

Data File : VV012798.D
Acq On : 15 Sep 2019 13:28
Operator : SY/MD
Sample : K4865-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMNO

Quant Time: Sep 16 07:20:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 07:16:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	431305	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	424532	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	187778	6.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.40%
7) Chloroethane-d5	1.58	69	160310	6.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.40%#
11) 1,1-Dichloroethene-d2	2.13	63	230085	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.96	46	389150	55.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	4.40	84	310748	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
26) 1,2-Dichloroethane-d4	5.08	65	157131	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.40%
32) Benzene-d6	5.10	84	621936	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.60%
36) 1,2-Dichloropropane-d6	6.12	67	196450	6.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.00%
41) Toluene-d8	7.36	98	501803	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	7.66	79	59592	5.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.60%
46) 2-Hexanone-d5	8.14	63	208277	49.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110909	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	166261	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

Target Compounds

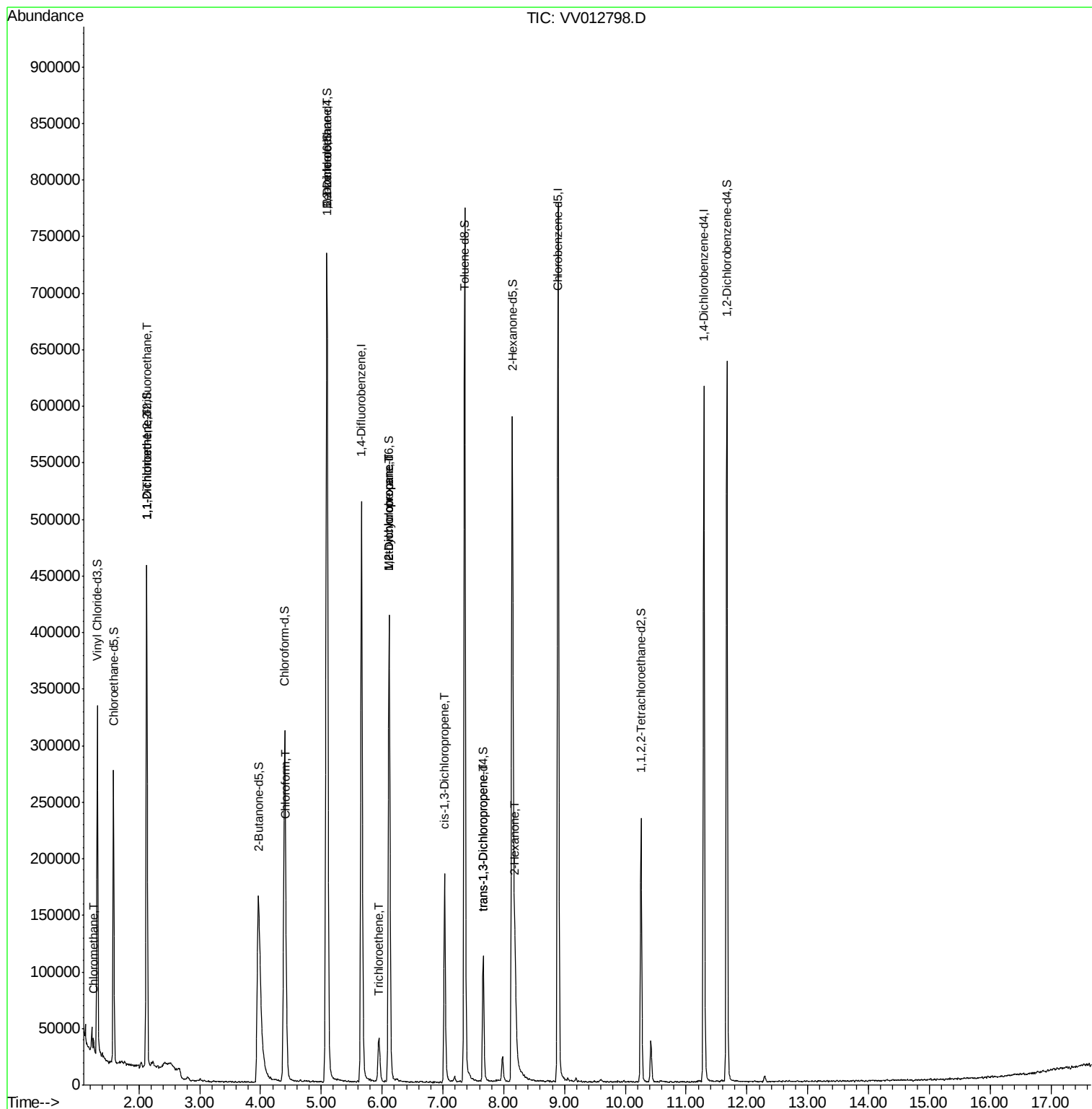
					Qvalue
3) Chloromethane	1.25	50	8118	0.221 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2564	0.091 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2133	0.080 ug/L #	1
25) Chloroform	4.42	83	23799	0.381 ug/L	94
27) 1,2-Dichloroethane	5.10	62	3635	0.111 ug/L	95
34) Trichloroethene	5.96	95	4335	0.126 ug/L	89
35) Methylcyclohexane	6.12	83	45110	0.931 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	21170	0.685 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4176	0.103 ug/L #	47
44) trans-1,3-Dichloropropene	7.66	75	2862	0.094 ug/L	85
48) 2-Hexanone	8.19	43	62318	5.084 ug/L #	86

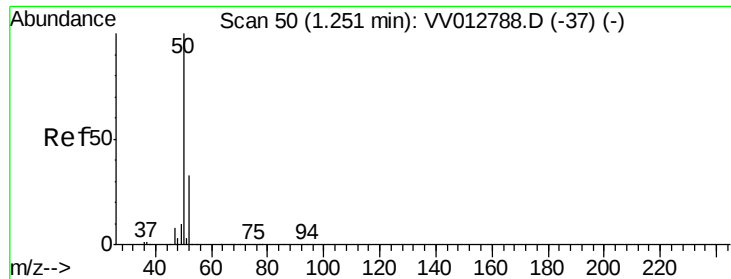
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.221 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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ClientSampleId :

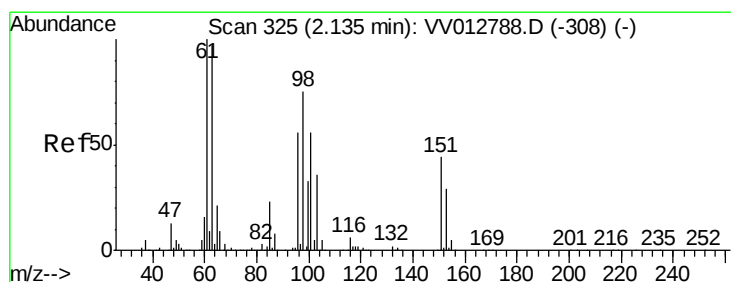
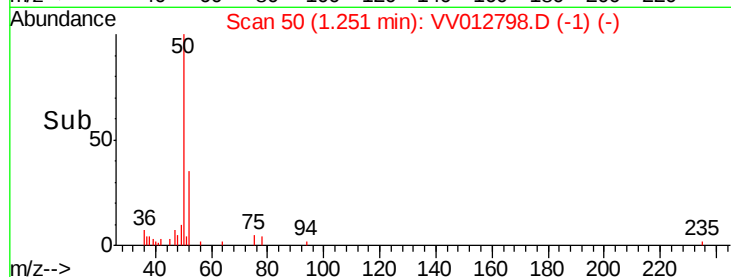
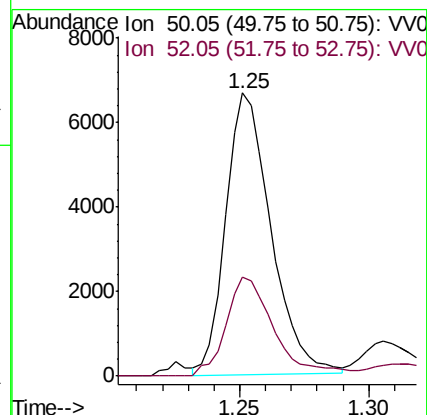
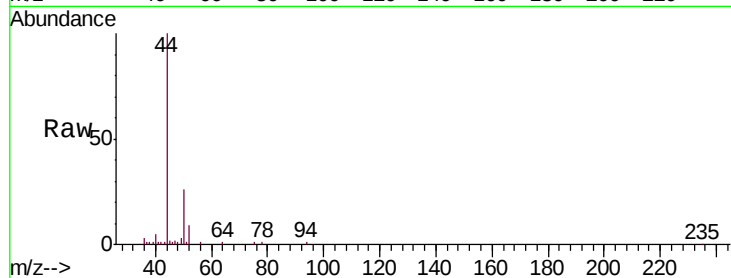
COMNO

Tgt Ion: 50 Resp: 8118

Ion Ratio Lower Upper

50 100

52 35.1 22.9 42.5



#10

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

Concen: 0.091 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012798.D

Acq: 15 Sep 2019 13:28

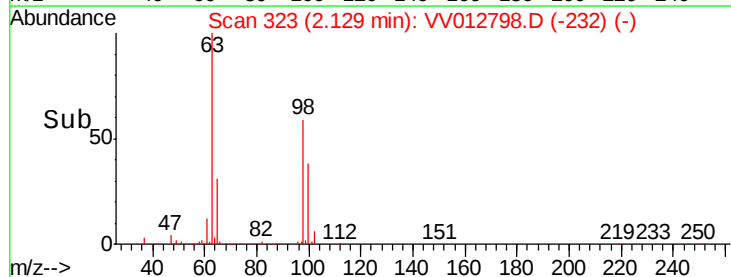
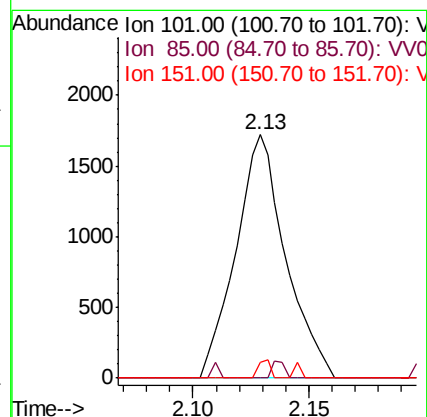
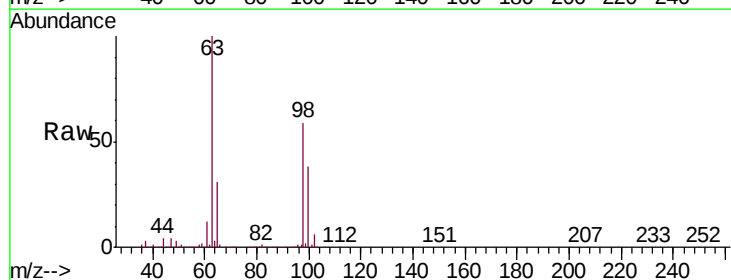
Tgt Ion: 101 Resp: 2564

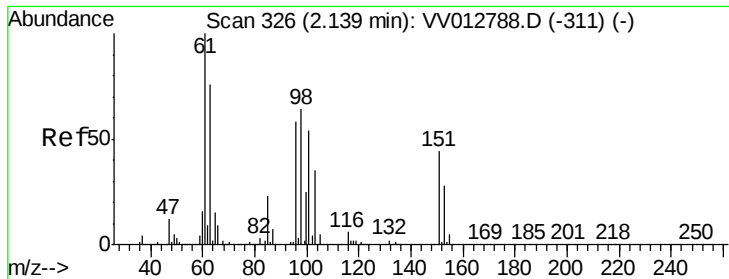
Ion Ratio Lower Upper

101 100

85 1.8 33.0 49.6#

151 1.8 65.8 98.8#





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012798.D

Acq: 15 Sep 2019 13:28

Instrument :

MSVOA_V

ClientSampleId :

COMNO

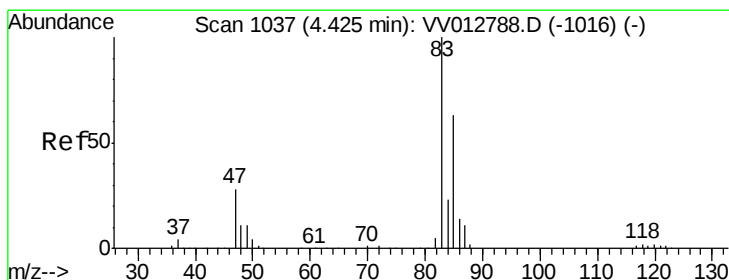
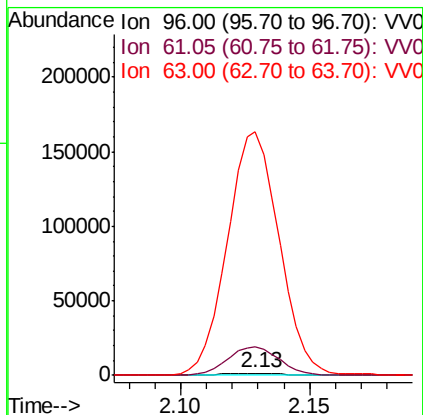
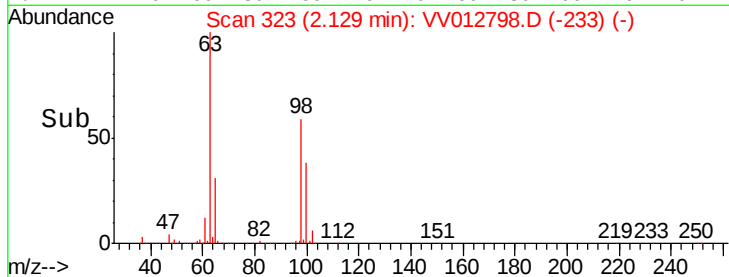
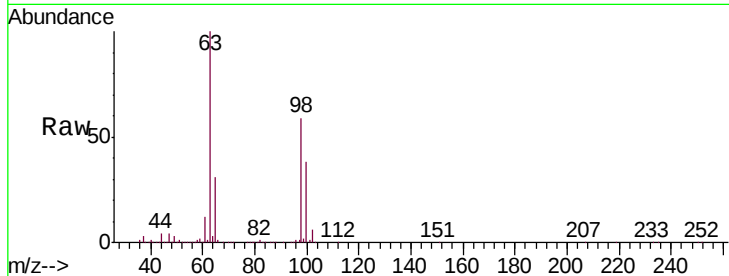
Tgt Ion: 96 Resp: 2133

Ion Ratio Lower Upper

96 100

61 1461.5 115.8 215.0#

63 12515.6 79.4 147.4#



#25

Chloroform

Concen: 0.381 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV012798.D

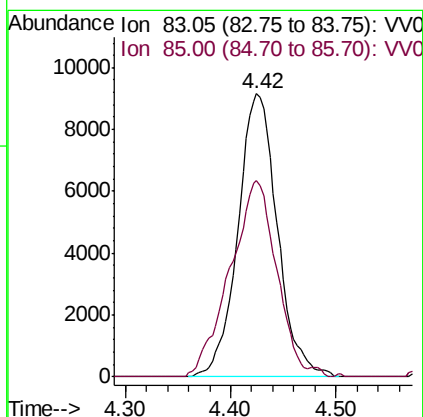
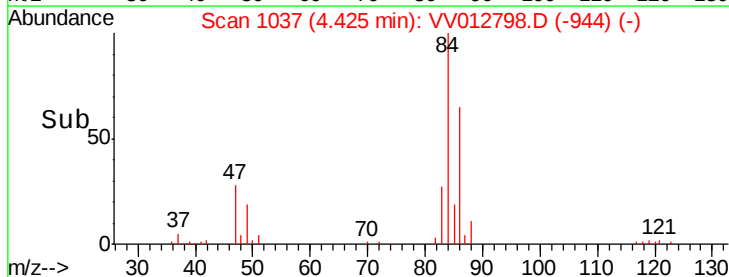
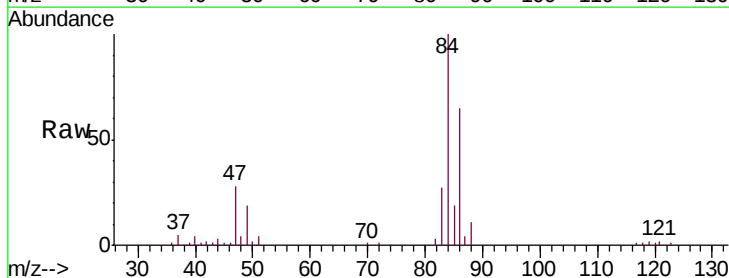
Acq: 15 Sep 2019 13:28

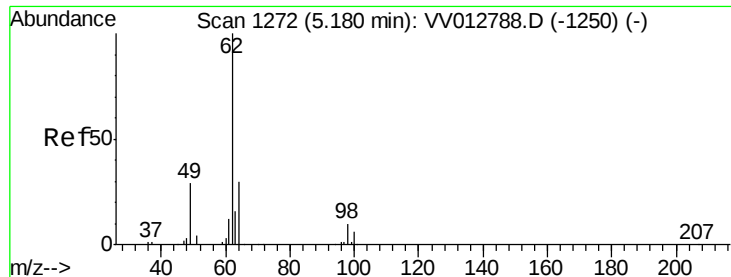
Tgt Ion: 83 Resp: 23799

Ion Ratio Lower Upper

83 100

85 69.3 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV012798.D

Acq: 15 Sep 2019 13:28

Instrument :

MSVOA_V

ClientSampleId :

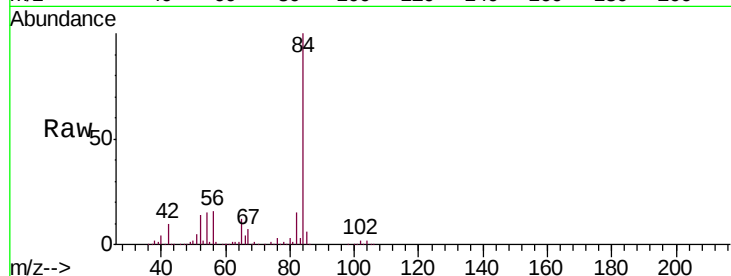
COMNO

Tgt Ion: 62 Resp: 3635

Ion Ratio Lower Upper

62 100

98 8.5 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VV012788.D (-1250) (-)

Ion 98.05 (97.75 to 98.75): VV012788.D (-1250) (-)

2000

1500

1000

500

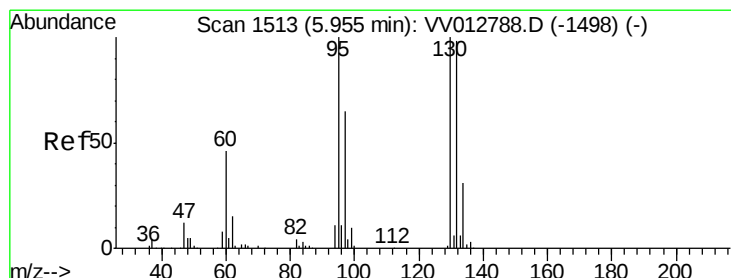
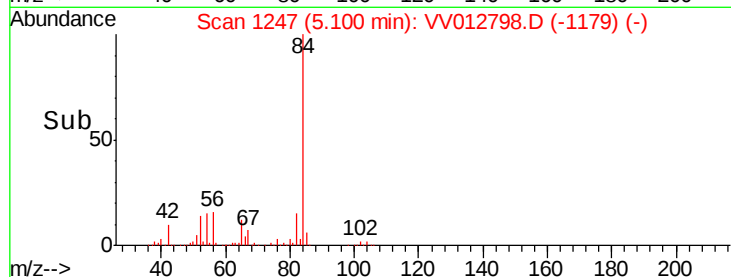
0

5.05

5.10

5.15

Time-->



#34

Trichloroethene

Concen: 0.126 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012798.D

Acq: 15 Sep 2019 13:28

Tgt Ion: 95 Resp: 4335

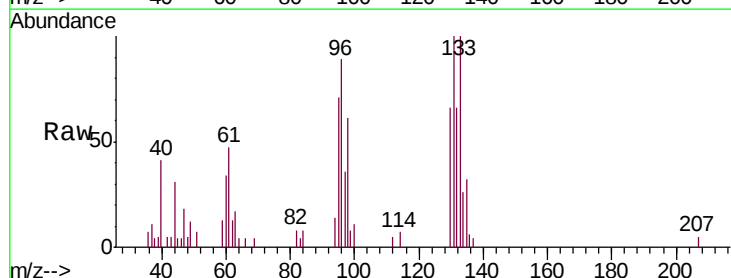
Ion Ratio Lower Upper

95 100

97 51.1 45.4 84.2

132 93.3 70.2 130.4

130 94.1 74.2 137.8



Abundance Ion 95.00 (94.70 to 95.70): VV012788.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV012788.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV012788.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV012788.D (-1498) (-)

3000

2500

2000

1500

1000

500

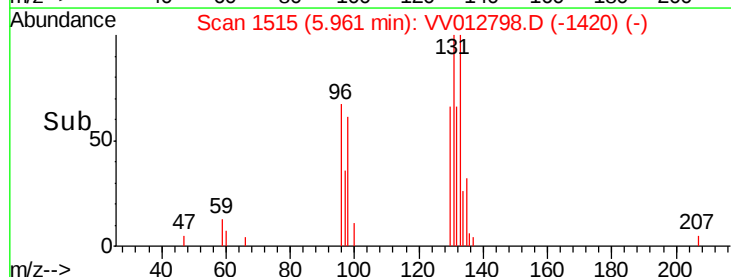
0

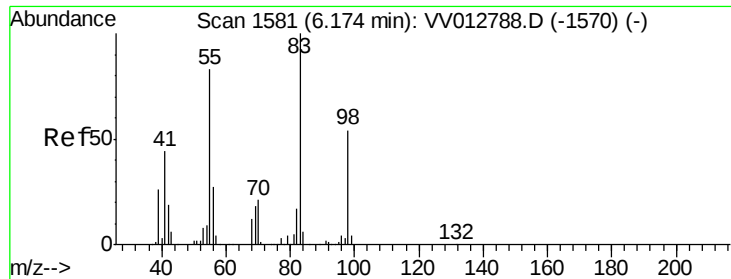
5.90

5.95

6.00

Time-->





#35

Methylcyclohexane

Concen: 0.931 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012798.D

Acq: 15 Sep 2019 13:28

Instrument :

MSVOA_V

ClientSampleId :

COMNO

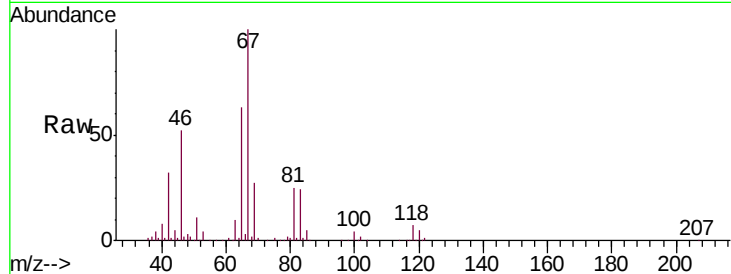
Tgt Ion: 83 Resp: 45110

Ion Ratio Lower Upper

83 100

55 0.3 63.0 94.4#

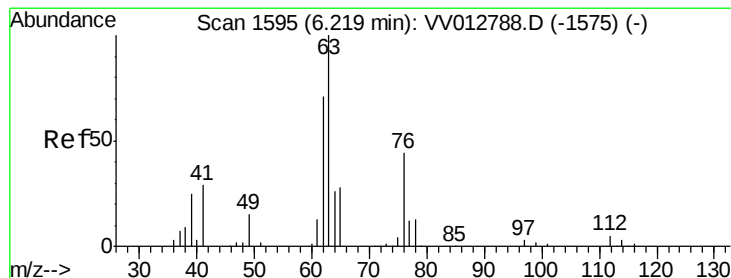
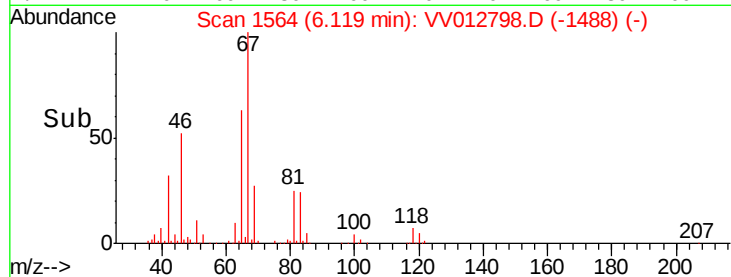
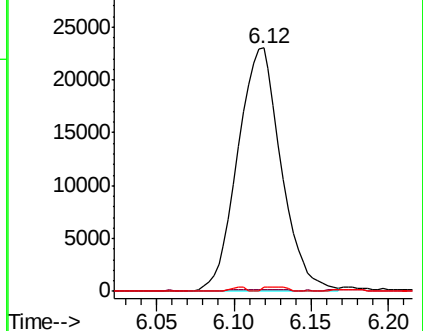
98 0.9 39.8 59.8#



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: 0.685 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012798.D

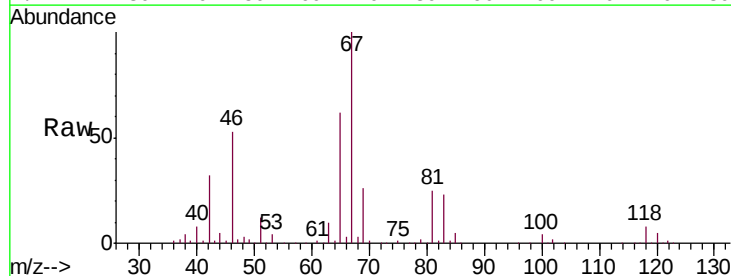
Acq: 15 Sep 2019 13:28

Tgt Ion: 63 Resp: 21170

Ion Ratio Lower Upper

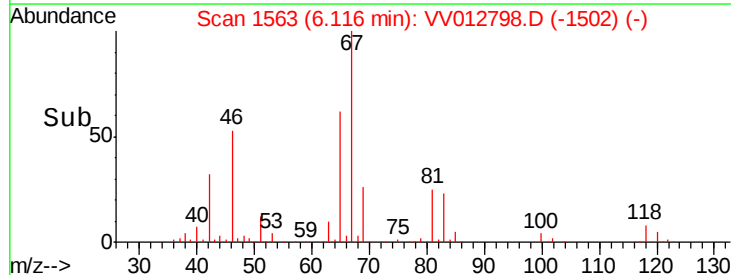
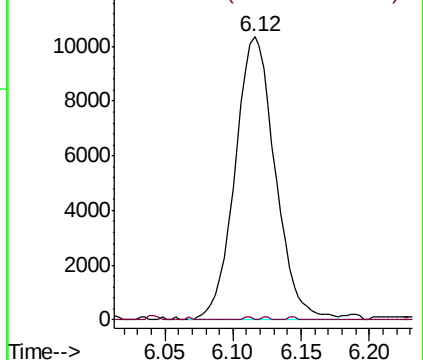
63 100

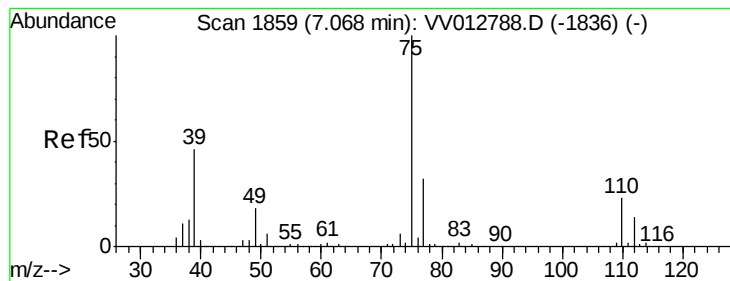
112 0.2 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV012798.D

Acq: 15 Sep 2019 13:28

Instrument :

MSVOA_V

ClientSampled :

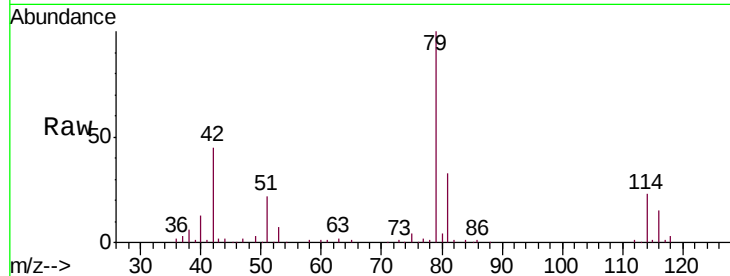
COMNO

Tgt Ion: 75 Resp: 4176

Ion Ratio Lower Upper

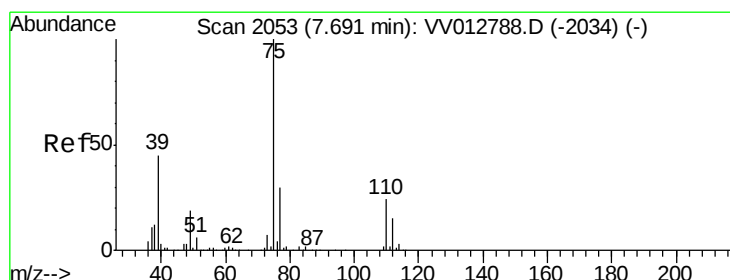
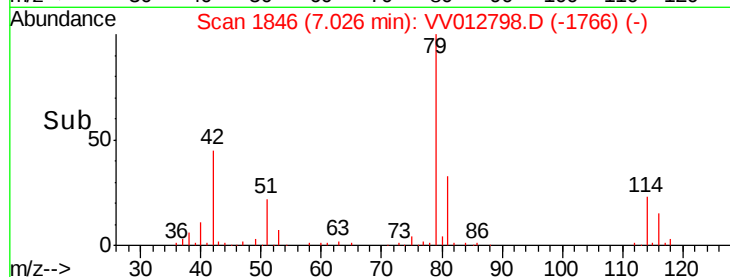
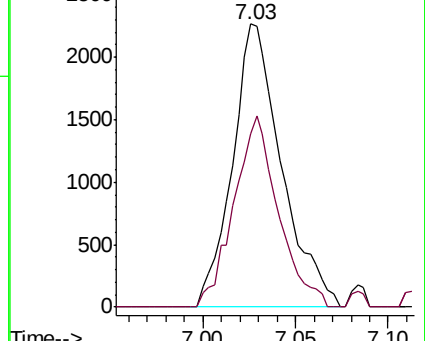
75 100

77 61.1 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012798.D

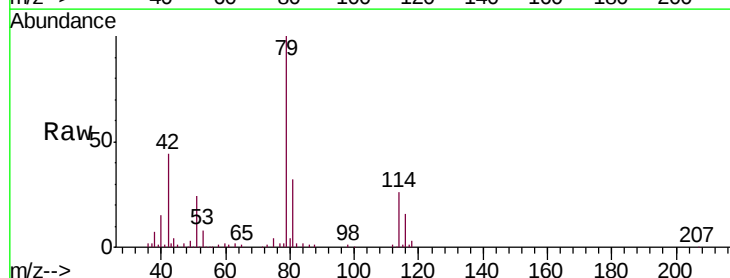
Acq: 15 Sep 2019 13:28

Tgt Ion: 75 Resp: 2862

Ion Ratio Lower Upper

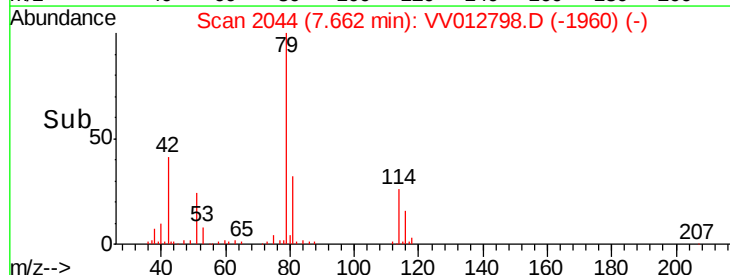
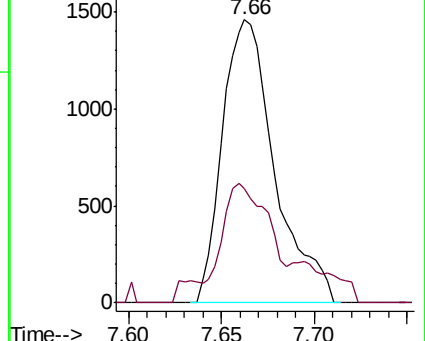
75 100

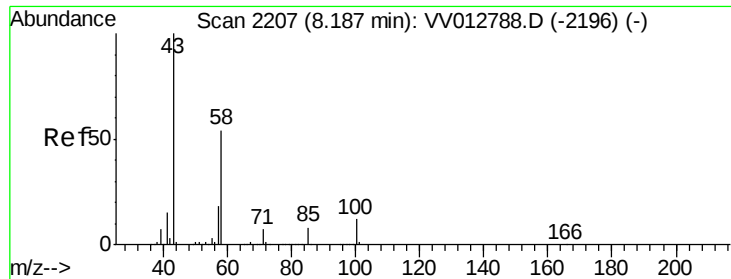
77 40.4 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 5.084 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. -0.00 min

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Tgt Ion: 43 Resp: 62318

Ion Ratio Lower Upper

43 100

58 43.4 44.8 67.2#

57 14.4 14.9 22.3#

100 9.0 9.8 14.8#

