

Data File : VV012814.D
Acq On : 15 Sep 2019 23:14
Operator : SY/MD
Sample : K4865-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COML5

Quant Time: Sep 16 08:19:28 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	381814	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	379700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	129980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	205418	7.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	158.60%#
7) Chloroethane-d5	1.58	69	174384	8.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	162.80%#
11) 1,1-Dichloroethene-d2	2.13	63	249422	5.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.20%
20) 2-Butanone-d5	3.95	46	386325	61.98	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.96%
24) Chloroform-d	4.40	84	328997	6.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	139.80%#
26) 1,2-Dichloroethane-d4	5.08	65	174563	7.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	155.00%#
32) Benzene-d6	5.10	84	676622	7.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	149.20%#
36) 1,2-Dichloropropane-d6	6.12	67	208334	7.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	144.60%#
41) Toluene-d8	7.36	98	526169	6.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.40%
43) trans-1,3-Dichloropropene-	7.66	79	63532	6.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	128.20%
46) 2-Hexanone-d5	8.14	63	224642	59.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	123569	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	176660	7.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	158.80%#

Target Compounds

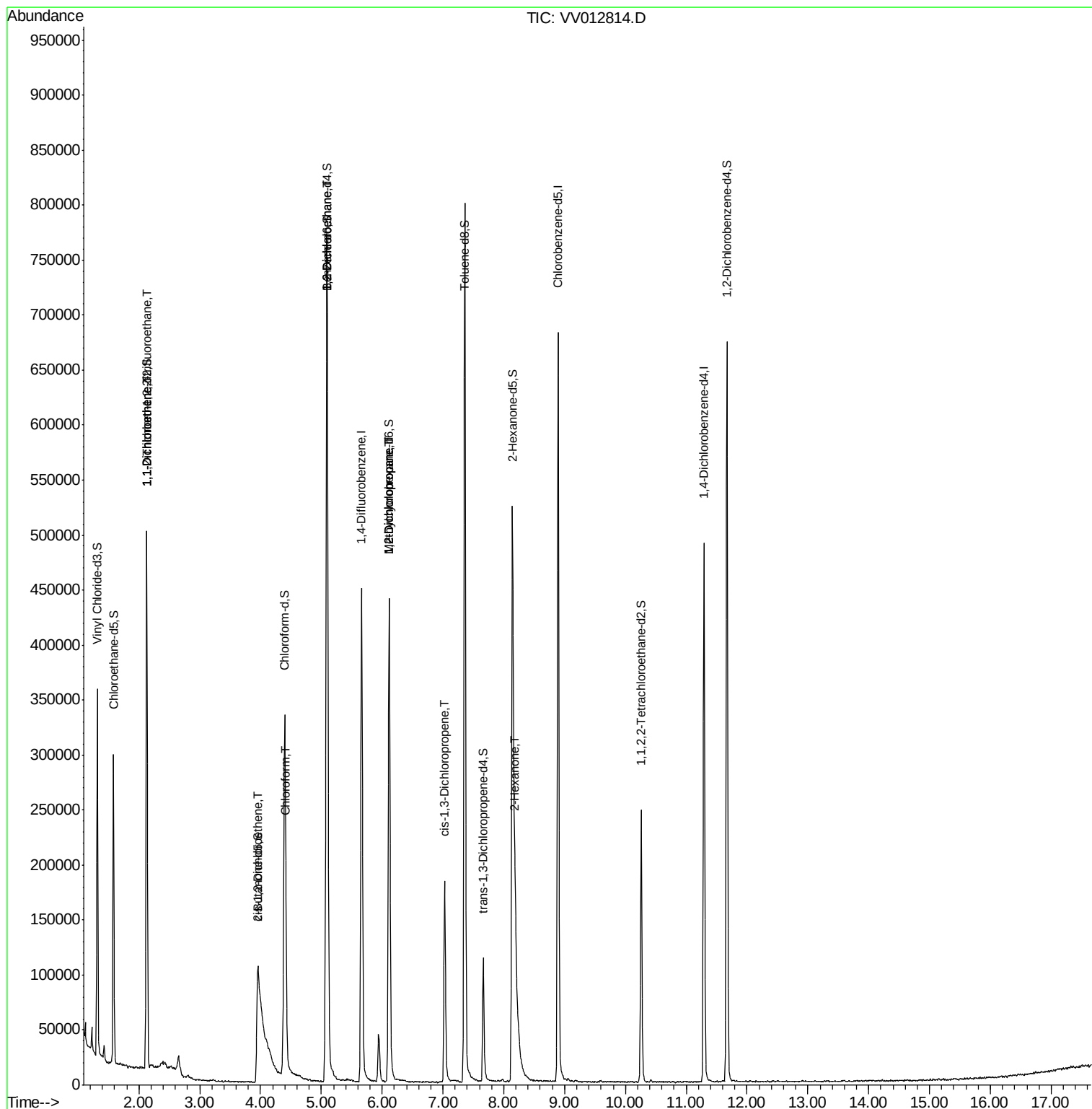
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2359	0.095	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	2872	0.121	ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	1783	0.062	ug/L	79
25) Chloroform	4.42	83	18565	0.336	ug/L	93
27) 1,2-Dichloroethane	5.10	62	3657	0.126	ug/L	96
35) Methylcyclohexane	6.12	83	50435	1.164	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22789	0.825	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4662	0.129	ug/L #	79
48) 2-Hexanone	8.19	43	87184	7.952	ug/L #	83

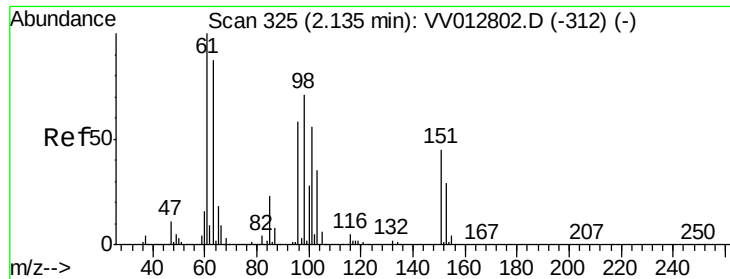
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.095 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012814.D

Acq: 15 Sep 2019 23:14

Instrument :

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ClientSampleId :

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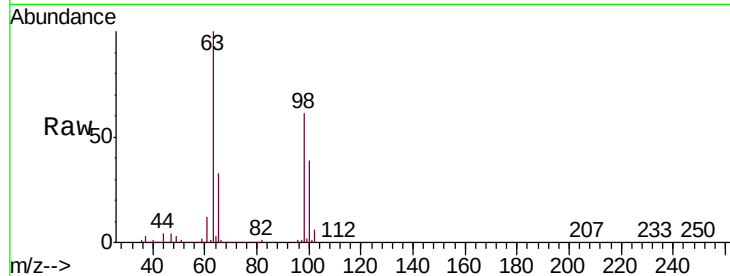
Tgt Ion: 101 Resp: 2359

Ion Ratio Lower Upper

101 100

85 1.9 33.0 49.6#

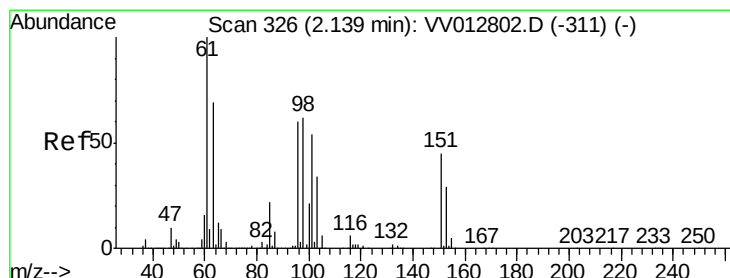
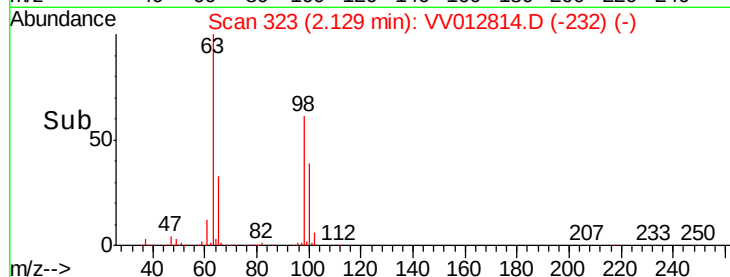
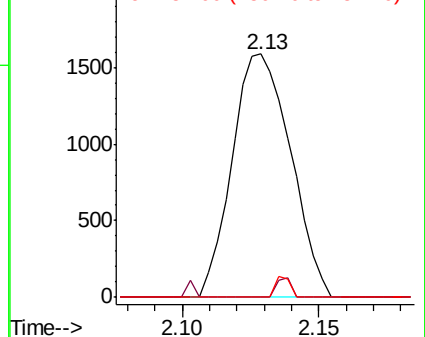
151 2.1 65.8 98.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.121 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012814.D

Acq: 15 Sep 2019 23:14

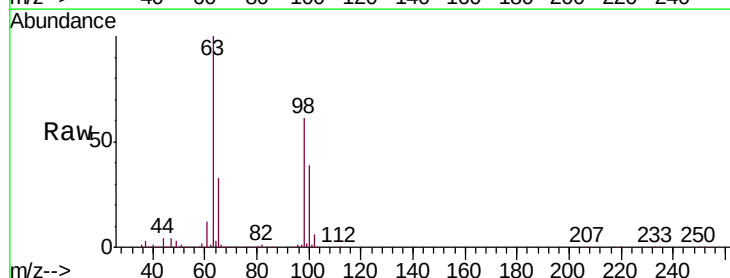
Tgt Ion: 96 Resp: 2872

Ion Ratio Lower Upper

96 100

61 1234.2 115.8 215.0#

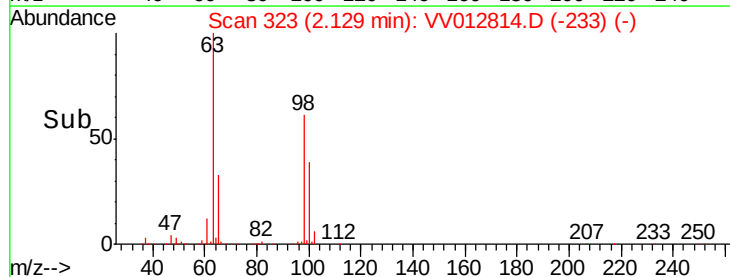
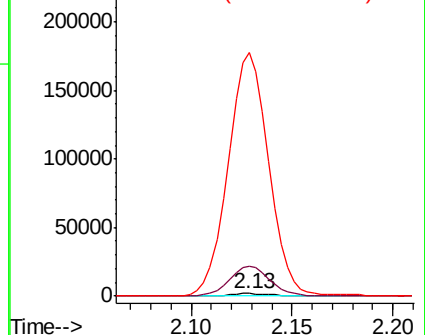
63 9938.4 79.4 147.4#

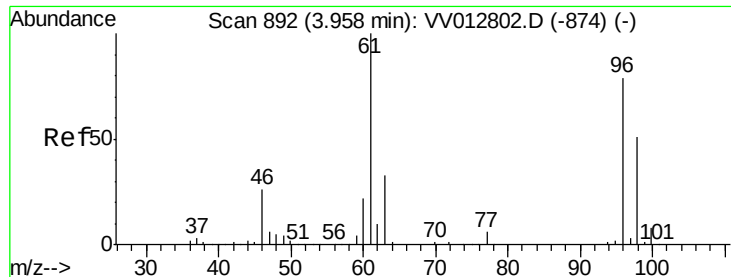


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



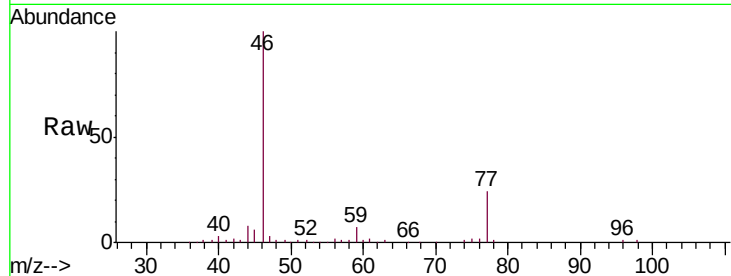


#22

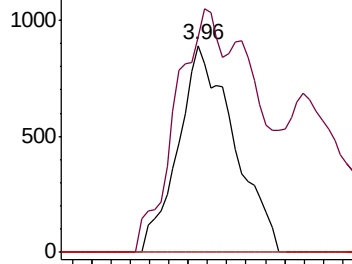
cis-1,2-Dichloroethene
 Concen: 0.062 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV012814.D
 Acq: 15 Sep 2019 23:14

Instrument :
 MSVOA_V
 ClientSampleId :
 COML5

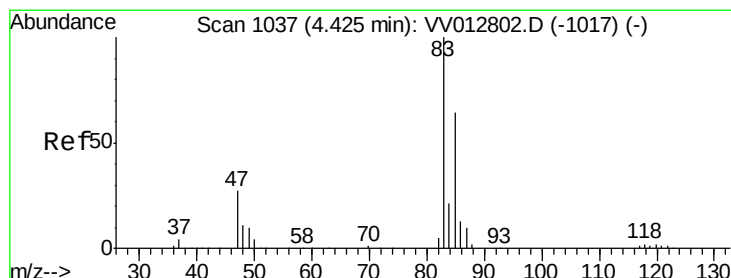
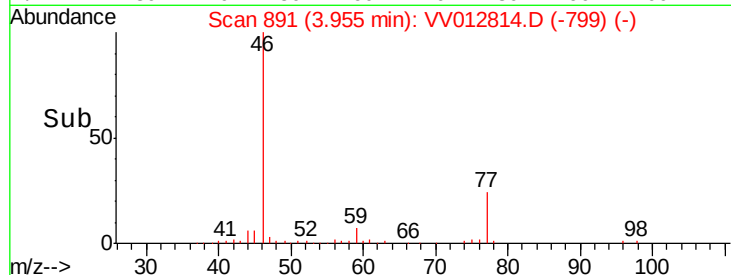
Tgt Ion: 96 Resp: 1783
 Ion Ratio Lower Upper
 96 100
 61 103.9 89.7 166.5
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



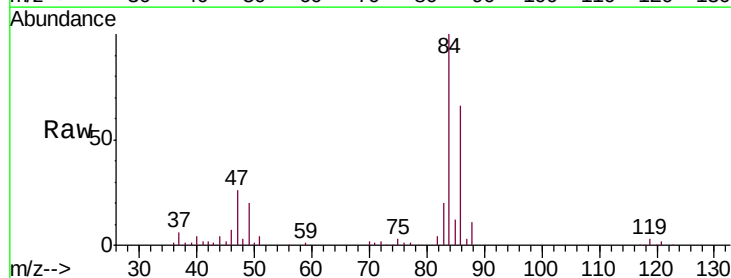
Time-->



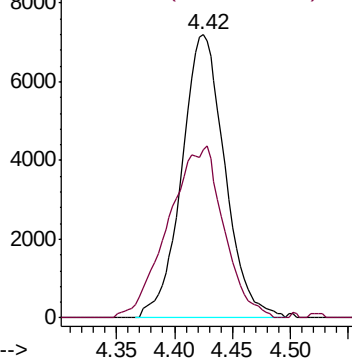
#25

Chloroform
 Concen: 0.336 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VV012814.D
 Acq: 15 Sep 2019 23:14

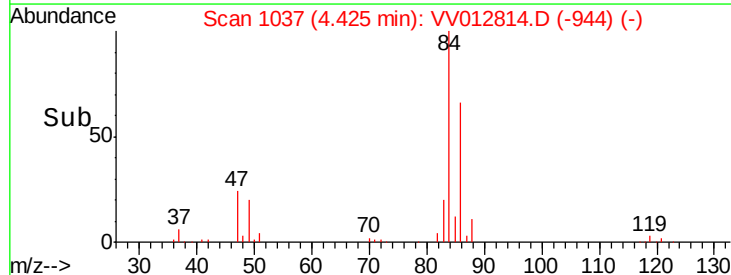
Tgt Ion: 83 Resp: 18565
 Ion Ratio Lower Upper
 83 100
 85 59.4 45.3 84.1

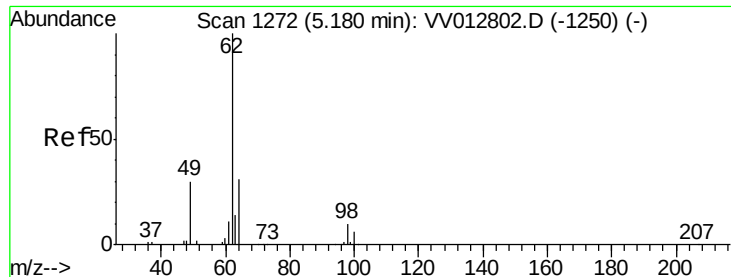


Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0



Time-->





#27

1,2-Dichloroethane

Concen: 0.126 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV012814.D

Acq: 15 Sep 2019 23:14

Instrument :

MSVOA_V

ClientSampleId :

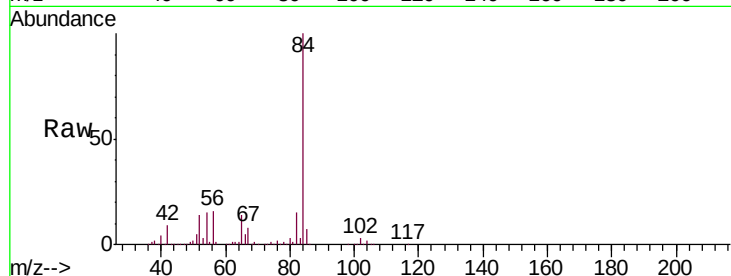
COML5

Tgt Ion: 62 Resp: 3657

Ion Ratio Lower Upper

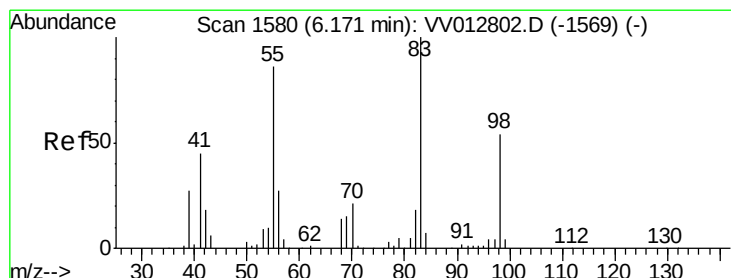
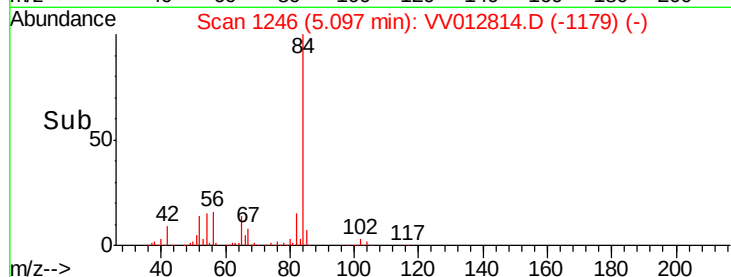
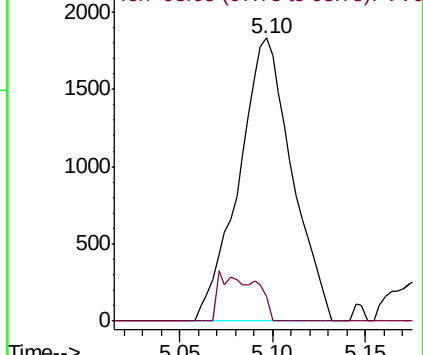
62 100

98 8.9 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: 1.164 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012814.D

Acq: 15 Sep 2019 23:14

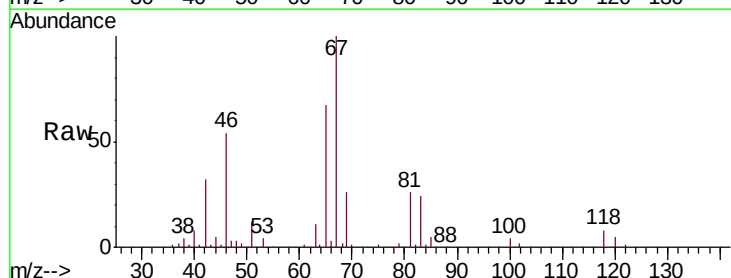
Tgt Ion: 83 Resp: 50435

Ion Ratio Lower Upper

83 100

55 0.6 63.0 94.4#

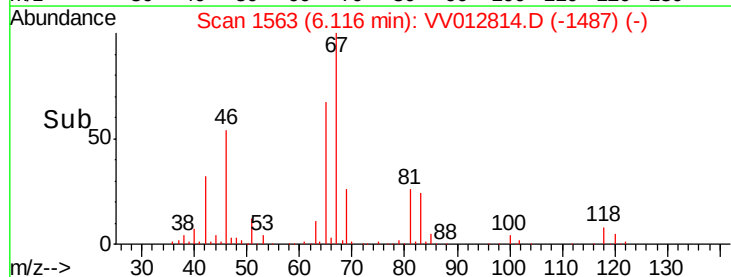
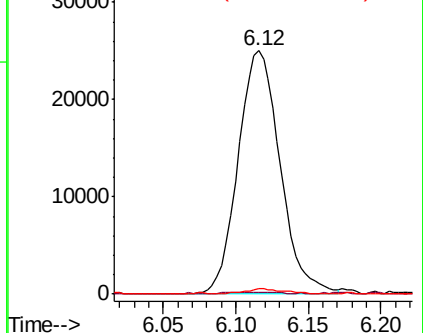
98 2.0 39.8 59.8#

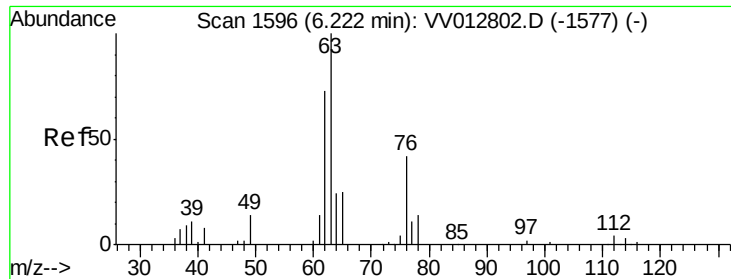


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

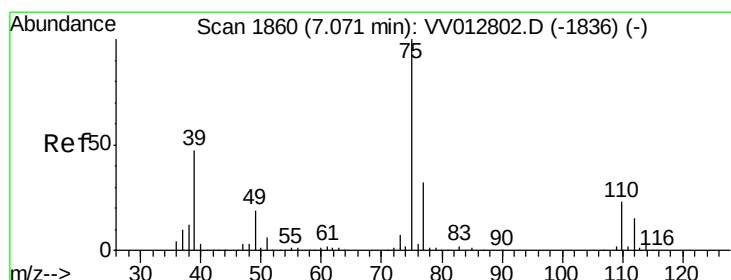
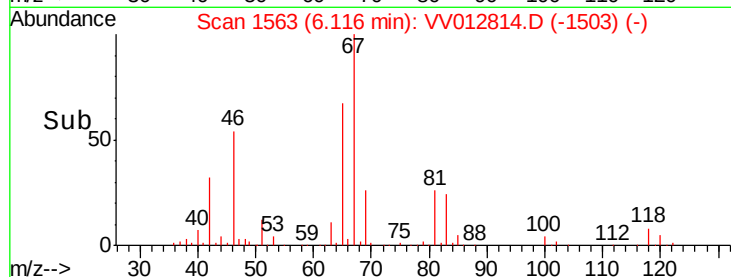
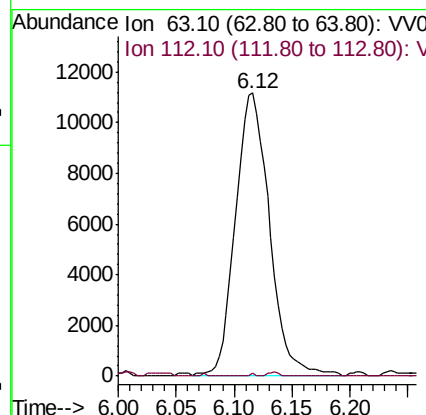
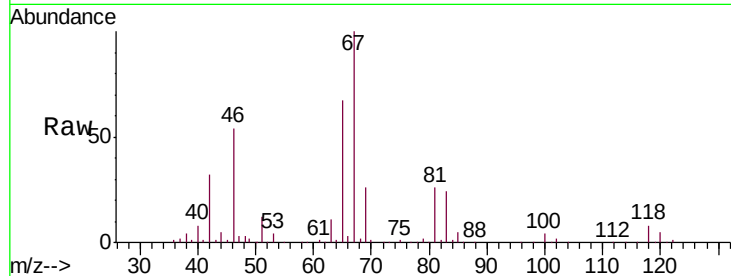




#37
 1,2-Dichloropropane
 Concen: 0.825 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV012814.D
 Acq: 15 Sep 2019 23:14

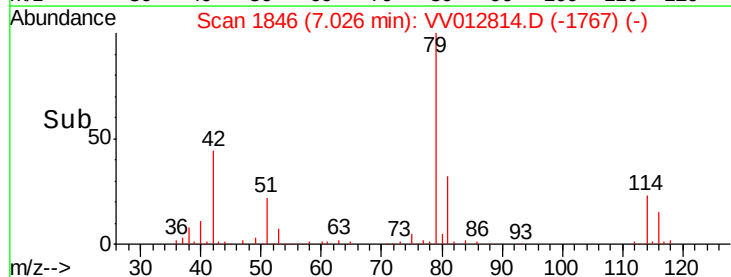
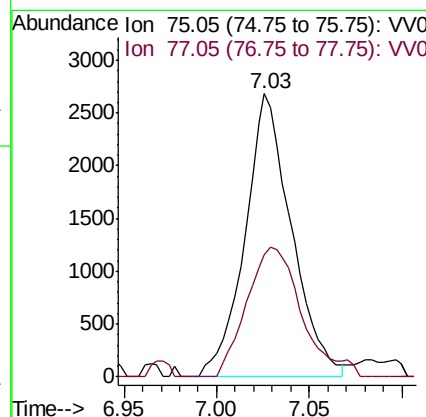
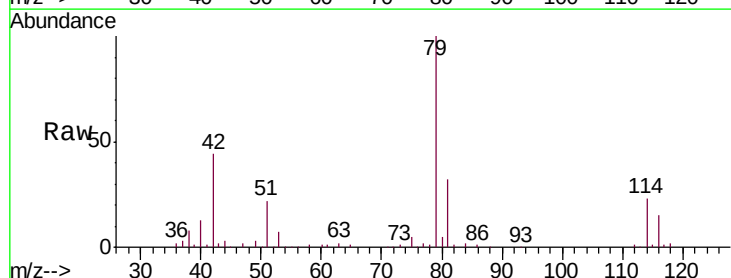
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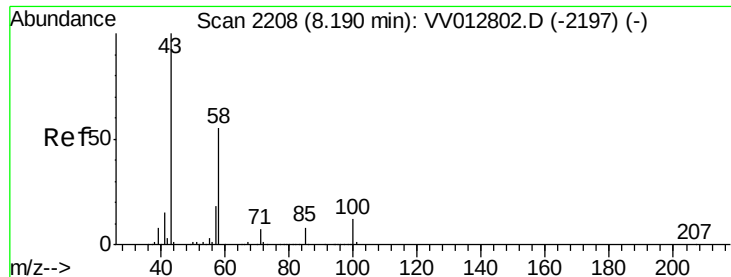
Tgt Ion: 63 Resp: 22789
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV012814.D
 Acq: 15 Sep 2019 23:14

Tgt Ion: 75 Resp: 4662
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.3 41.3#





#48
 2-Hexanone
 Concen: 7.952 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VV012814.D
 Acq: 15 Sep 2019 23:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ML5

Tgt Ion: 43 Resp: 87184
 Ion Ratio Lower Upper
 43 100
 58 41.1 44.8 67.2#
 57 13.8 14.9 22.3#
 100 8.8 9.8 14.8#

