

Data File : VV012808.D
Acq On : 15 Sep 2019 20:35
Operator : SY/MD
Sample : K4865-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJ8

Quant Time: Sep 16 08:18:18 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	401651	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	392163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136952	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203588	7.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	149.40%#
7) Chloroethane-d5	1.58	69	169783	7.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	150.60%#
11) 1,1-Dichloroethene-d2	2.13	63	253333	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.20%
20) 2-Butanone-d5	3.96	46	316005	48.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	4.40	84	325686	6.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.60%#
26) 1,2-Dichloroethane-d4	5.08	65	164886	6.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	139.20%#
32) Benzene-d6	5.09	84	677623	7.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	144.60%#
36) 1,2-Dichloropropane-d6	6.12	67	208176	7.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	140.00%
41) Toluene-d8	7.36	98	542604	6.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.20%
43) trans-1,3-Dichloropropene-	7.66	79	60671	5.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	118.60%
46) 2-Hexanone-d5	8.14	63	180708	46.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	111571	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	175653	7.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	150.00%#

Target Compounds

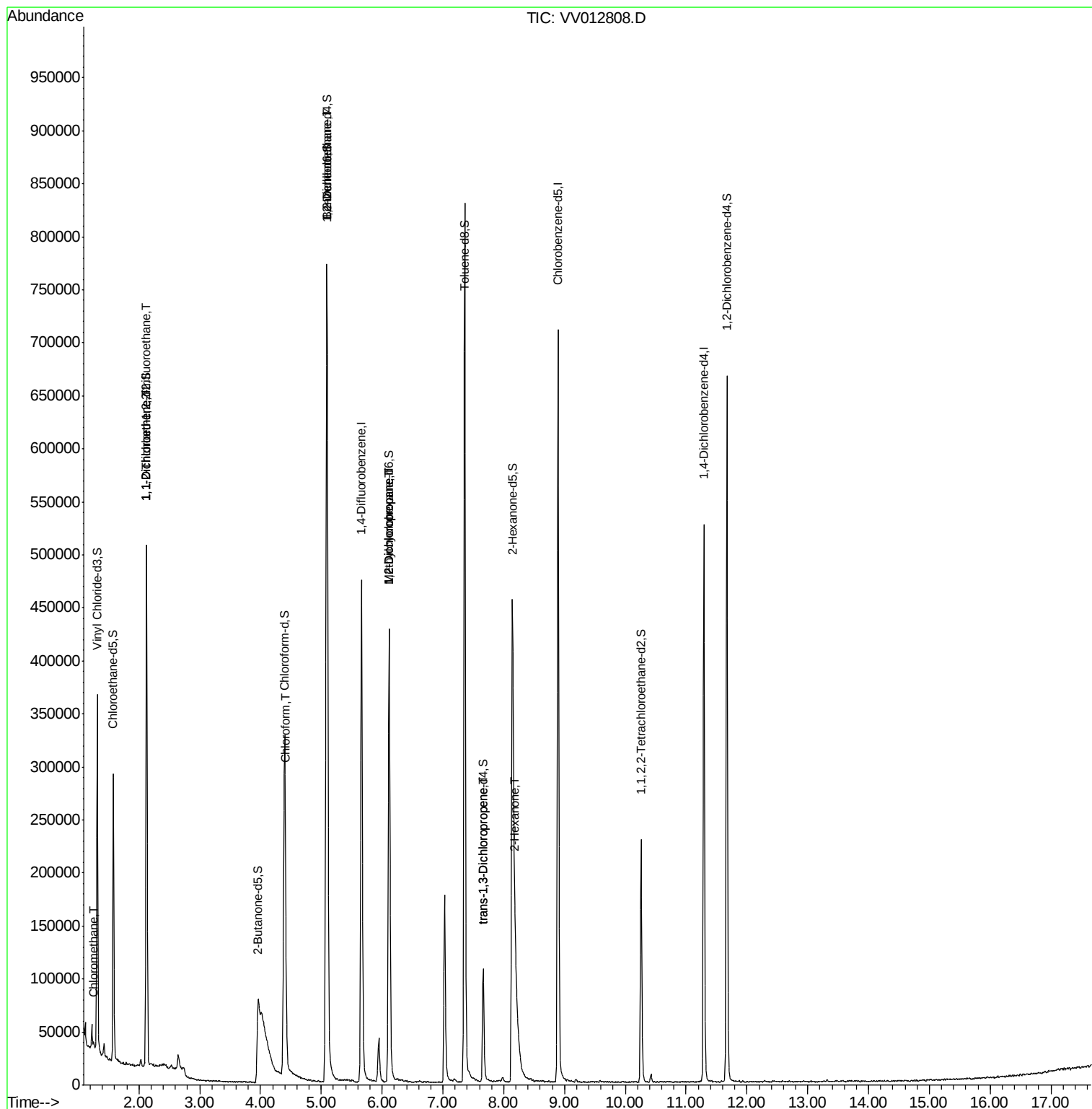
					Qvalue
3) Chloromethane	1.25	50	2462	0.072 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2724	0.104 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2503	0.100 ug/L #	1
25) Chloroform	4.42	83	6056	0.104 ug/L	81
27) 1,2-Dichloroethane	5.09	62	3854	0.126 ug/L	96
35) Methylcyclohexane	6.12	83	49846	1.114 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22168	0.777 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	2663	0.094 ug/L #	64
48) 2-Hexanone	8.19	43	70888	6.260 ug/L #	90

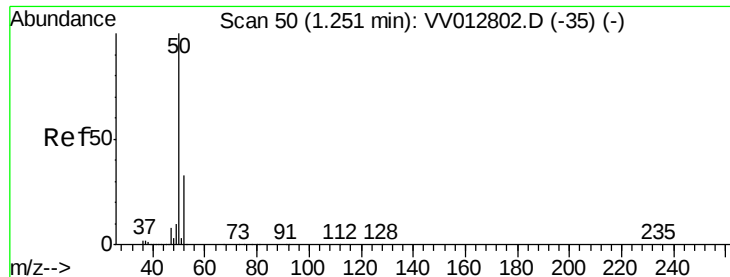
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.072 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV012808.D

Acq: 15 Sep 2019 20:35

Instrument :

MSVOA_V

ClientSampleId :

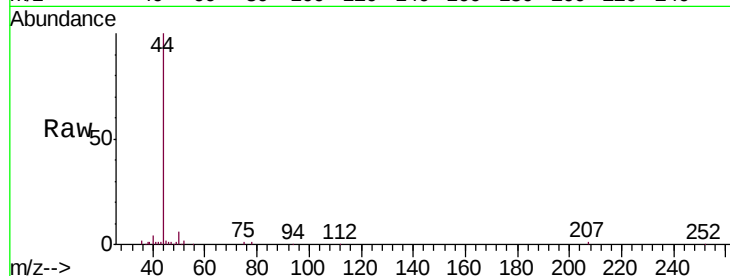
COMJ8

Tgt Ion: 50 Resp: 2462

Ion Ratio Lower Upper

50 100

52 30.6 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV012802.D (-35) (-)

Ion 52.05 (51.75 to 52.75): VV012802.D (-35) (-)

1.25

2000

1500

1000

500

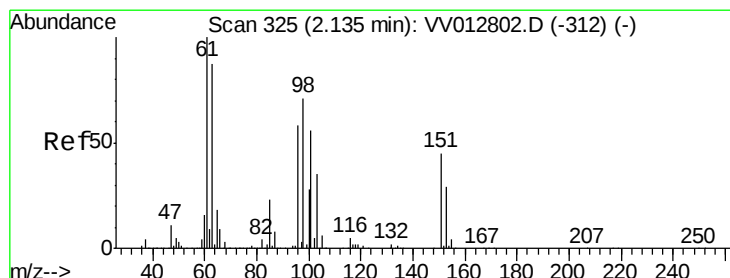
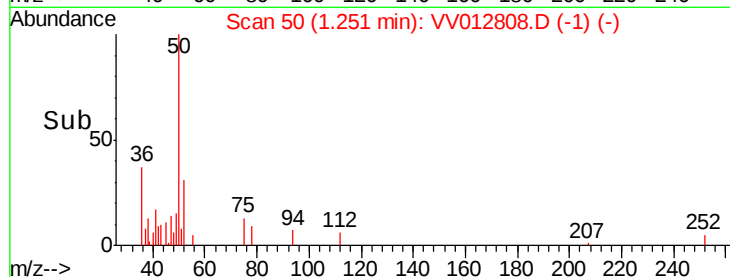
0

Time-->

1.20

1.25

1.30



#10

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

Concen: 0.104 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV012808.D

Acq: 15 Sep 2019 20:35

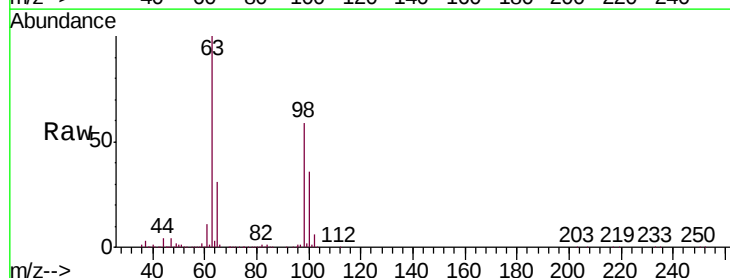
Tgt Ion: 101 Resp: 2724

Ion Ratio Lower Upper

101 100

85 3.9 33.0 49.6#

151 0.0 65.8 98.8#



Abundance Ion 101.00 (100.70 to 101.70): VV012808.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV012808.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV012808.D (-232) (-)

2500

2000

1500

1000

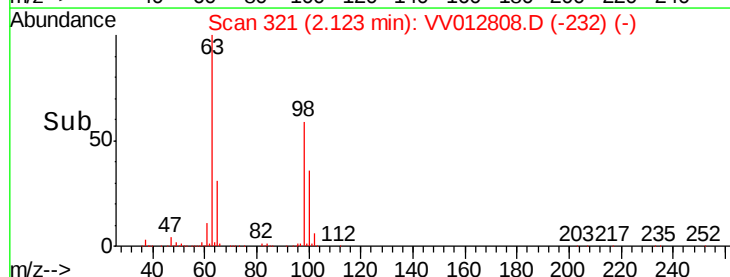
500

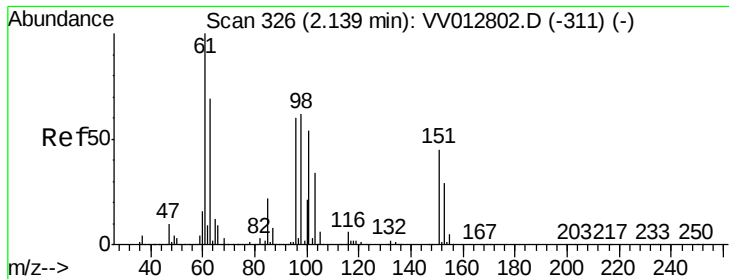
0

Time-->

2.10

2.15





#12

1,1-Dichloroethene

Concen: 0.100 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012808.D

Acq: 15 Sep 2019 20:35

Instrument :

MSVOA_V

ClientSampleId :

COMJ8

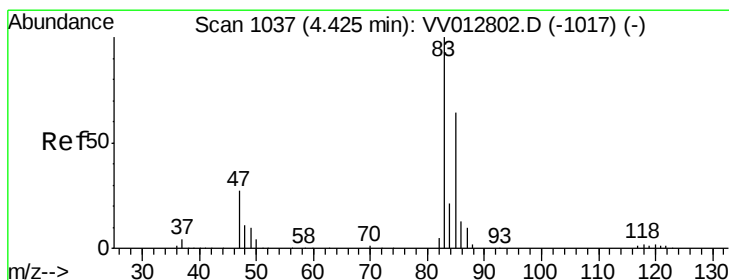
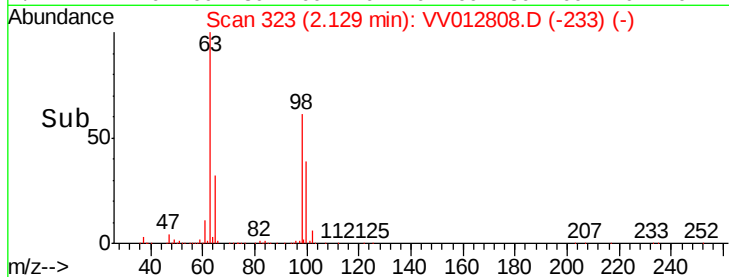
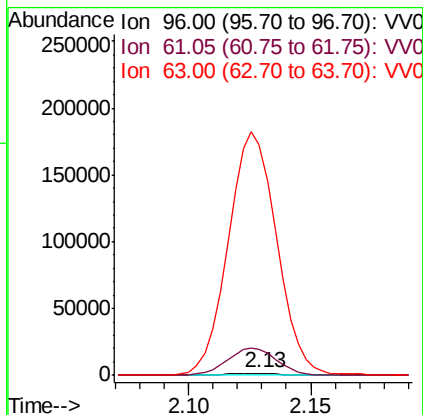
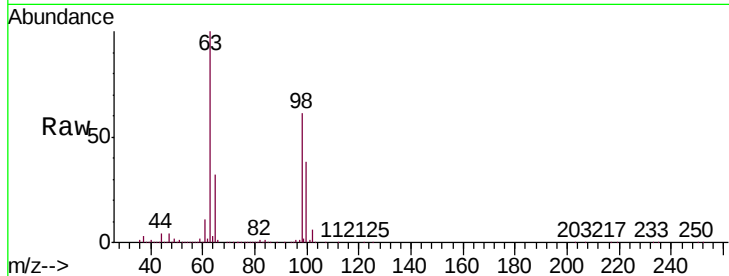
Tgt Ion: 96 Resp: 2503

Ion Ratio Lower Upper

96 100

61 1166.7 115.8 215.0#

63 10190.9 79.4 147.4#



#25

Chloroform

Concen: 0.104 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV012808.D

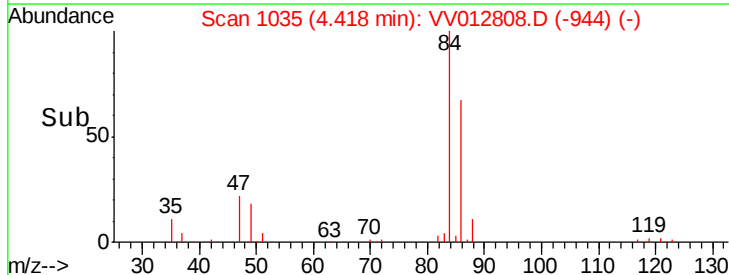
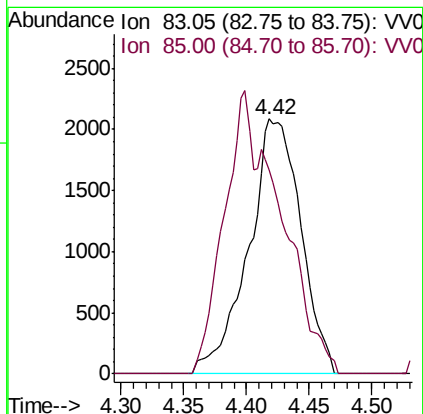
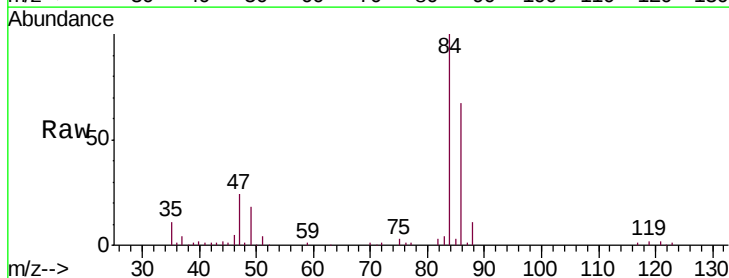
Acq: 15 Sep 2019 20:35

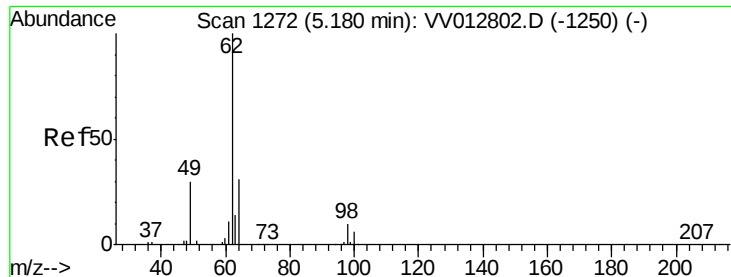
Tgt Ion: 83 Resp: 6056

Ion Ratio Lower Upper

83 100

85 79.8 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.126 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

Lab File: VV012808.D

Acq: 15 Sep 2019 20:35

Instrument :

MSVOA_V

ClientSampleId :

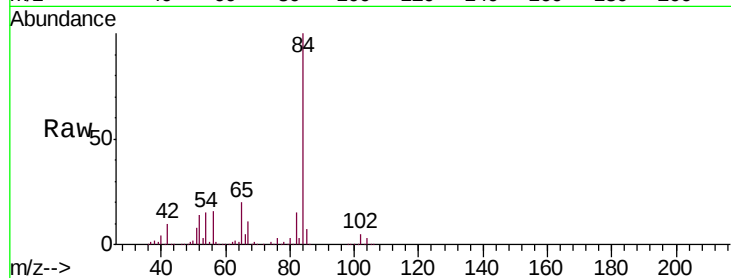
COMJ8

Tgt Ion: 62 Resp: 3854

Ion Ratio Lower Upper

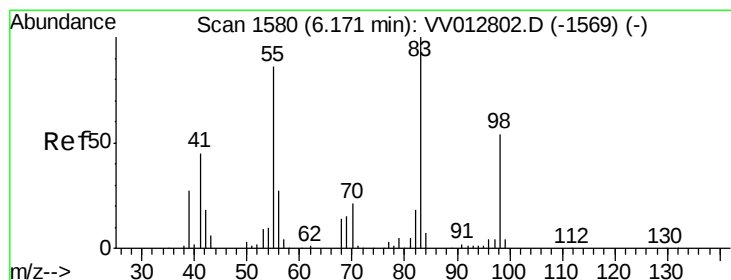
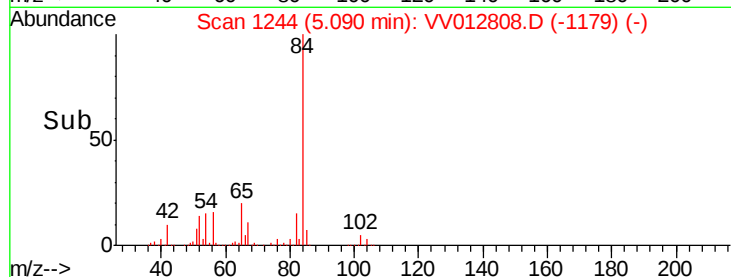
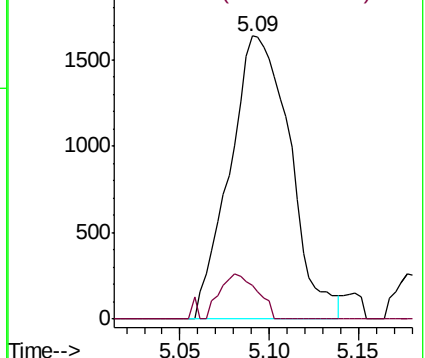
62 100

98 12.0 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 1.114 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012808.D

Acq: 15 Sep 2019 20:35

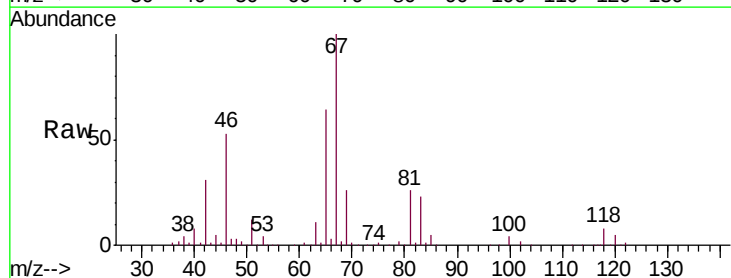
Tgt Ion: 83 Resp: 49846

Ion Ratio Lower Upper

83 100

55 0.6 63.0 94.4#

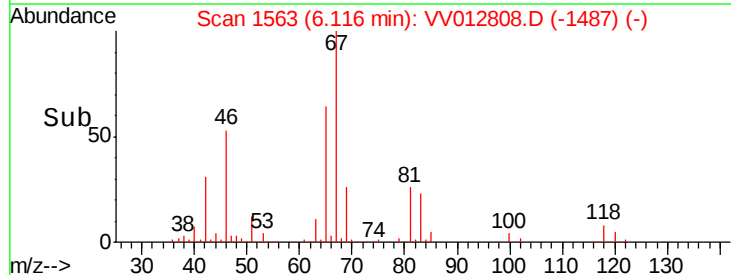
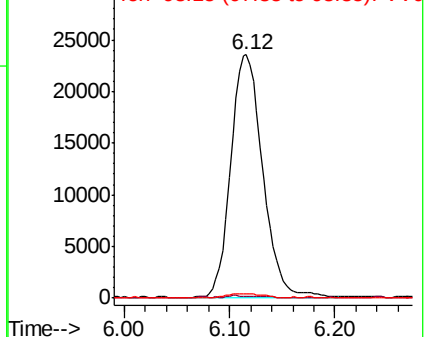
98 0.8 39.8 59.8#

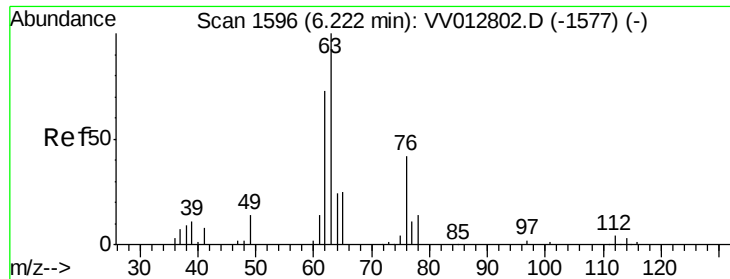


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

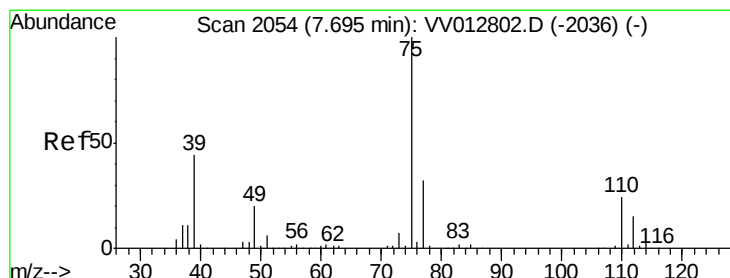
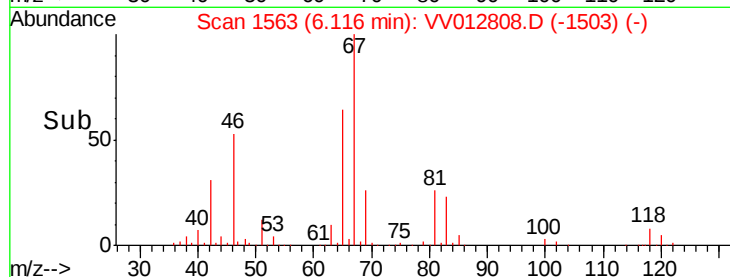
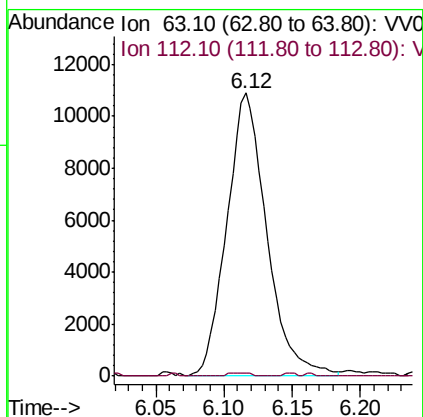
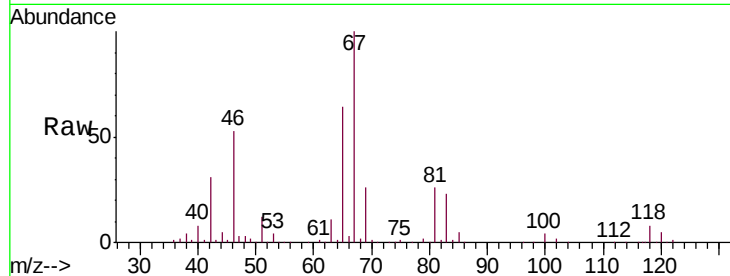




#37
 1,2-Dichloropropane
 Concen: 0.777 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV012808.D
 Acq: 15 Sep 2019 20:35

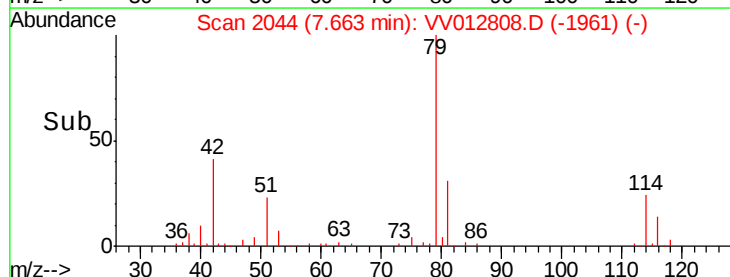
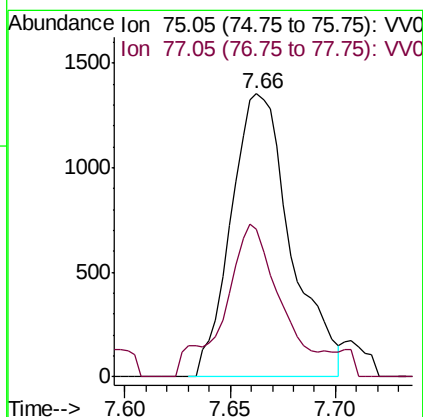
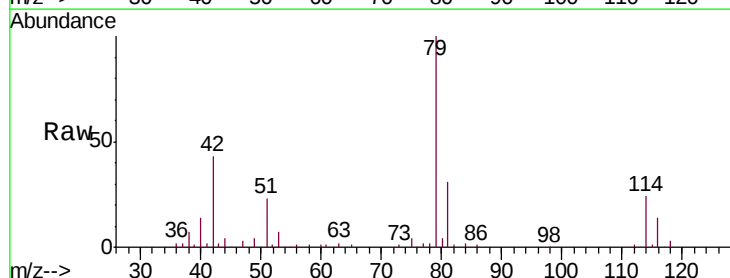
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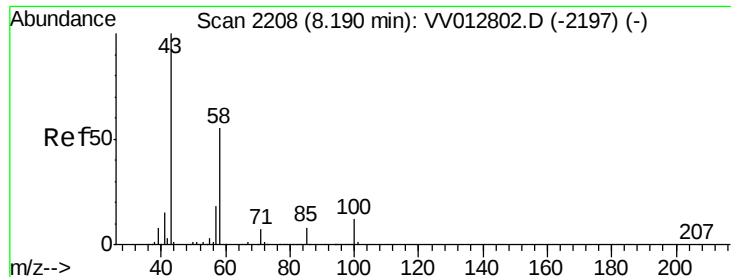
Tgt Ion: 63 Resp: 22168
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012808.D
 Acq: 15 Sep 2019 20:35

Tgt Ion: 75 Resp: 2663
 Ion Ratio Lower Upper
 75 100
 77 52.1 22.4 41.6#





#48

2-Hexanone

Concen: 6.260 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012808.D

Acq: 15 Sep 2019 20:35

Instrument :
MSVOA_V
ClientSampleId :
COMJ8

Tgt Ion: 43 Resp: 70888

Ion Ratio Lower Upper

43 100

58 48.4 44.8 67.2

57 16.7 14.9 22.3

100 6.8 9.8 14.8#

