

Data File : VV012806.D
Acq On : 15 Sep 2019 19:42
Operator : SY/MD
Sample : K4834-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJ4

Quant Time: Sep 16 08:17:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	412328	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	399319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144119	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205642	7.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	147.00%#
7) Chloroethane-d5	1.58	69	171750	7.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	148.40%#
11) 1,1-Dichloroethene-d2	2.13	63	254378	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.60%
20) 2-Butanone-d5	3.99	46	449188	66.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.48%#
24) Chloroform-d	4.40	84	333225	6.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.20%#
26) 1,2-Dichloroethane-d4	5.08	65	176682	7.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	145.20%#
32) Benzene-d6	5.09	84	680437	7.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	142.60%#
36) 1,2-Dichloropropane-d6	6.12	67	212817	7.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	140.40%#
41) Toluene-d8	7.36	98	544918	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.40%
43) trans-1,3-Dichloropropene-	7.66	79	65569	6.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	125.80%
46) 2-Hexanone-d5	8.14	63	227683	57.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	119781	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	182018	7.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.60%#

Target Compounds

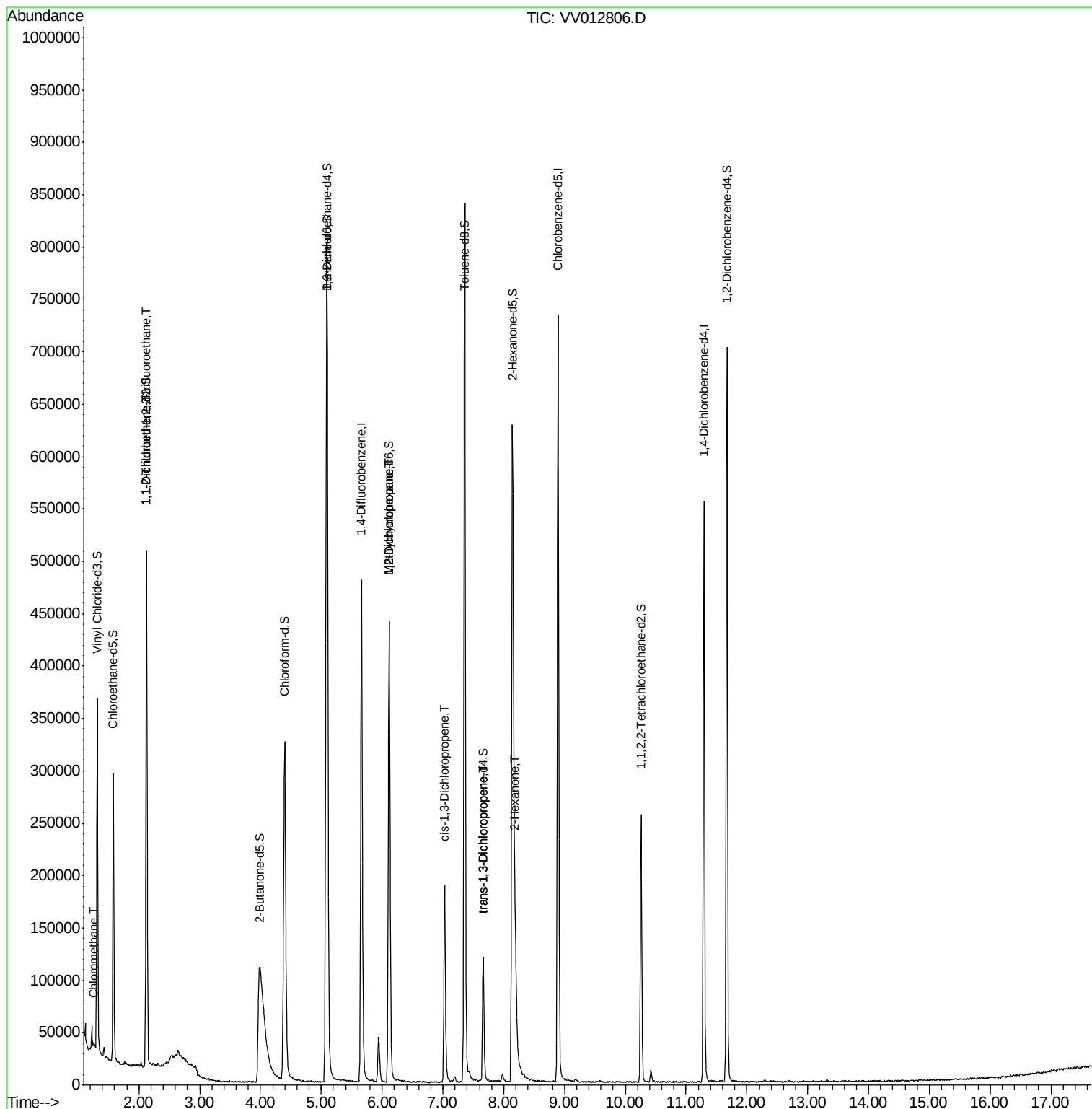
					Qvalue	
3) Chloromethane	1.25	50	3065	0.087	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2432	0.090	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	2358	0.092	ug/L #	1
35) Methylcyclohexane	6.12	83	51051	1.120	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22350	0.769	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	4704	0.123	ug/L #	58
44) trans-1,3-Dichloropropene	7.66	75	3132	0.109	ug/L	96
48) 2-Hexanone	8.19	43	80921	7.018	ug/L #	89

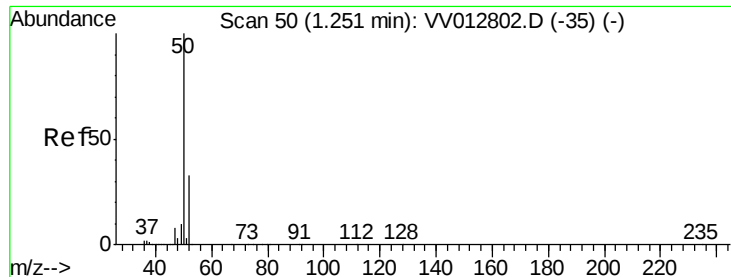
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.087 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV012806.D

Acq: 15 Sep 2019 19:42

Instrument :

MSVOA_V

ClientSampleId :

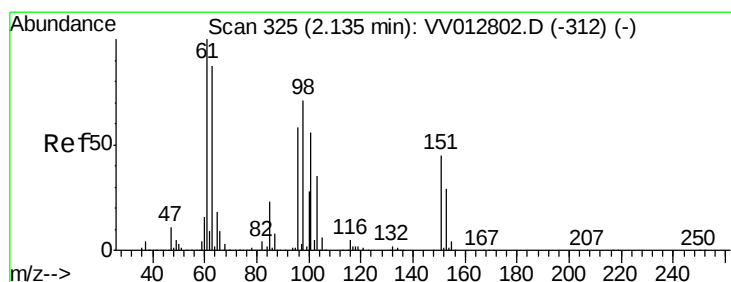
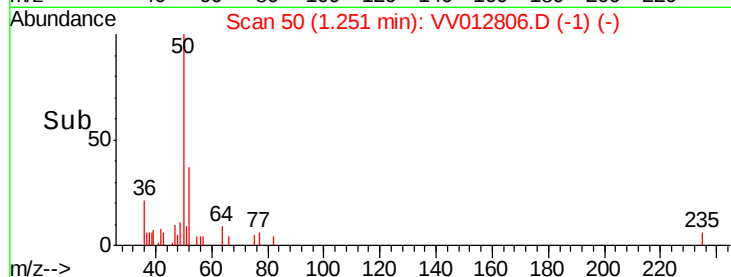
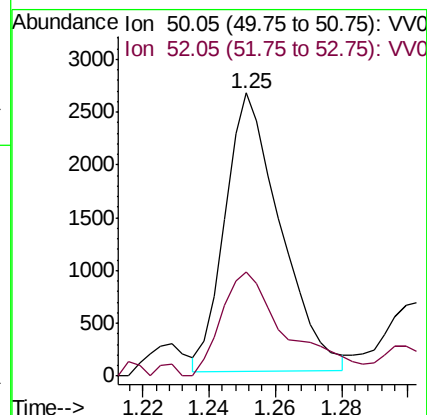
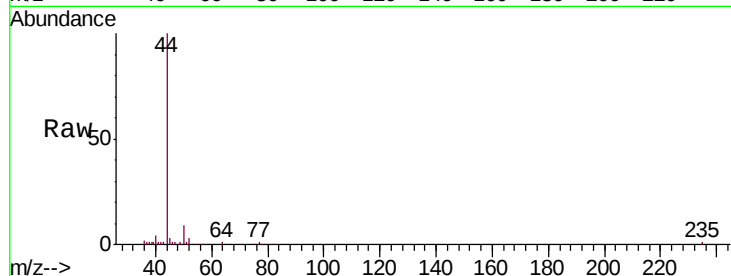
COMJ4

Tgt Ion: 50 Resp: 3065

Ion Ratio Lower Upper

50 100

52 36.7 22.9 42.5



#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012806.D

Acq: 15 Sep 2019 19:42

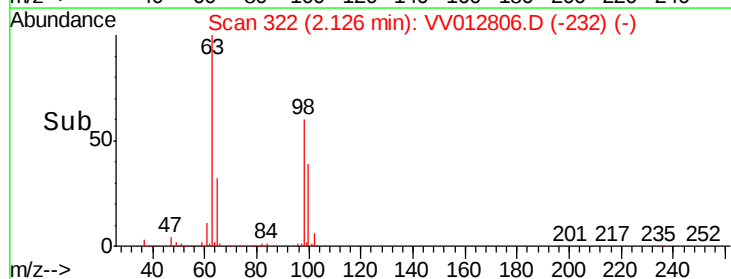
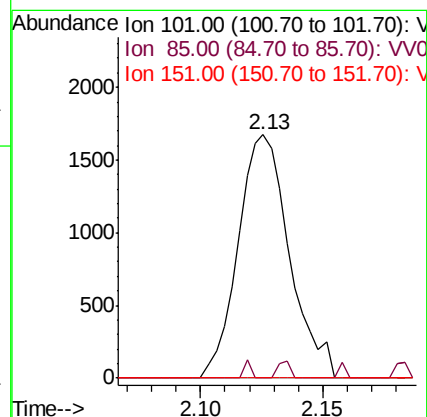
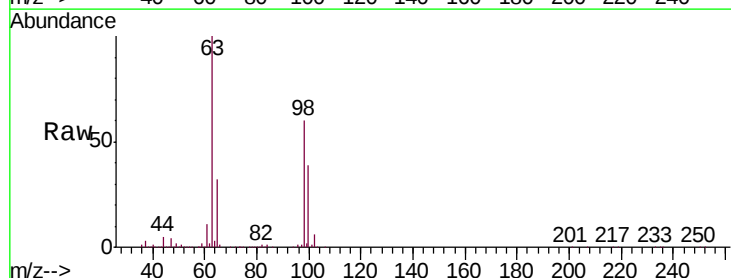
Tgt Ion: 101 Resp: 2432

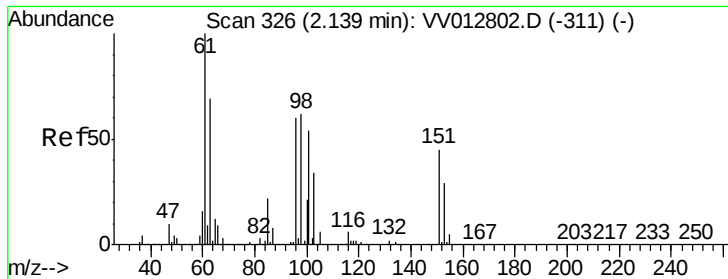
Ion Ratio Lower Upper

101 100

85 1.0 33.0 49.6#

151 0.0 65.8 98.8#





#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012806.D

Acq: 15 Sep 2019 19:42

Instrument :

MSVOA_V

ClientSampleId :

COMJ4

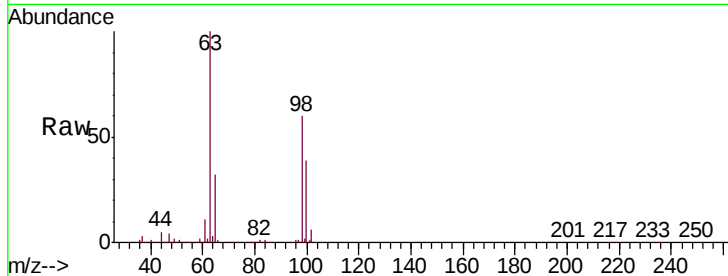
Tgt Ion: 96 Resp: 2358

Ion Ratio Lower Upper

96 100

61 1356.1 115.8 215.0#

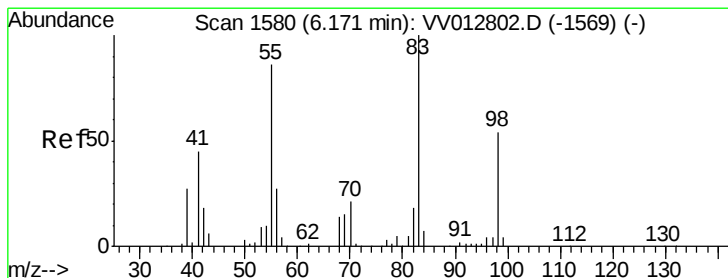
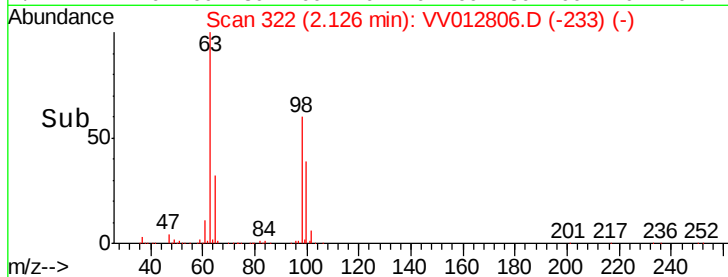
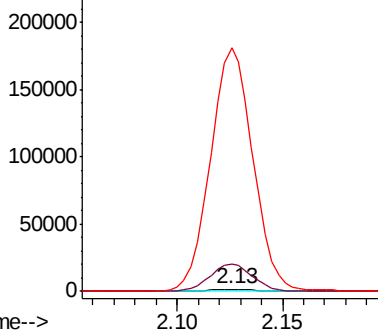
63 12087.0 79.4 147.4#



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



#35

Methylcyclohexane

Concen: 1.120 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012806.D

Acq: 15 Sep 2019 19:42

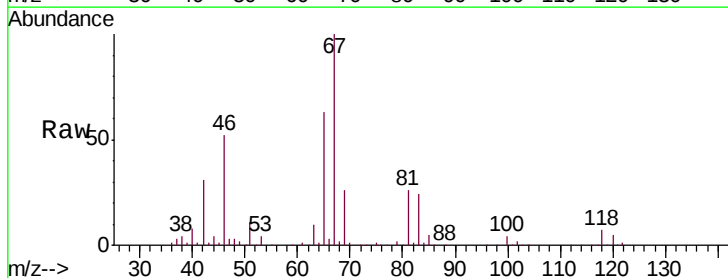
Tgt Ion: 83 Resp: 51051

Ion Ratio Lower Upper

83 100

55 0.4 63.0 94.4#

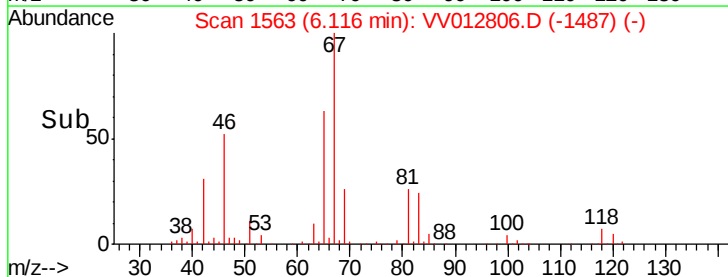
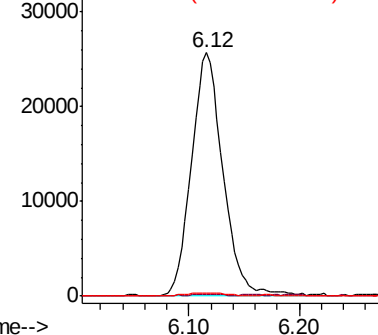
98 0.8 39.8 59.8#

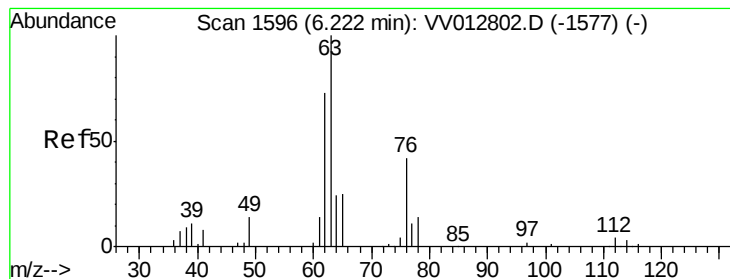


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.769 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV012806.D

Acq: 15 Sep 2019 19:42

Instrument :

MSVOA_V

ClientSampleId :

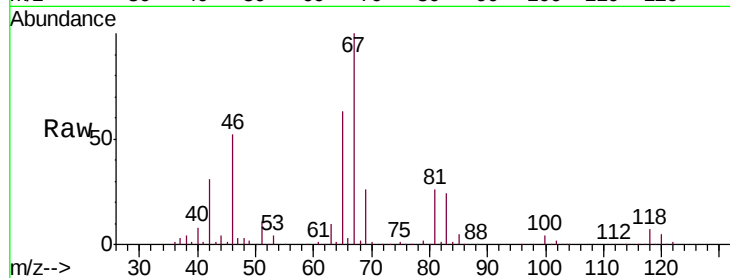
COMJ4

Tgt Ion: 63 Resp: 22350

Ion Ratio Lower Upper

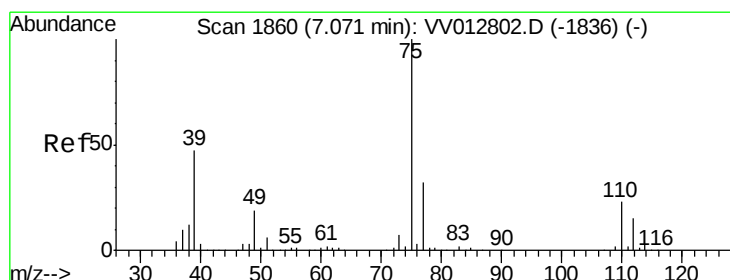
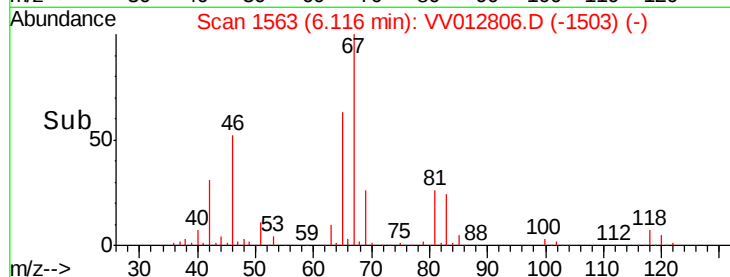
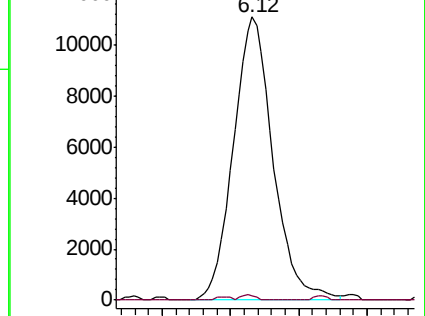
63 100

112 0.7 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV012802.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV012802.D (-1577) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012806.D

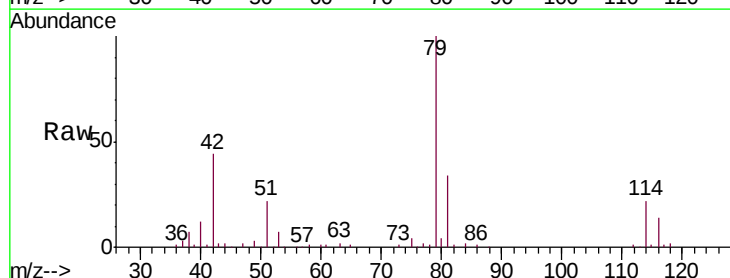
Acq: 15 Sep 2019 19:42

Tgt Ion: 75 Resp: 4704

Ion Ratio Lower Upper

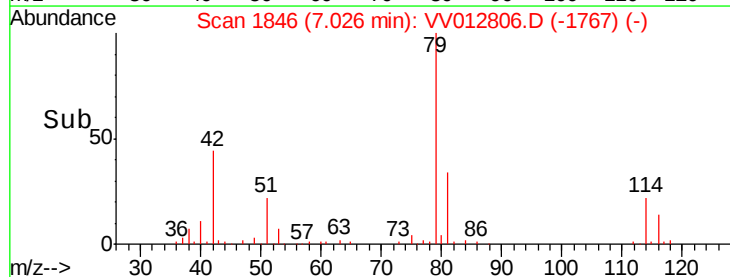
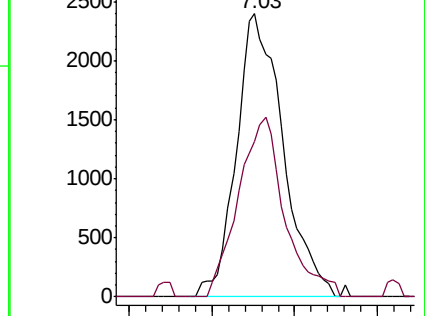
75 100

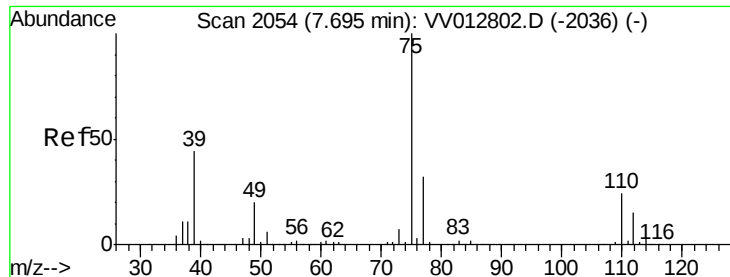
77 55.0 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV012802.D (-1836) (-)

Ion 77.05 (76.75 to 77.75): VV012802.D (-1836) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV012806.D

Acq: 15 Sep 2019 19:42

Instrument :

MSVOA_V

ClientSampleId :

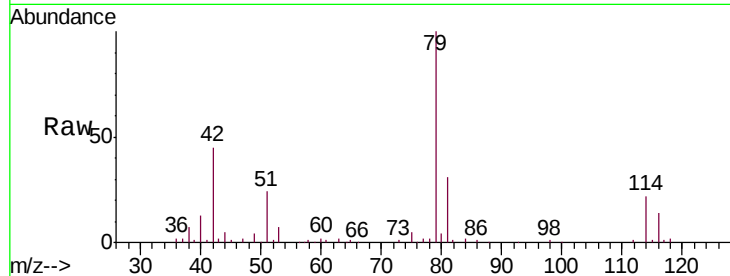
COMJ4

Tgt Ion: 75 Resp: 3132

Ion Ratio Lower Upper

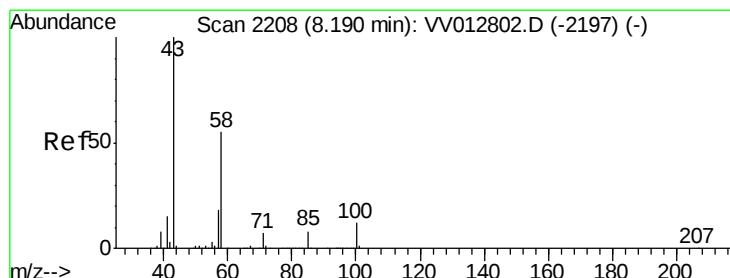
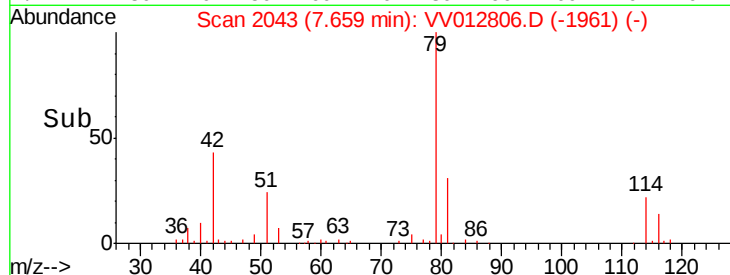
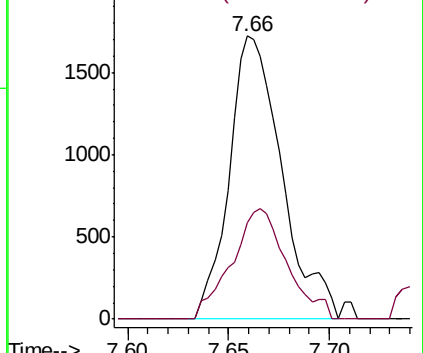
75 100

77 34.0 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 7.018 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012806.D

Acq: 15 Sep 2019 19:42

Tgt Ion: 43 Resp: 80921

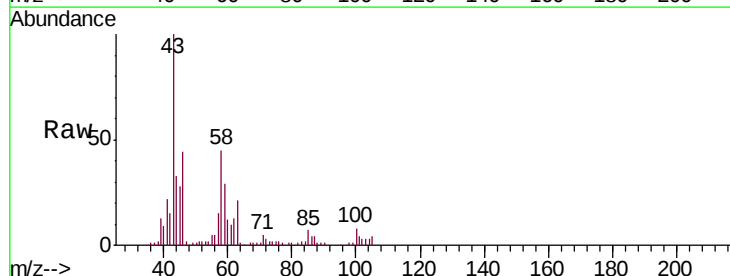
Ion Ratio Lower Upper

43 100

58 46.5 44.8 67.2

57 15.2 14.9 22.3

100 9.0 9.8 14.8#



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

