

Data File : VV012461.D
Acq On : 30 Aug 2019 18:08
Operator : SY/MD
Sample : K4501-09DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM4DL

Quant Time: Aug 31 01:41:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 01:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158172	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	50990	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41494	2.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.80%
7) Chloroethane-d5	1.58	69	39799	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.13	63	57209	2.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.40%#
20) 2-Butanone-d5	3.97	46	163632	56.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.90%
24) Chloroform-d	4.40	84	110148	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	59204	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	192541	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	68780	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	135115	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
43) trans-1,3-Dichloropropene-	7.67	79	19852	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.14	63	98899	48.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53949	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	45590	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

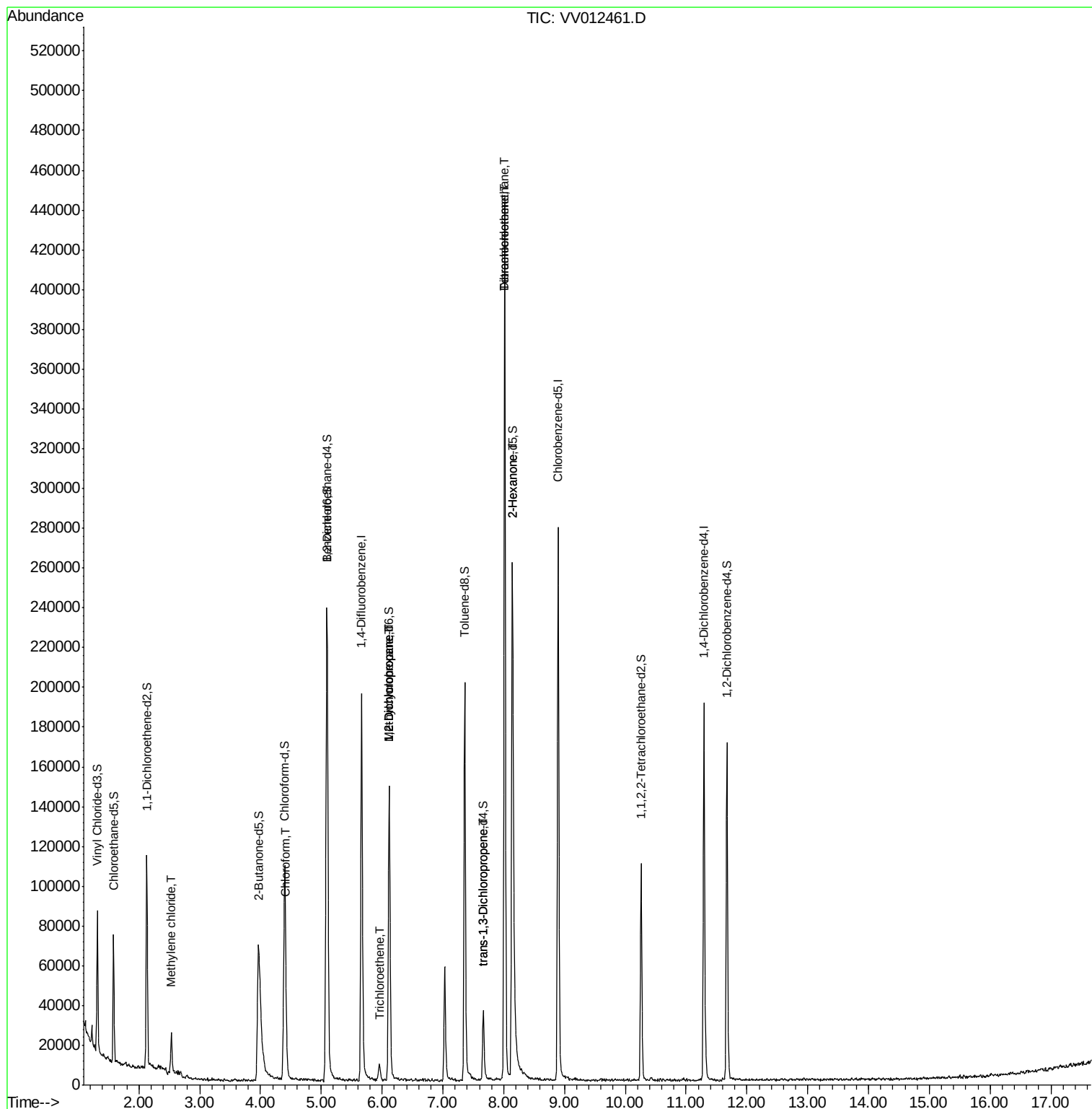
						Qvalue
16) Methylene chloride	2.53	84	7902	0.577	ug/L	95
25) Chloroform	4.42	83	3997	0.127	ug/L	86
34) Trichloroethene	5.96	95	1631	0.101	ug/L	92
35) Methylcyclohexane	6.12	83	16857	0.684	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8187	0.494	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1175	0.070	ug/L	86
47) Tetrachloroethene	8.02	164	99122	7.641	ug/L	99
48) 2-Hexanone	8.14	43	13958	2.180	ug/L #	78
49) Dibromochloromethane	8.02	129	87709	6.923	ug/L #	11

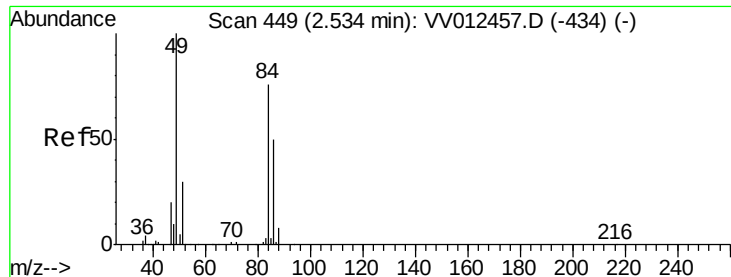
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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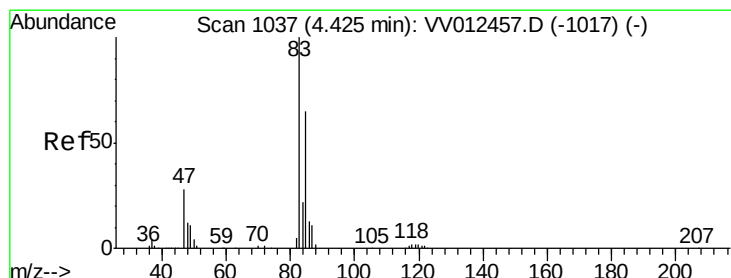
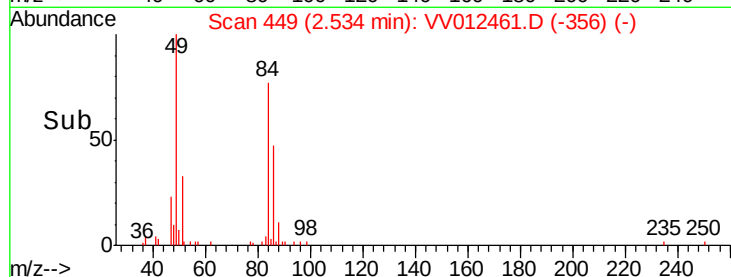
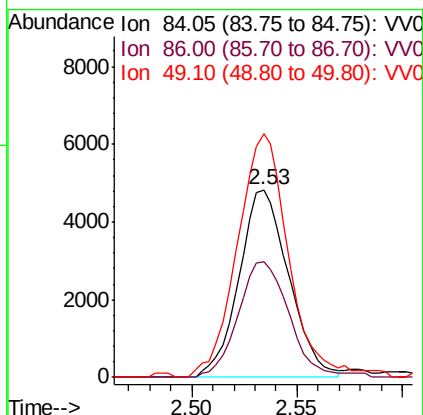
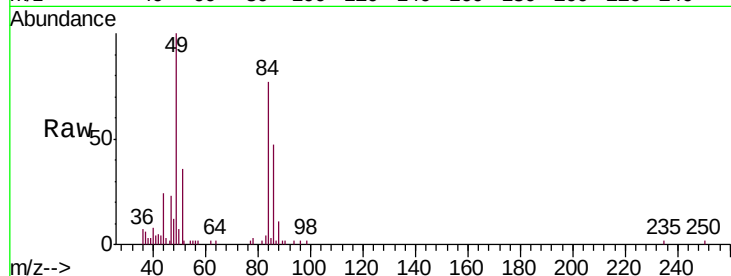




#16
Methylene chloride
Concen: 0.577 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012461.D
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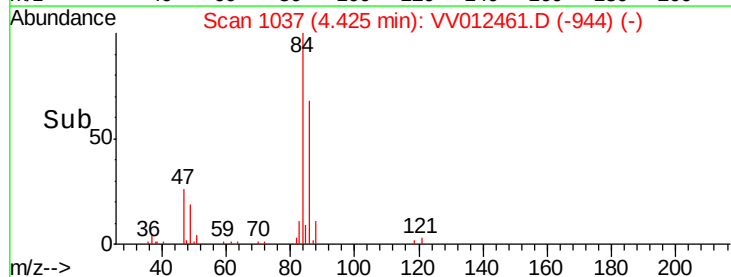
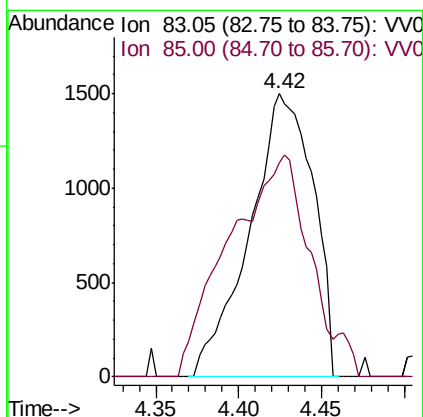
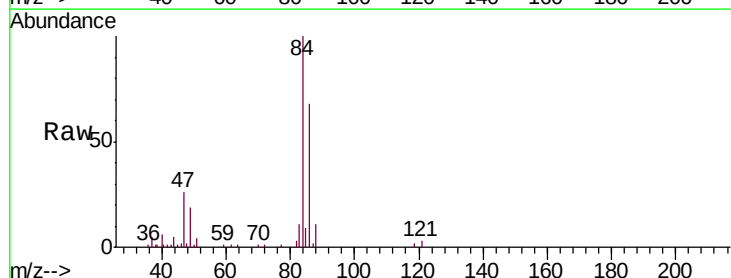
Instrument :
MSVOA_V
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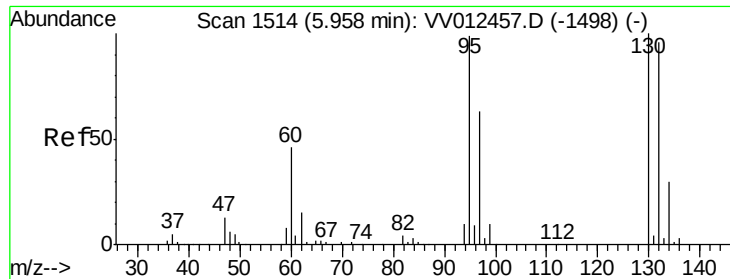
Tgt Ion: 84 Resp: 7902
Ion Ratio Lower Upper
84 100
86 61.2 45.2 84.0
49 129.6 95.1 176.7



#25
Chloroform
Concen: 0.127 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012461.D
Acq: 30 Aug 2019 18:08

Tgt Ion: 83 Resp: 3997
Ion Ratio Lower Upper
83 100
85 75.7 45.4 84.4

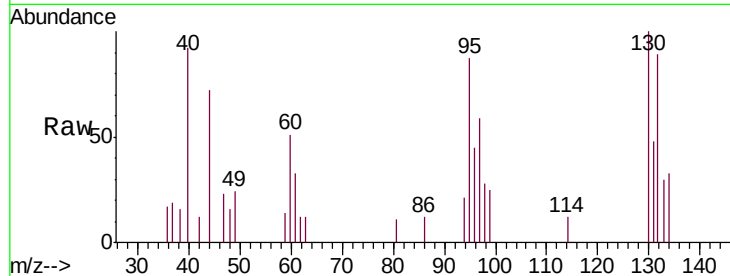




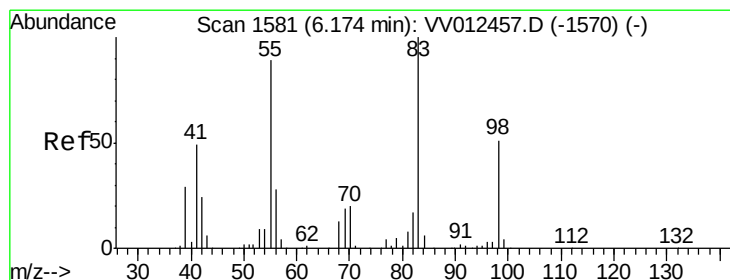
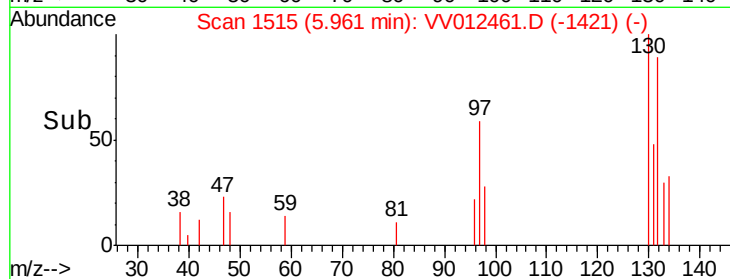
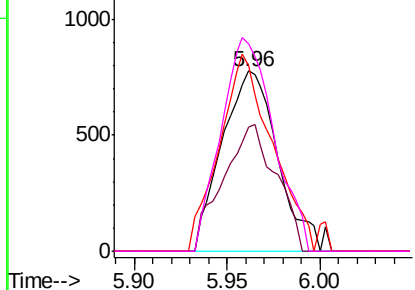
#34
 Trichloroethene
 Concen: 0.101 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV012461.D
 Acq: 30 Aug 2019 18:08

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM4DL

Tgt Ion: 95 Resp: 1631
 Ion Ratio Lower Upper
 95 100
 97 68.6 45.8 85.2
 132 102.7 68.3 126.9
 130 115.4 72.0 133.8

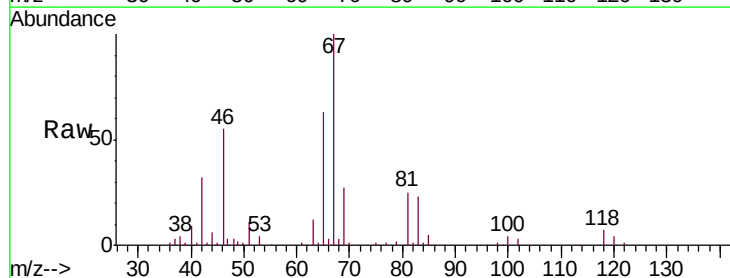


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

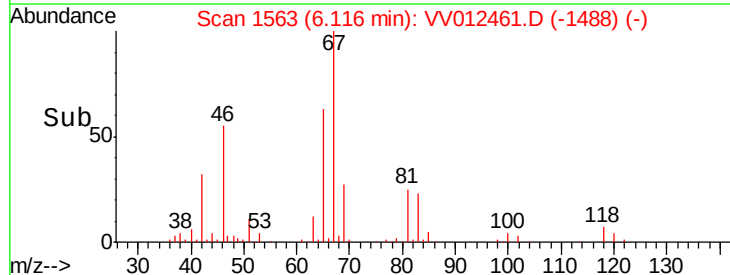
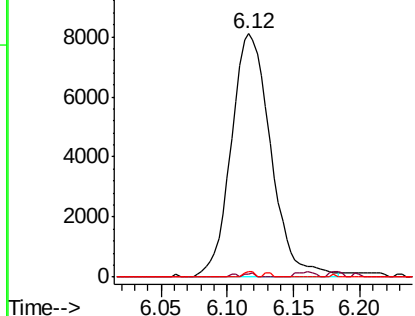


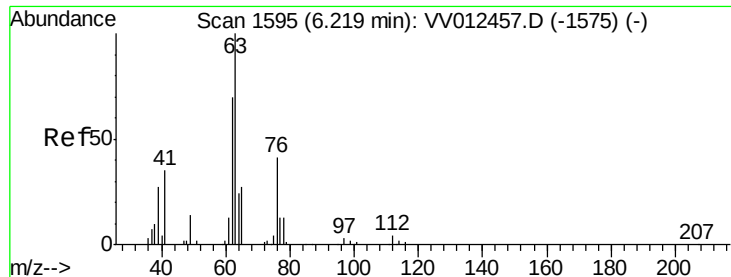
#35
 Methylcyclohexane
 Concen: 0.684 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012461.D
 Acq: 30 Aug 2019 18:08

Tgt Ion: 83 Resp: 16857
 Ion Ratio Lower Upper
 83 100
 55 0.4 67.8 101.6#
 98 0.6 39.2 58.8#



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

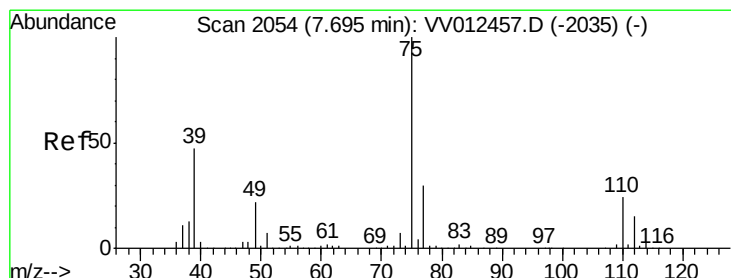
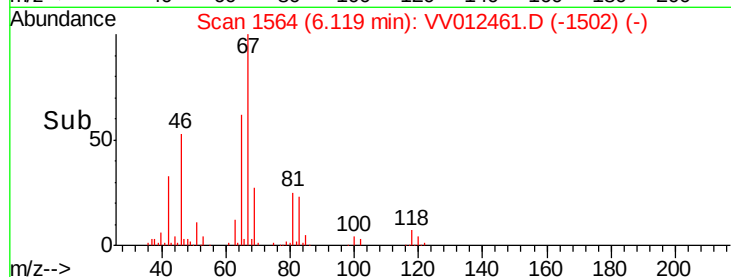
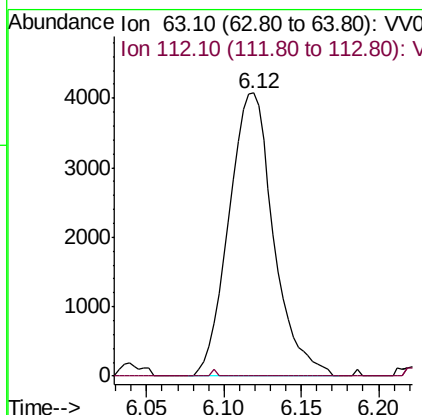
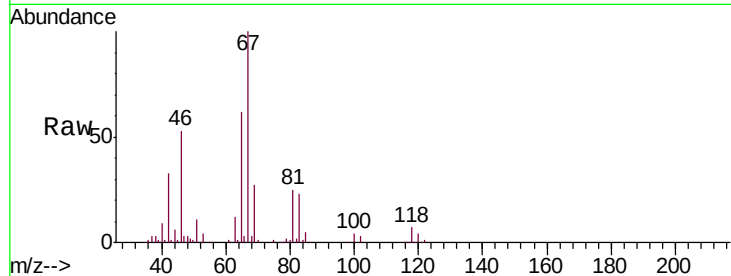




#37
 1,2-Dichloropropane
 Concen: 0.494 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012461.D
 Acq: 30 Aug 2019 18:08

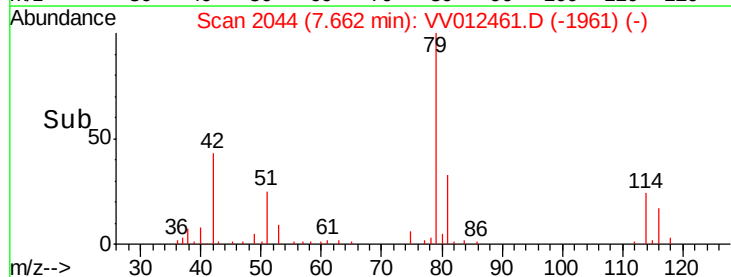
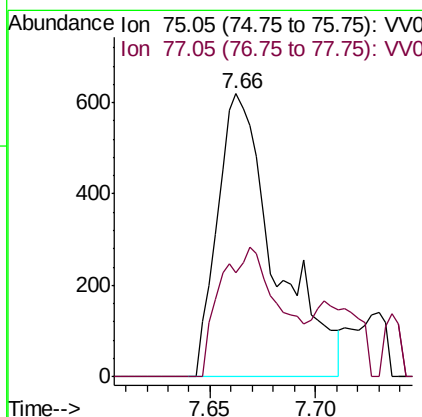
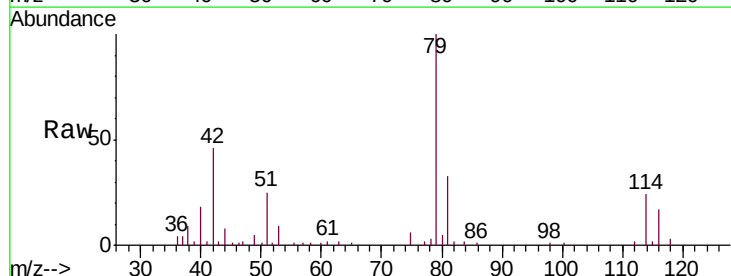
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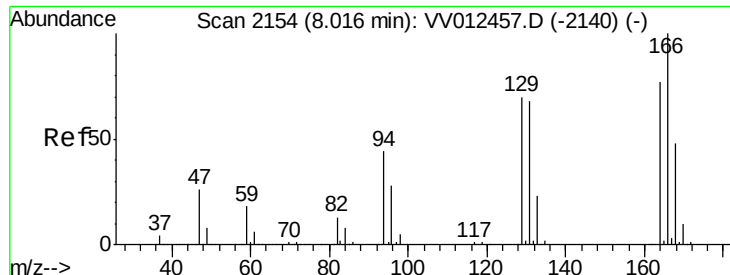
Tgt Ion: 63 Resp: 8187
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012461.D
 Acq: 30 Aug 2019 18:08

Tgt Ion: 75 Resp: 1175
 Ion Ratio Lower Upper
 75 100
 77 36.8 20.6 38.4





#47

Tetrachloroethene

Concen: 7.641 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012461.D

Acq: 30 Aug 2019 18:08

Instrument :

MSVOA_V

ClientSampleId :

GANM4DL

Tgt Ion:164 Resp: 99122

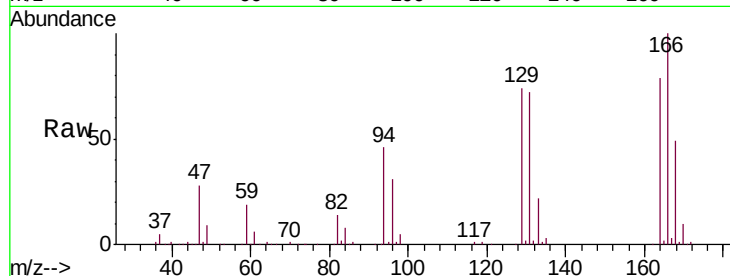
Ion Ratio Lower Upper

164 100

129 94.1 65.6 121.8

131 91.1 63.3 117.5

166 126.7 89.4 166.0

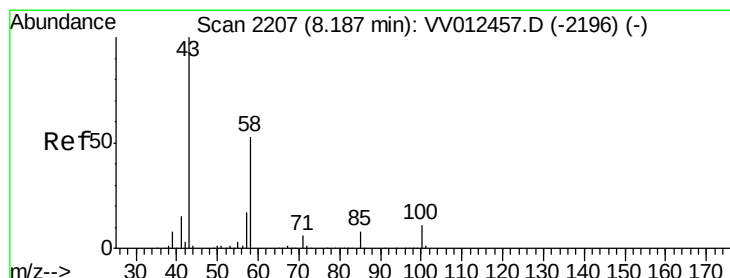
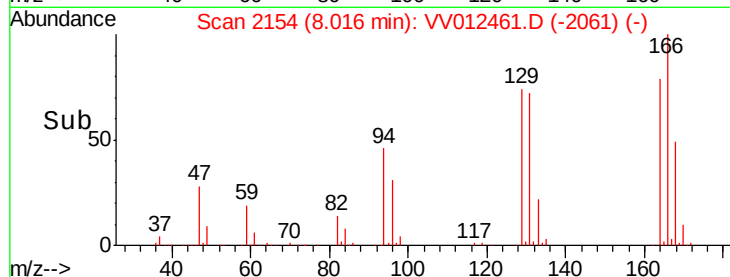
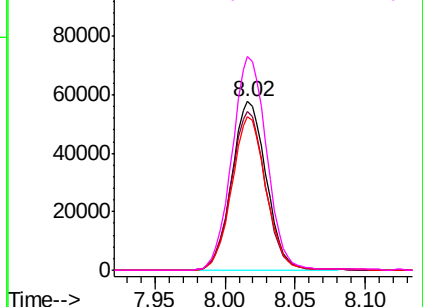


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.180 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012461.D

Acq: 30 Aug 2019 18:08

Tgt Ion: 43 Resp: 13958

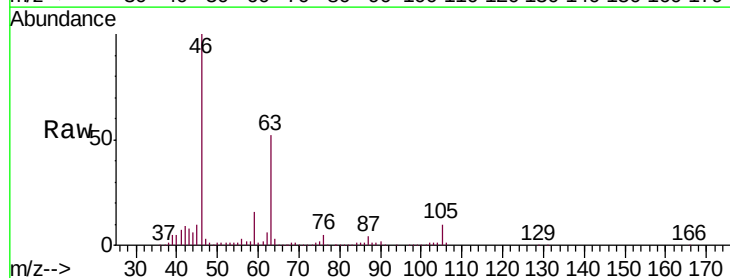
Ion Ratio Lower Upper

43 100

58 42.6 43.6 65.4#

57 34.7 14.2 21.2#

100 2.5 8.9 13.3#

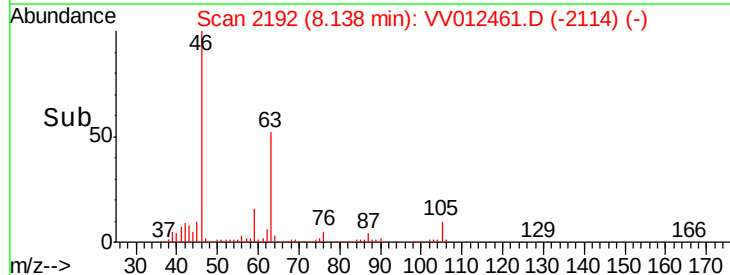
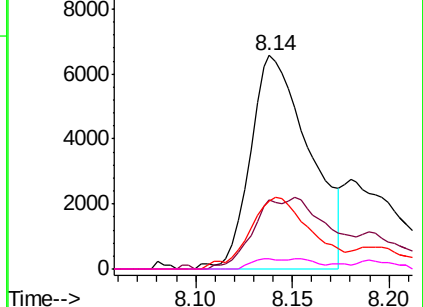


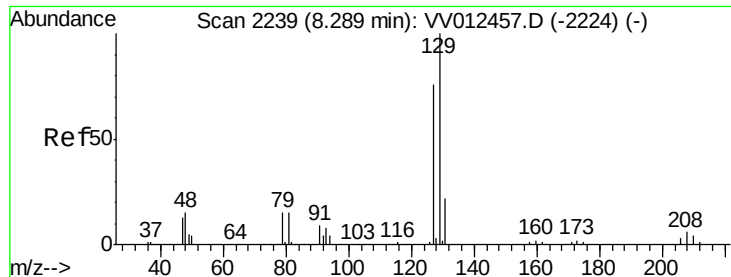
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49

Dibromochloromethane

Concen: 6.923 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012461.D

Acq: 30 Aug 2019 18:08

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ClientSampleId :

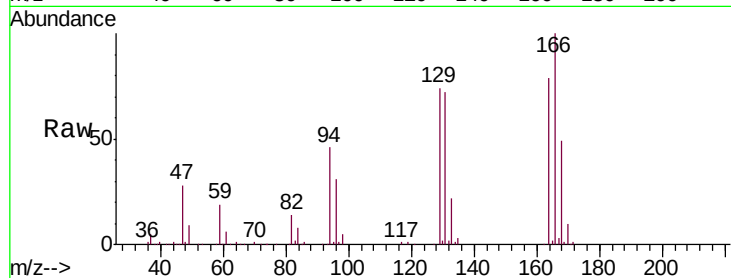
GANM4DL

Tgt Ion:129 Resp: 87709

Ion Ratio Lower Upper

129 100

127 0.3 53.6 99.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

