

Data File : VV012454.D
Acq On : 30 Aug 2019 13:47
Operator : SY/MD
Sample : K4501-05DL 20X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANMODL

Quant Time: Aug 31 00:11:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	193240	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	190731	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49166	2.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.00%
7) Chloroethane-d5	1.58	69	43957	3.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.60%
11) 1,1-Dichloroethene-d2	2.13	63	70298	2.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.80%#
20) 2-Butanone-d5	3.97	46	168920	48.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.24%
24) Chloroform-d	4.40	84	118681	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.08	65	62229	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	221916	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.12	67	74681	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.36	98	167863	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
43) trans-1,3-Dichloropropene-	7.67	79	22458	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.14	63	105189	41.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55063	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	57936	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

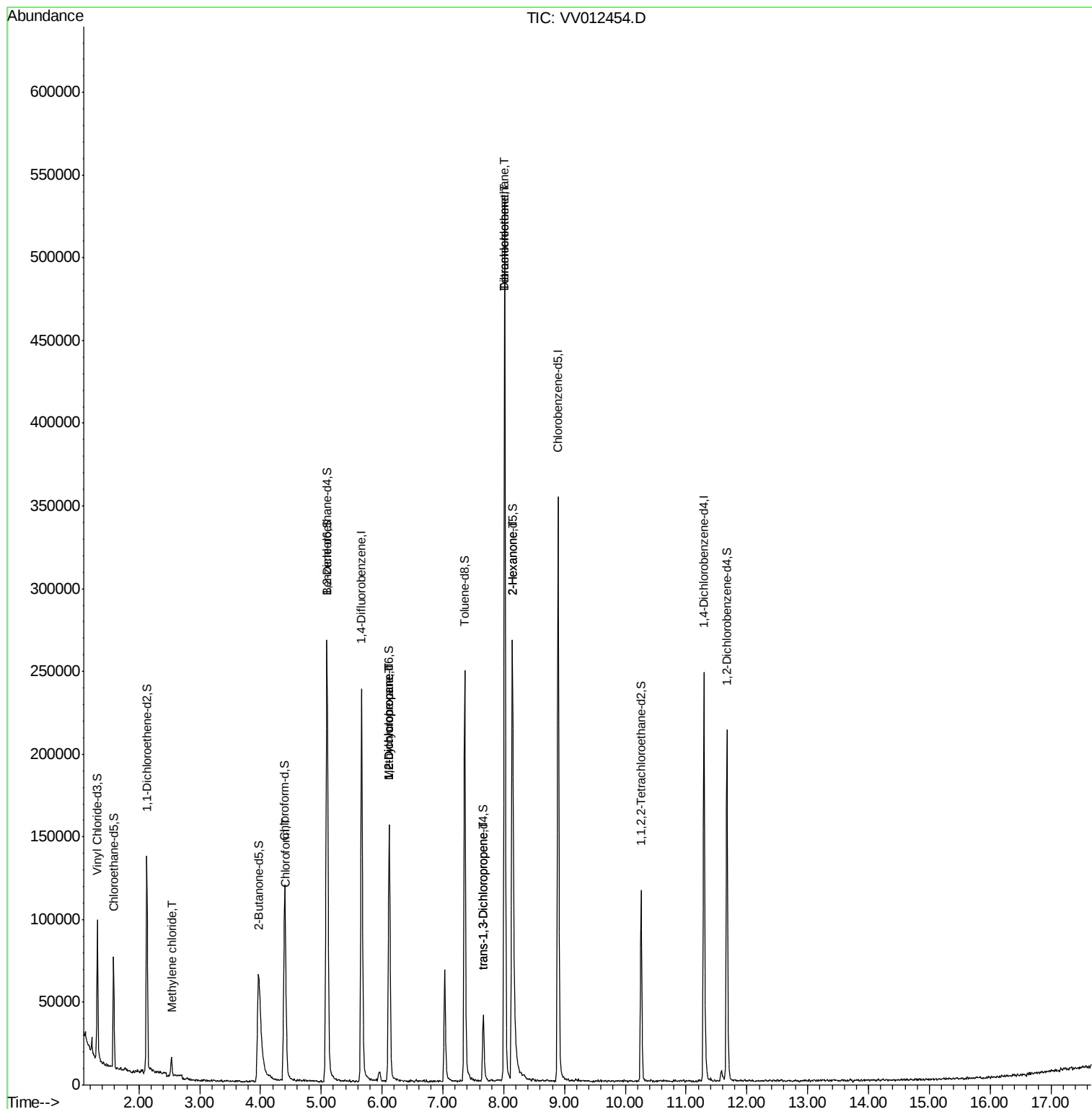
						Qvalue
16) Methylene chloride	2.53	84	4349	0.260	ug/L	92
25) Chloroform	4.42	83	4316	0.112	ug/L	87
35) Methylcyclohexane	6.12	83	17853	0.583	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8932	0.434	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1065	0.051	ug/L #	48
47) Tetrachloroethene	8.02	164	117353	7.287	ug/L	98
48) 2-Hexanone	8.14	43	19600	2.466	ug/L #	74
49) Dibromochloromethane	8.02	129	102888	6.542	ug/L #	11

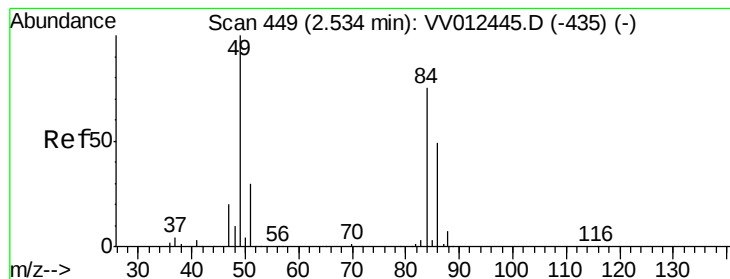
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 00:07:21 2019
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.260 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Acq: 30 Aug 2019 13:47

Instrument :

MSVOA_V

ClientSampleId :

GANM0DL

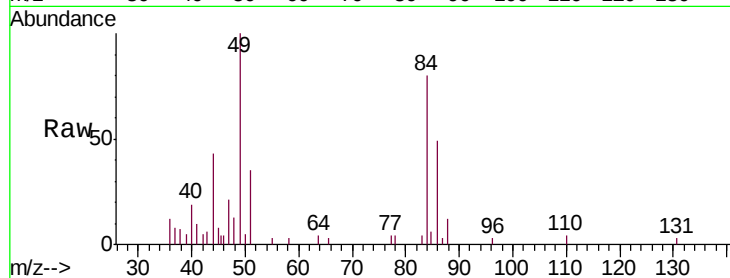
Tgt Ion: 84 Resp: 4349

Ion Ratio Lower Upper

84 100

86 61.6 45.2 84.0

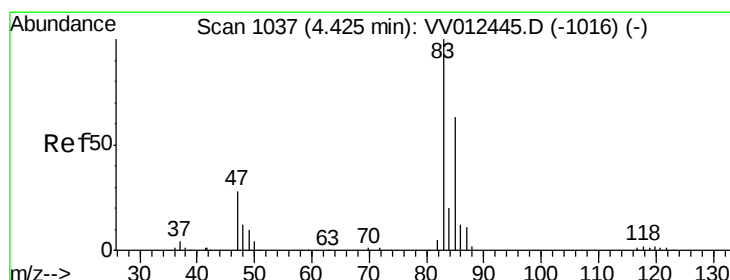
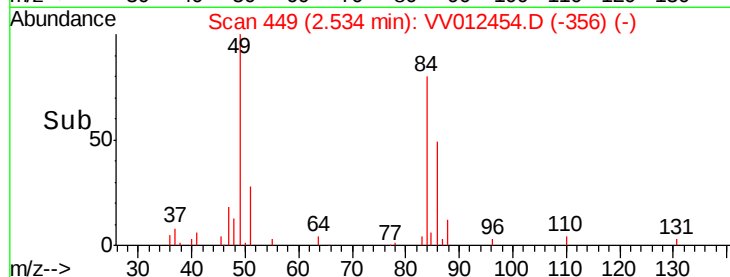
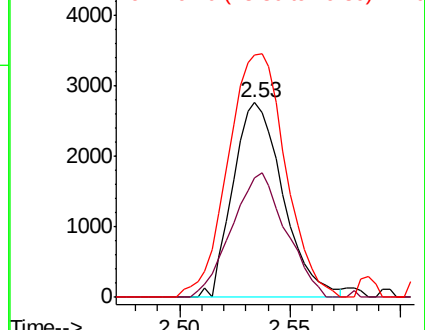
49 124.7 95.1 176.7



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.112 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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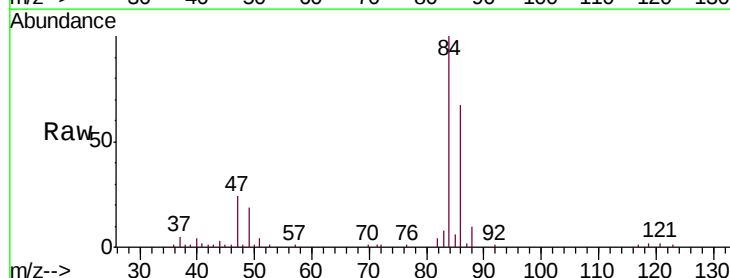
Acq: 30 Aug 2019 13:47

Tgt Ion: 83 Resp: 4316

Ion Ratio Lower Upper

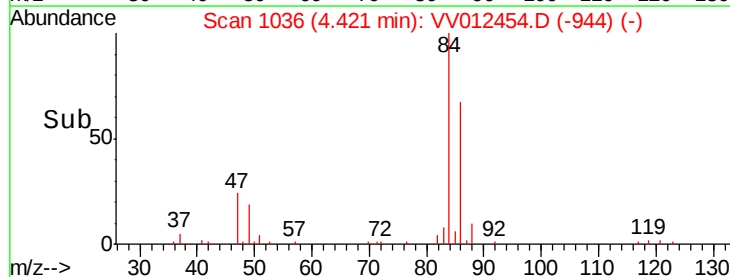
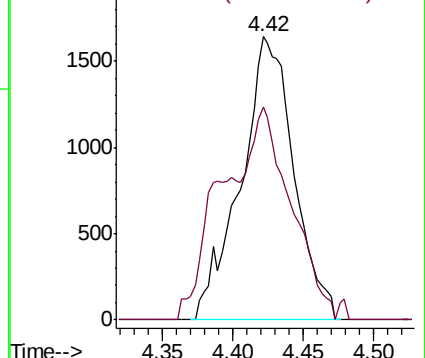
83 100

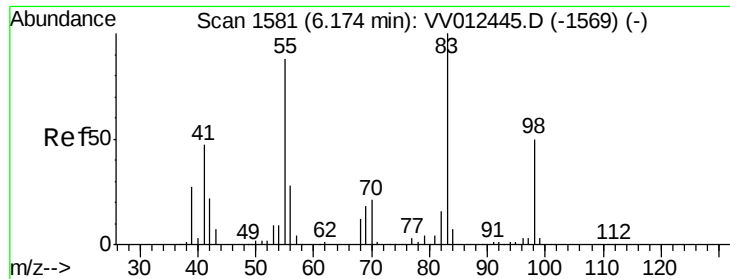
85 75.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 0.583 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

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Acq: 30 Aug 2019 13:47

Instrument :

MSVOA_V

ClientSampleId :

GANM0DL

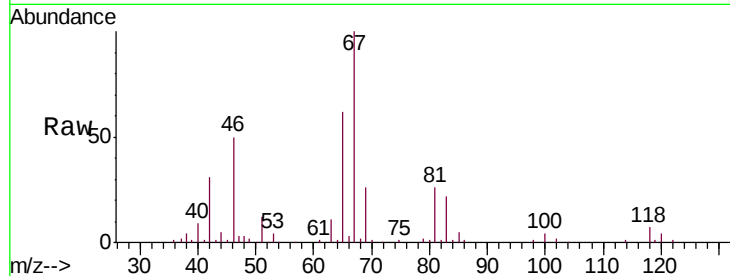
Tgt Ion: 83 Resp: 17853

Ion Ratio Lower Upper

83 100

55 0.1 67.8 101.6#

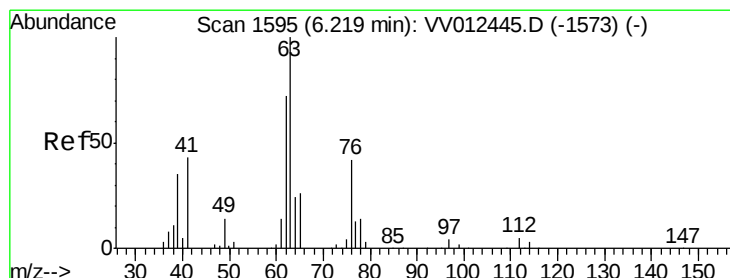
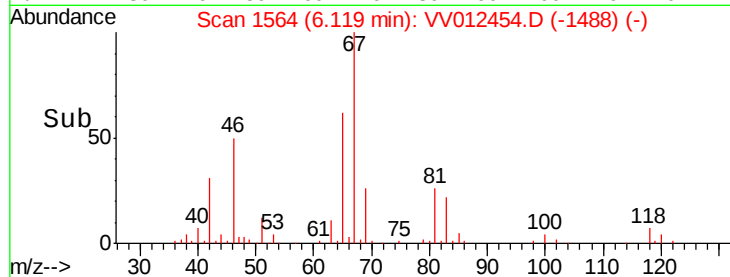
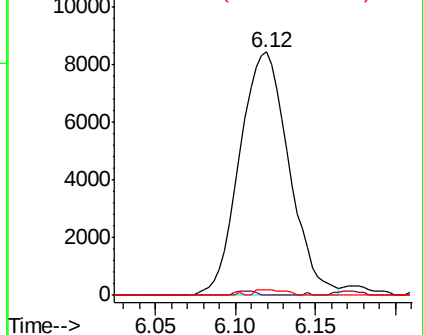
98 1.4 39.2 58.8#



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: 0.434 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV012454.D

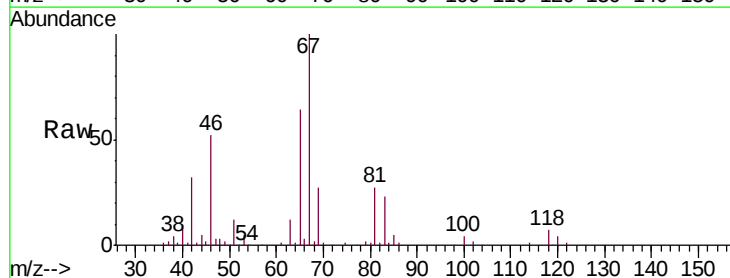
Acq: 30 Aug 2019 13:47

Tgt Ion: 63 Resp: 8932

Ion Ratio Lower Upper

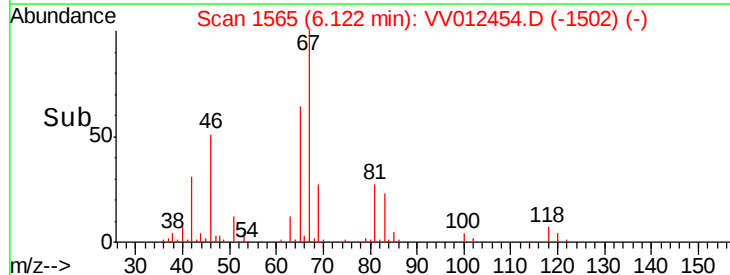
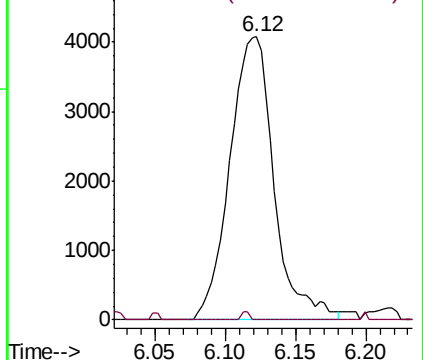
63 100

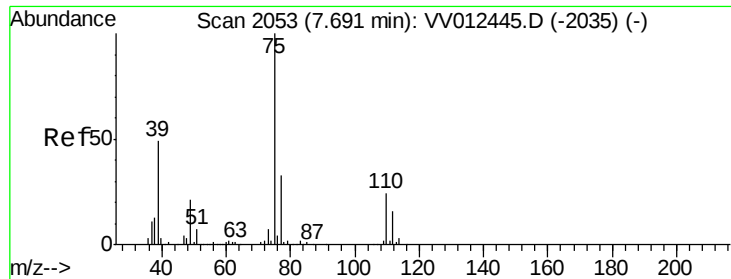
112 0.5 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012454.D

Acq: 30 Aug 2019 13:47

Instrument :

MSVOA_V

ClientSampleId :

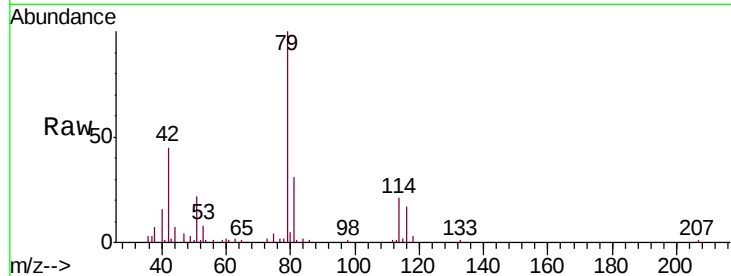
GANMODL

Tgt Ion: 75 Resp: 1065

Ion Ratio Lower Upper

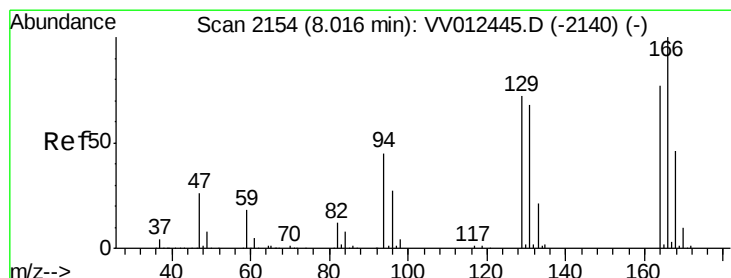
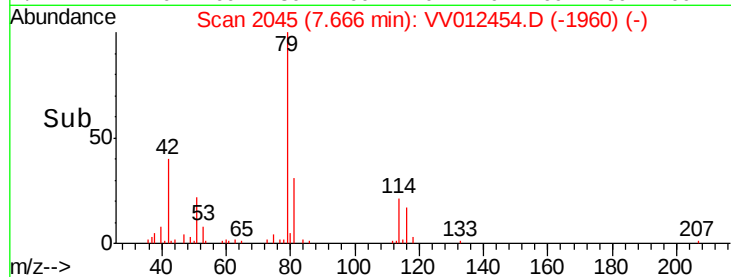
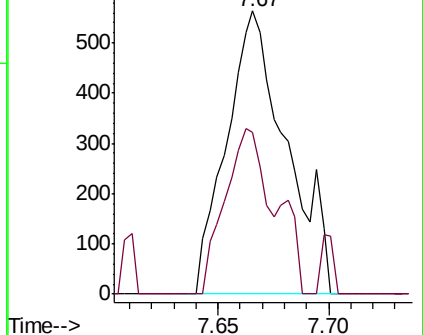
75 100

77 57.4 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 7.287 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012454.D

Acq: 30 Aug 2019 13:47

Tgt Ion: 164 Resp: 117353

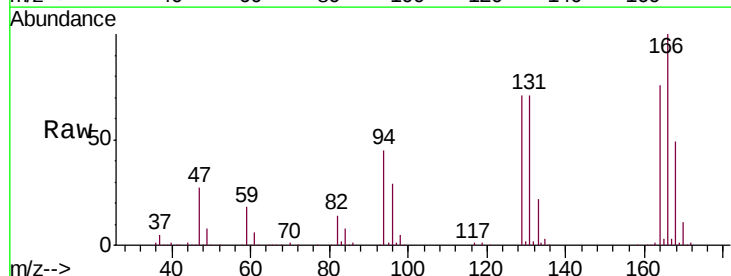
Ion Ratio Lower Upper

164 100

129 93.9 65.6 121.8

131 93.1 63.3 117.5

166 131.5 89.4 166.0

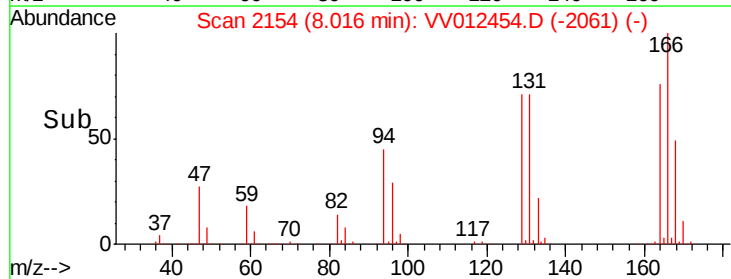
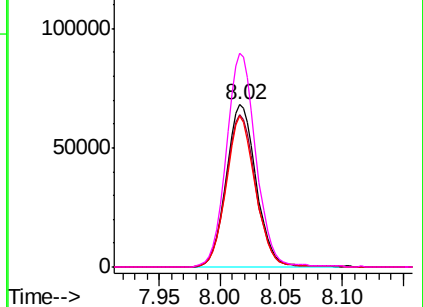


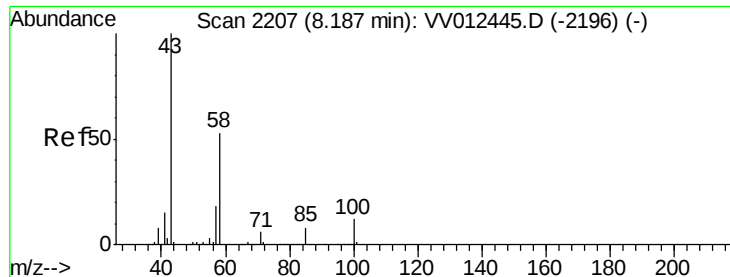
Abundance Ion 163.90 (163.60 to 164.60): V

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

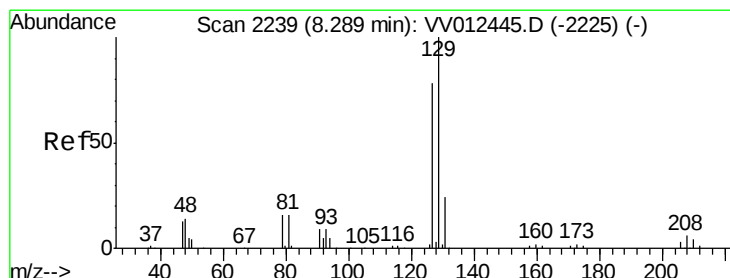
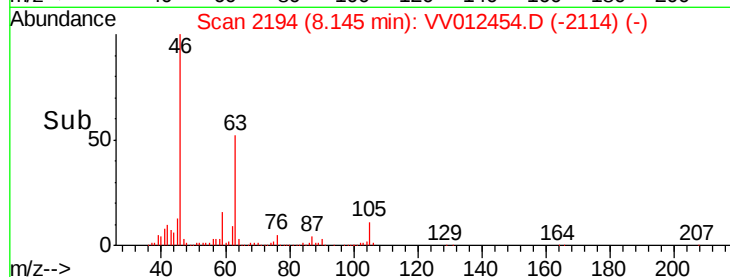
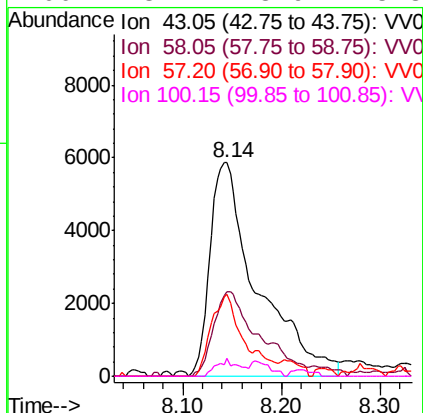
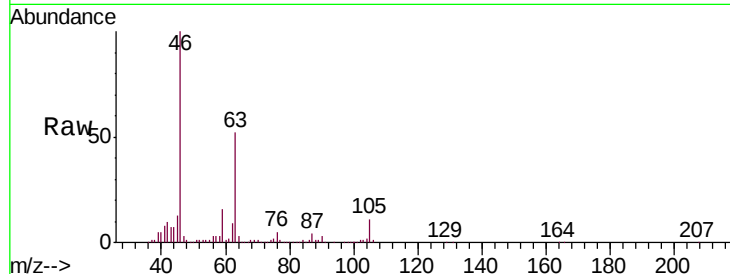




#48
2-Hexanone
Concen: 2.466 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV012454.D
Acq: 30 Aug 2019 13:47

Instrument :
MSVOA_V
ClientSampleId :
GANM0DL

Tgt Ion: 43 Resp: 19600
Ion Ratio Lower Upper
43 100
58 31.3 43.6 65.4#
57 22.7 14.2 21.2#
100 3.7 8.9 13.3#



#49
Dibromochloromethane
Concen: 6.542 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012454.D
Acq: 30 Aug 2019 13:47

Tgt Ion: 129 Resp: 102888
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#

