

Data File : VV012805.D
Acq On : 15 Sep 2019 19:16
Operator : SY/MD
Sample : K4834-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMJ3

Quant Time: Sep 16 08:17:43 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	377634	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	366626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	132539	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194002	7.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	151.40%#
7) Chloroethane-d5	1.58	69	168444	7.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	159.00%#
11) 1,1-Dichloroethene-d2	2.13	63	236739	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.40%
20) 2-Butanone-d5	3.99	46	435592	70.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.32%#
24) Chloroform-d	4.40	84	327167	7.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	140.60%#
26) 1,2-Dichloroethane-d4	5.08	65	177051	7.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	159.00%#
32) Benzene-d6	5.09	84	661948	7.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	151.00%#
36) 1,2-Dichloropropane-d6	6.12	67	208569	7.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	150.00%#
41) Toluene-d8	7.36	98	519861	6.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.40%#
43) trans-1,3-Dichloropropene-	7.66	79	65551	6.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	137.00%#
46) 2-Hexanone-d5	8.14	63	233087	64.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	122222	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.40%#
64) 1,2-Dichlorobenzene-d4	11.67	152	177380	7.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	156.40%#

Target Compounds

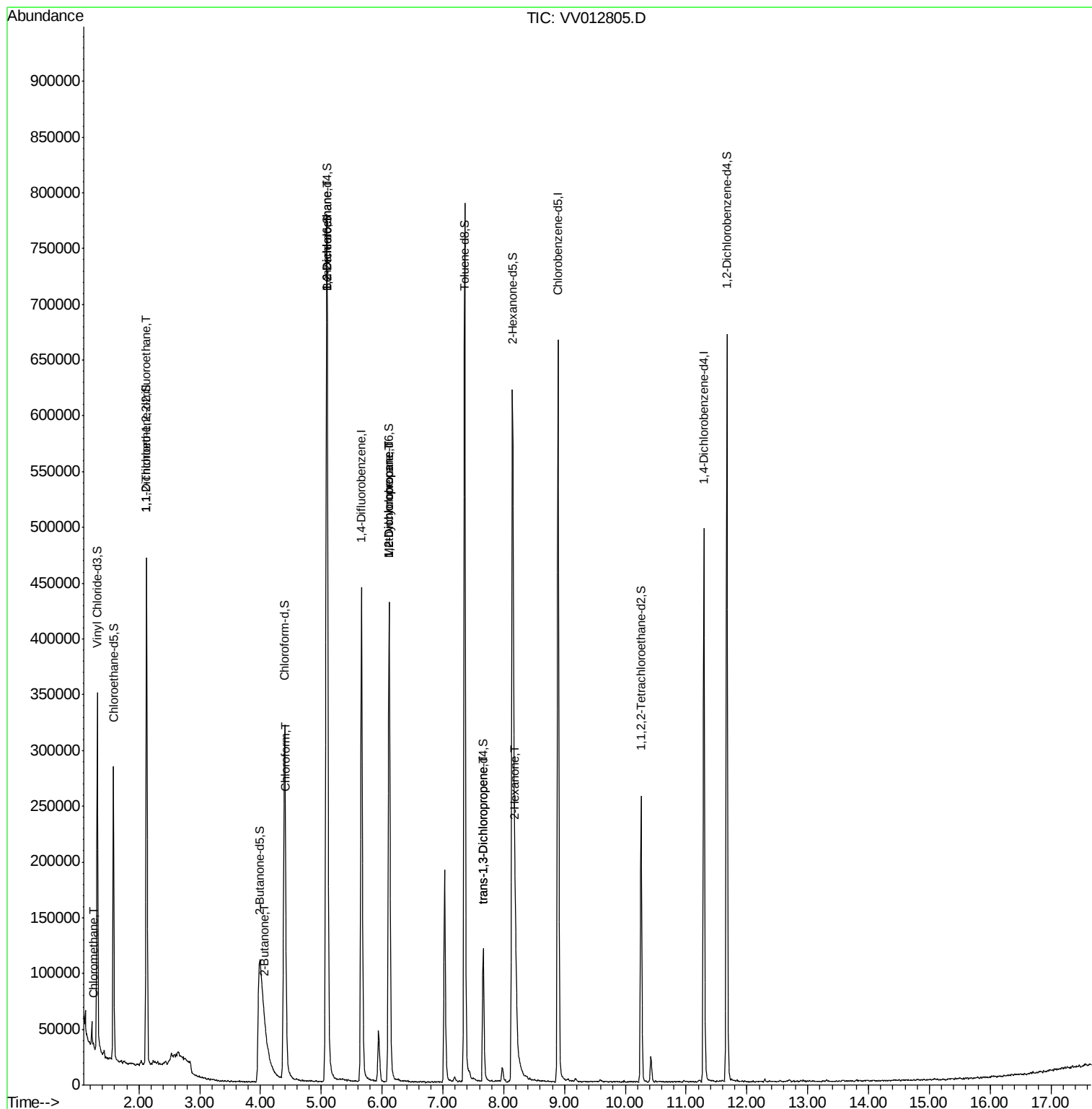
						Qvalue
3) Chloromethane	1.25	50	3302	0.103	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2574	0.105	ug/L #	20
21) 2-Butanone	4.08	43	5414	0.874	ug/L	75
25) Chloroform	4.42	83	6105	0.112	ug/L	80
27) 1,2-Dichloroethane	5.10	62	3909	0.136	ug/L	97
35) Methylcyclohexane	6.12	83	50851	1.215	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	22358	0.838	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2930	0.111	ug/L #	67
48) 2-Hexanone	8.19	43	85576	8.084	ug/L #	85

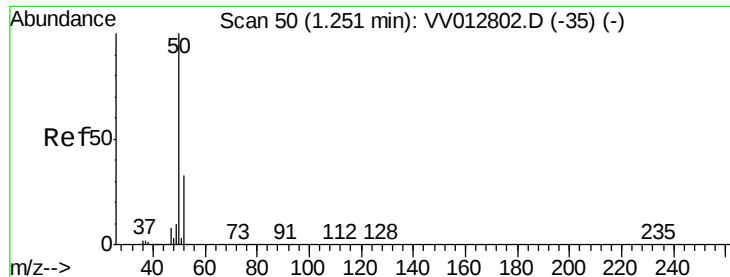
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.103 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV012805.D

Acq: 15 Sep 2019 19:16

Instrument :

MSVOA_V

ClientSampled :

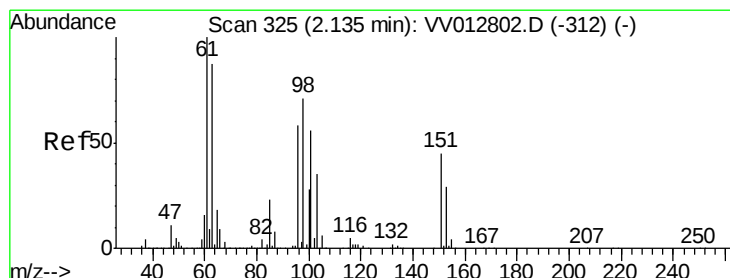
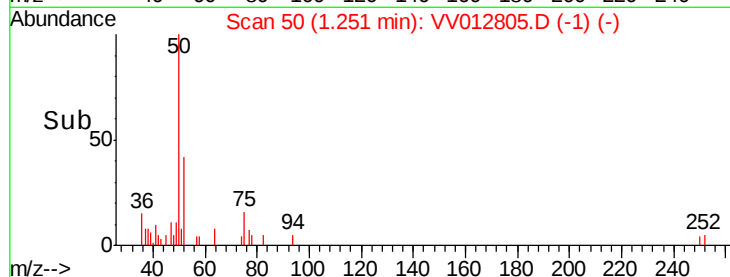
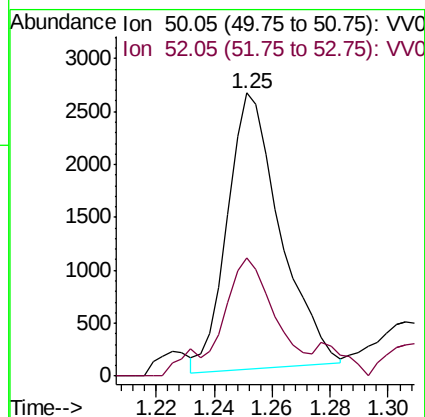
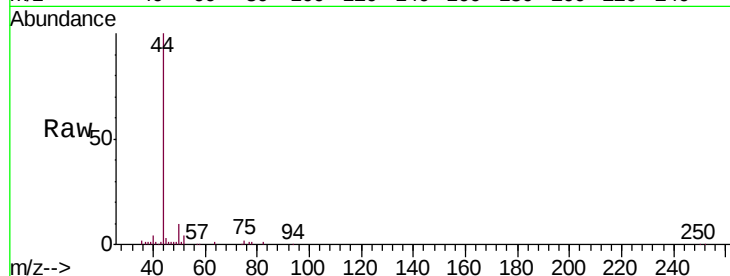
COMJ3

Tgt Ion: 50 Resp: 3302

Ion Ratio Lower Upper

50 100

52 41.8 22.9 42.5



#10

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

Concen: 0.105 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012805.D

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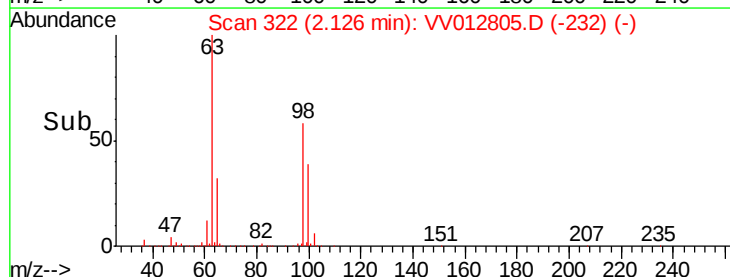
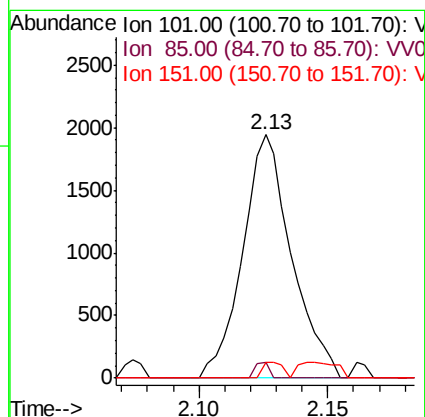
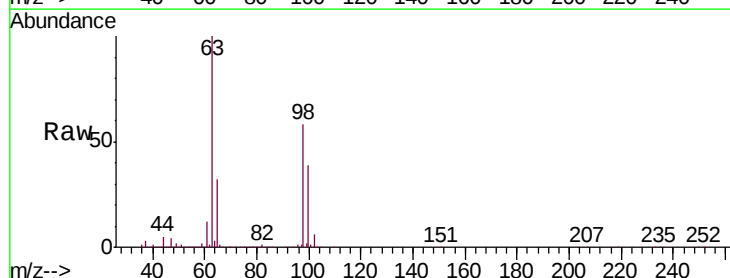
Tgt Ion: 101 Resp: 2574

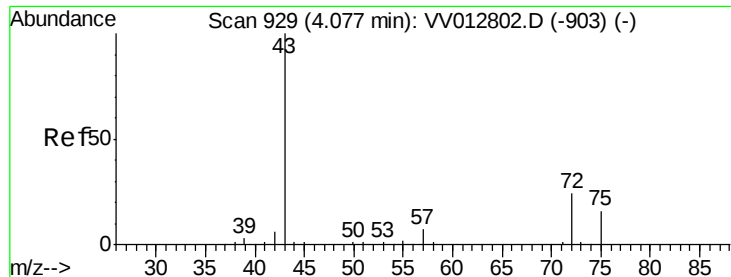
Ion Ratio Lower Upper

101 100

85 1.8 33.0 49.6#

151 2.7 65.8 98.8#





#21

2-Butanone

Concen: 0.874 ug/L

RT: 4.08 min Scan# 929

Delta R.T. 0.00 min

Lab File: VV012805.D

Acq: 15 Sep 2019 19:16

Instrument :

MSVOA_V

ClientSampled :

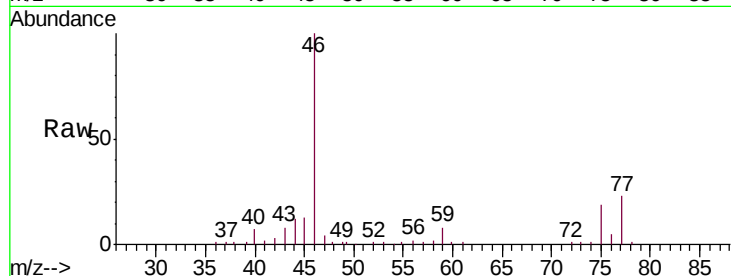
COMJ3

Tgt Ion: 43 Resp: 5414

Ion Ratio Lower Upper

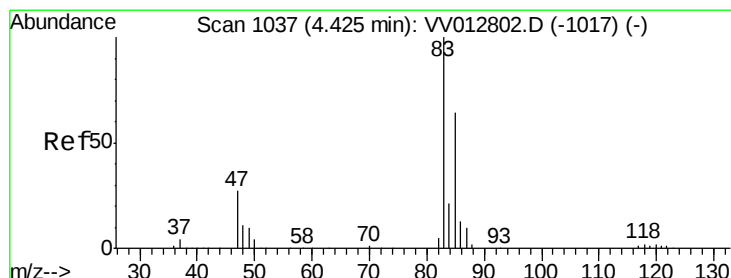
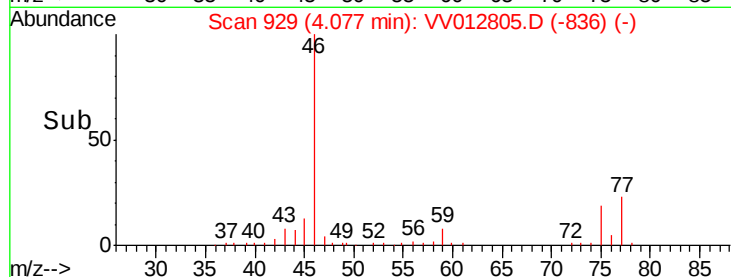
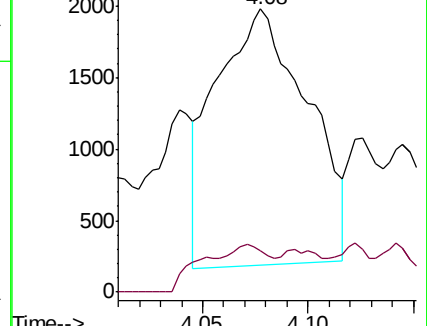
43 100

72 13.4 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#25

Chloroform

Concen: 0.112 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV012805.D

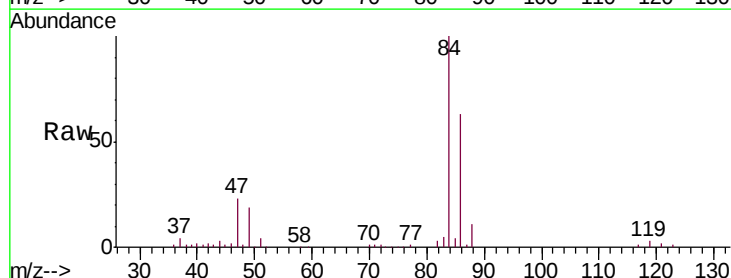
Acq: 15 Sep 2019 19:16

Tgt Ion: 83 Resp: 6105

Ion Ratio Lower Upper

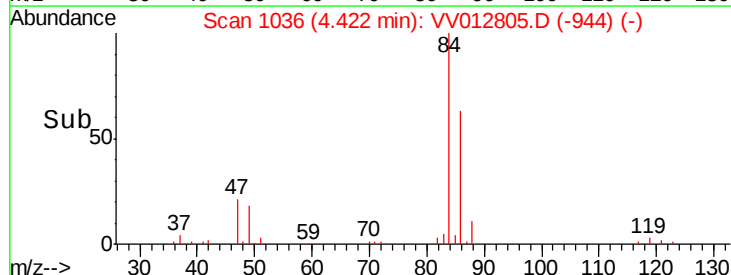
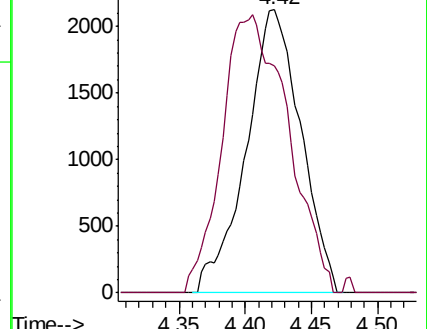
83 100

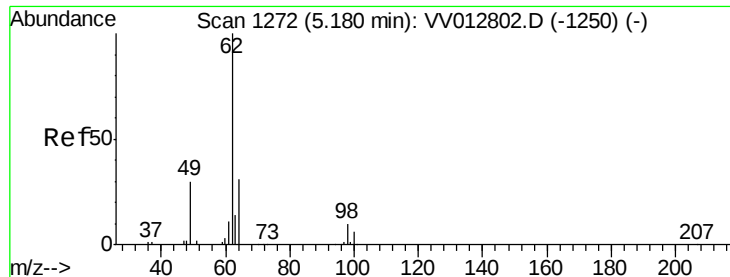
85 80.2 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.136 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV012805.D

Acq: 15 Sep 2019 19:16

Instrument :

MSVOA_V

ClientSampled :

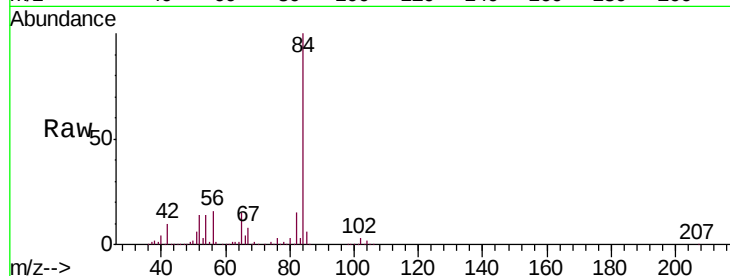
COMJ3

Tgt Ion: 62 Resp: 3909

Ion Ratio Lower Upper

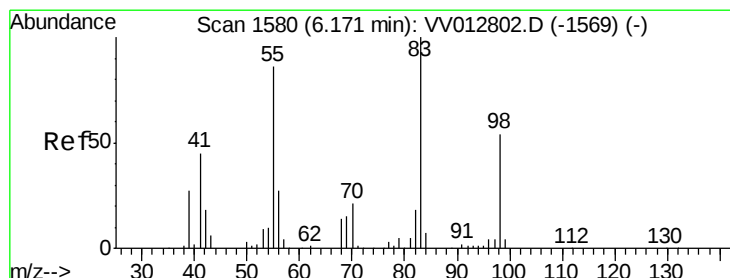
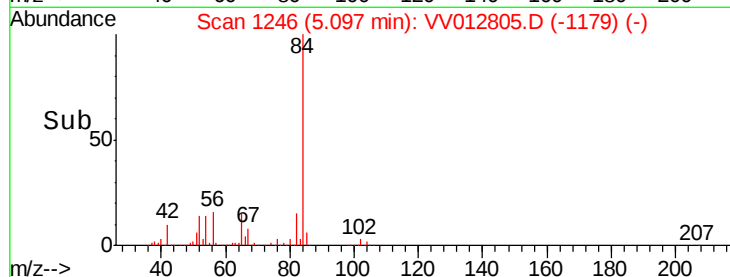
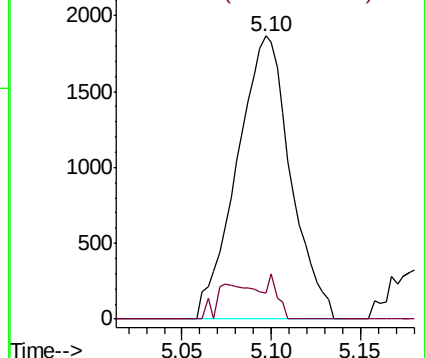
62 100

98 9.4 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: 1.215 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012805.D

Acq: 15 Sep 2019 19:16

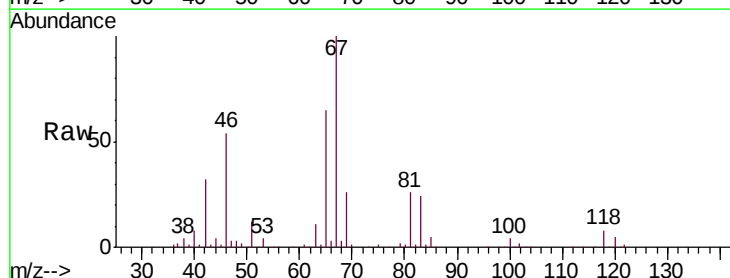
Tgt Ion: 83 Resp: 50851

Ion Ratio Lower Upper

83 100

55 0.5 63.0 94.4#

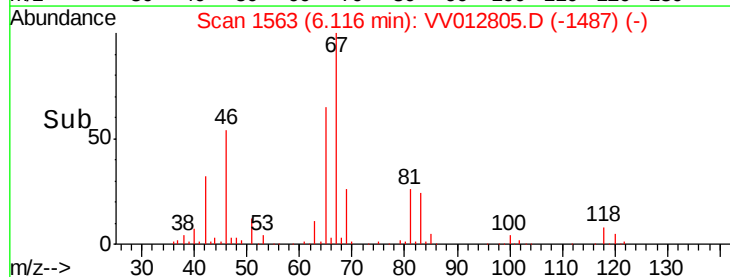
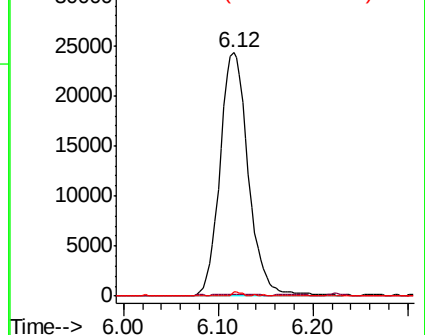
98 0.0 39.8 59.8#

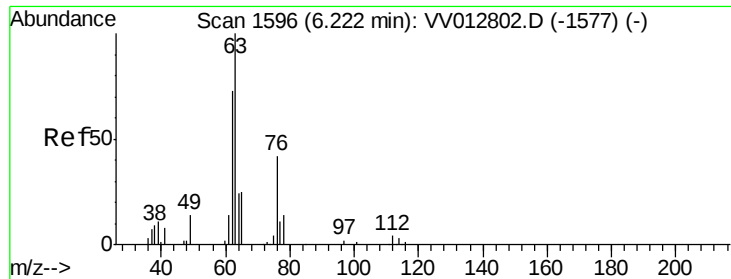


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

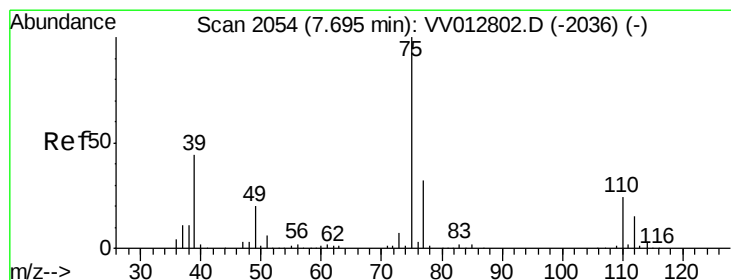
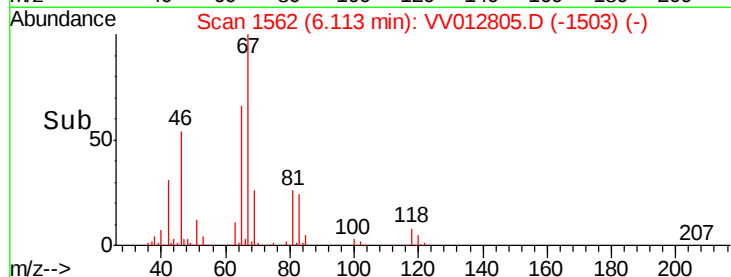
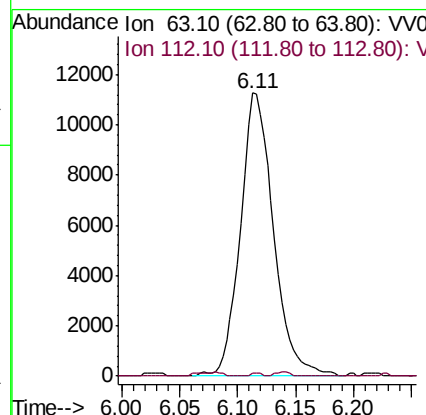
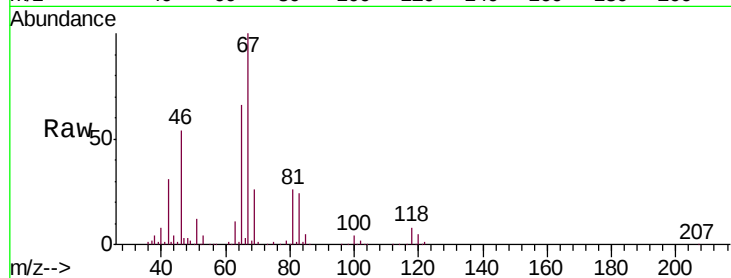




#37
 1,2-Dichloropropane
 Concen: 0.838 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012805.D
 Acq: 15 Sep 2019 19:16

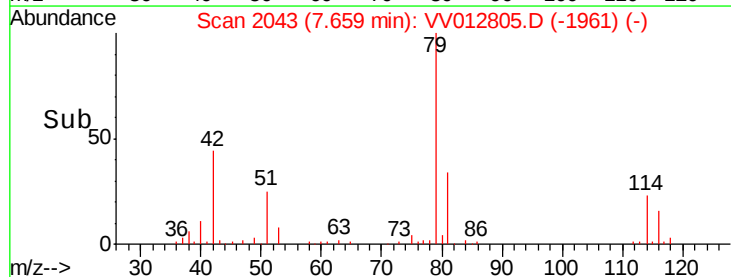
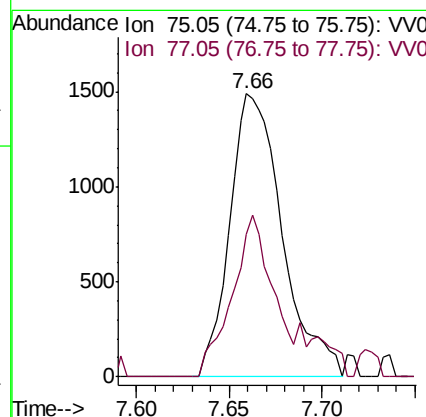
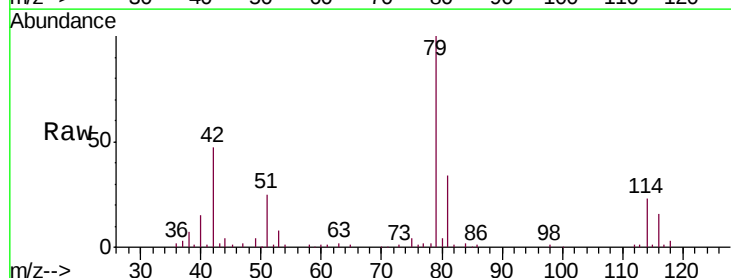
Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ3

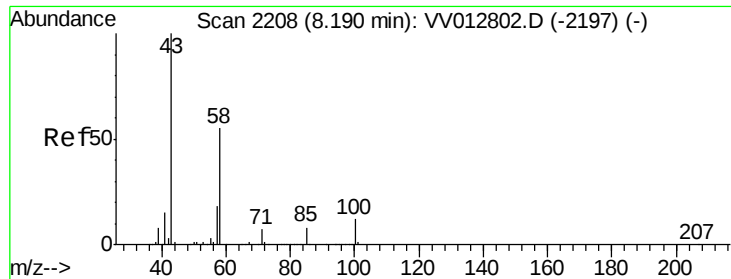
Tgt Ion: 63 Resp: 22358
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.04 min
 Lab File: VV012805.D
 Acq: 15 Sep 2019 19:16

Tgt Ion: 75 Resp: 2930
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.4 41.6#





#48

2-Hexanone

Concen: 8.084 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV012805.D

Acq: 15 Sep 2019 19:16

Instrument :

MSVOA_V

ClientSampleId :

COMJ3

Tgt Ion: 43 Resp: 85576

Ion Ratio Lower Upper

43 100

58 41.0 44.8 67.2#

57 17.4 14.9 22.3

100 7.7 9.8 14.8#

