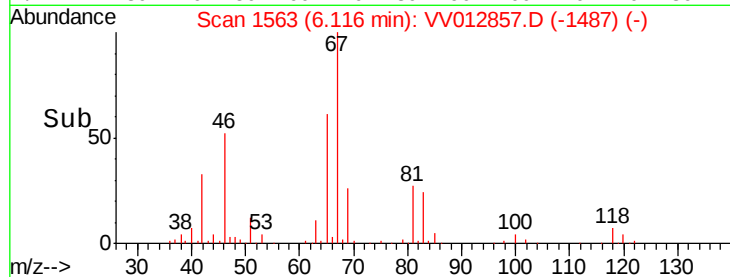
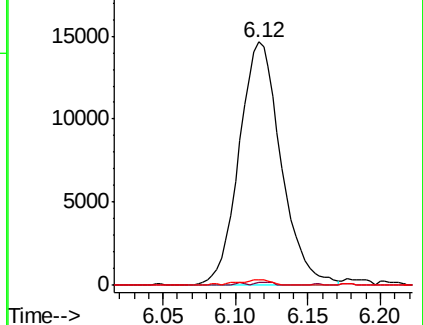
98 1.7 39.0 58.4#



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: 0.523 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012857.D

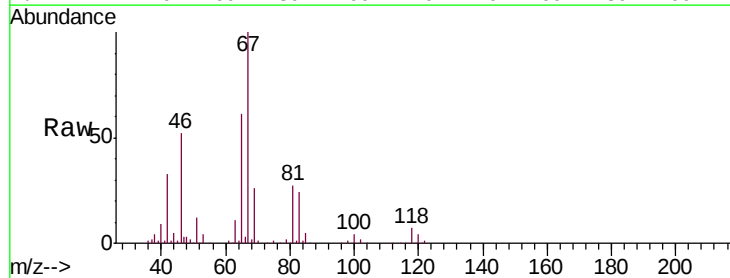
Acq: 17 Sep 2019 00:54

Tgt Ion: 63 Resp: 13792

Ion Ratio Lower Upper

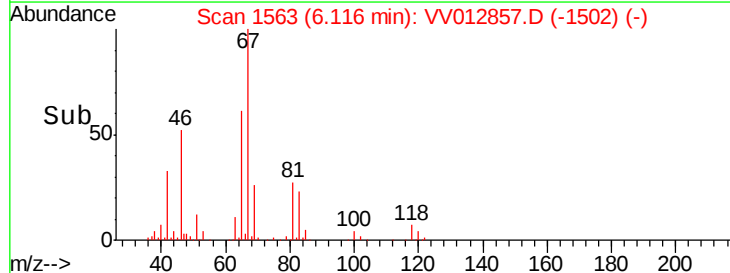
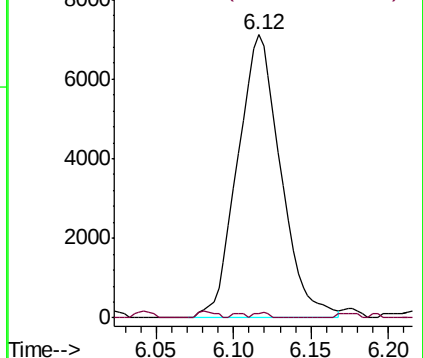
63 100

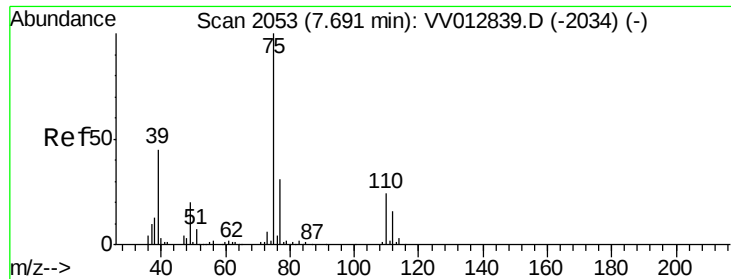
112 0.6 4.2 6.2#



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: 0.063 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012857.D

Acq: 17 Sep 2019 00:54

Instrument :

MSVOA_V

ClientSampled :

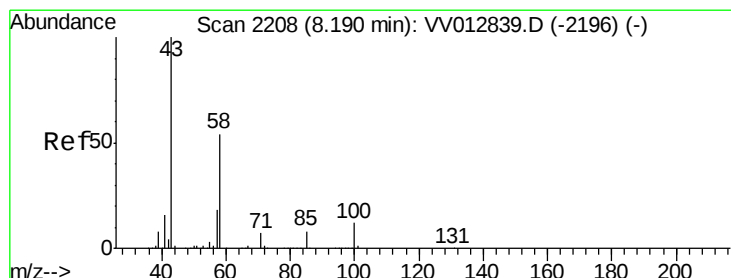
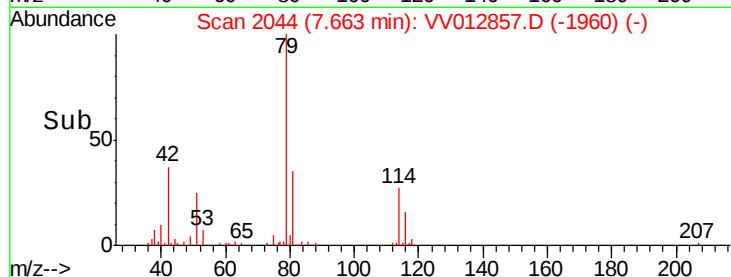
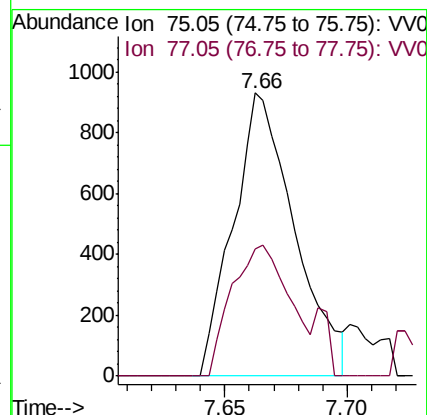
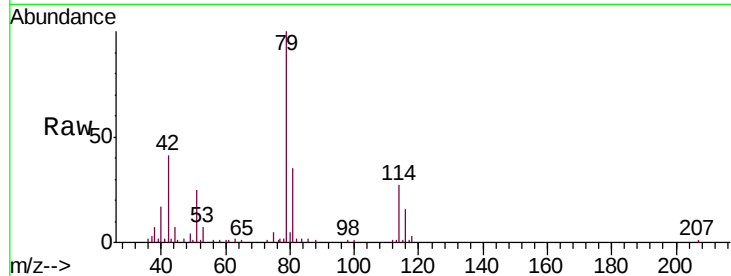
COMJ1

Tgt Ion: 75 Resp: 1626

Ion Ratio Lower Upper

75 100

77 45.1 22.3 41.3#



#48

2-Hexanone

Concen: 3.690 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012857.D

Acq: 17 Sep 2019 00:54

Tgt Ion: 43 Resp: 41006

Ion Ratio Lower Upper

43 100

58 48.6 44.8 67.2

57 10.5 15.0 22.6#

100 7.9 8.8 13.2#

