

Data File : VV012459.D
Acq On : 30 Aug 2019 17:13
Operator : SY/MD
Sample : K4501-08DL 20X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM3DL

Quant Time: Aug 31 01:40:54 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	213525	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	215220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	79207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65201	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.58	69	52634	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.13	63	81326	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	3.97	46	165091	42.56	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.12%
24) Chloroform-d	4.40	84	133009	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.08	65	66953	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.09	84	247926	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.12	67	84298	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.36	98	197957	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	7.66	79	27441	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.14	63	115408	40.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58739	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	70355	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

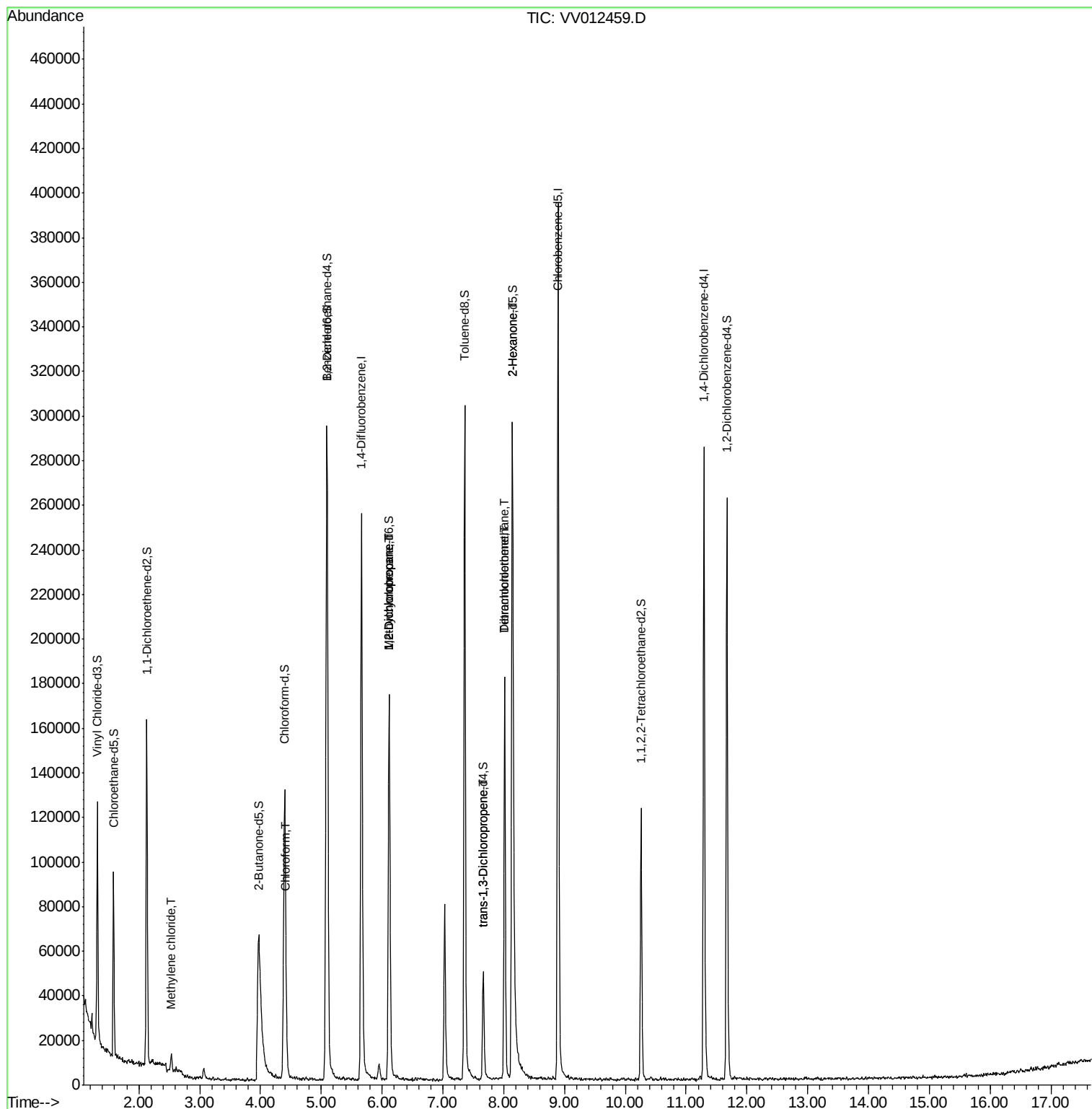
						Qvalue
16) Methylene chloride	2.53	84	3115	0.168	ug/L	89
25) Chloroform	4.43	83	5726	0.135	ug/L	87
35) Methylcyclohexane	6.12	83	19858	0.575	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9503	0.409	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1376	0.059	ug/L	97
47) Tetrachloroethene	8.02	164	40223	2.213	ug/L	97
48) 2-Hexanone	8.14	43	17448	1.945	ug/L #	71
49) Dibromochloromethane	8.02	129	33875	1.909	ug/L #	12

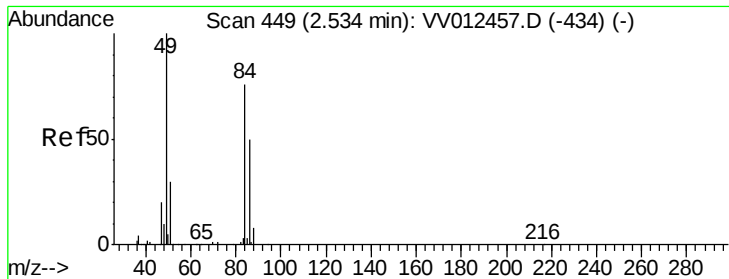
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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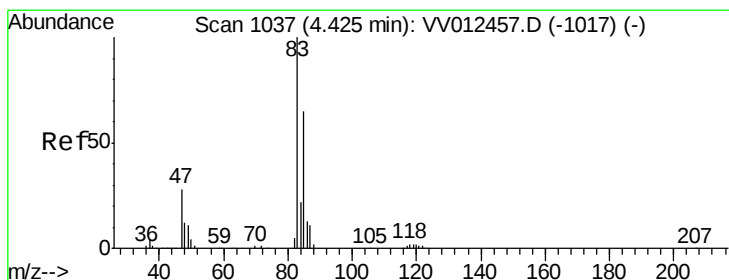
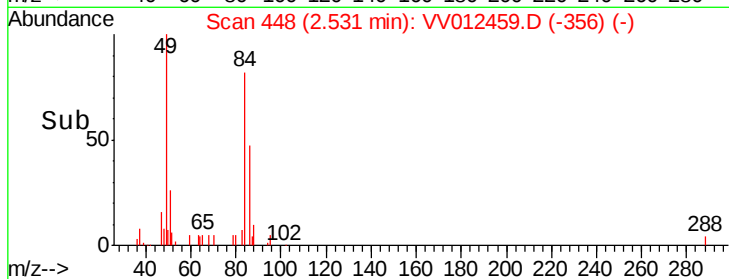
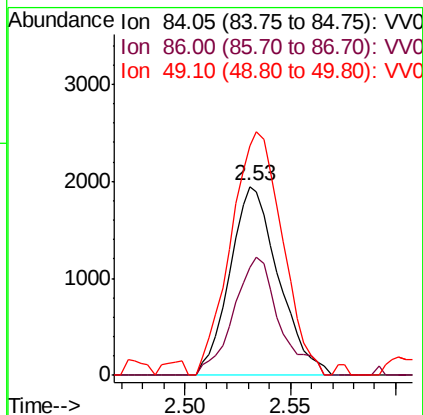
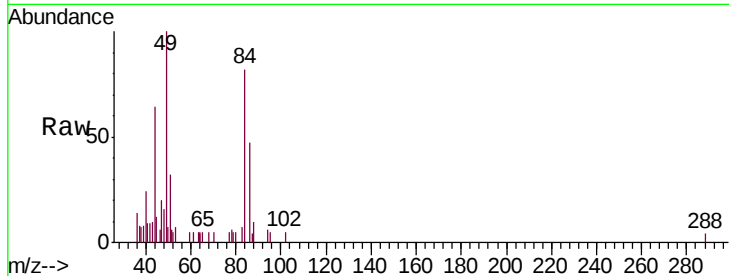




#16
Methylene chloride
Concen: 0.168 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV012459.D
Acq: 30 Aug 2019 17:13

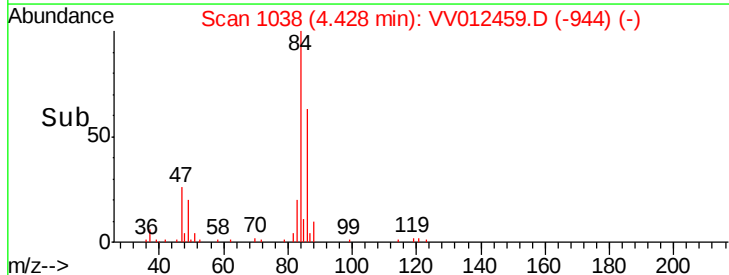
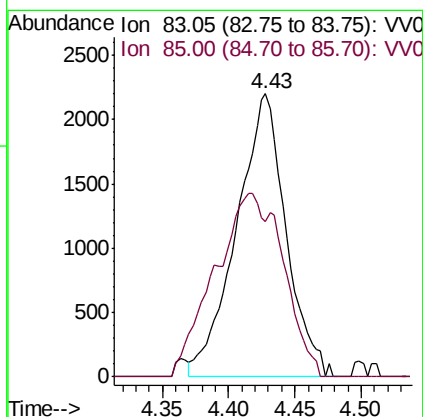
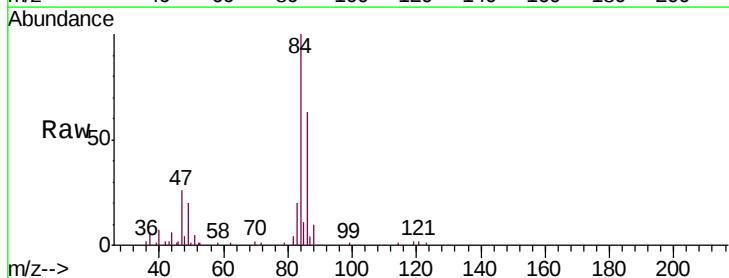
Instrument :
MSVOA_V
ClientSampleId :
GANM3DL

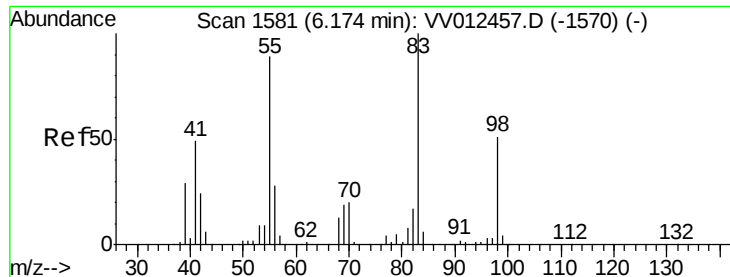
Tgt Ion: 84 Resp: 3115
Ion Ratio Lower Upper
84 100
86 57.5 45.2 84.0
49 121.6 95.1 176.7



#25
Chloroform
Concen: 0.135 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012459.D
Acq: 30 Aug 2019 17:13

Tgt Ion: 83 Resp: 5726
Ion Ratio Lower Upper
83 100
85 55.0 45.4 84.4

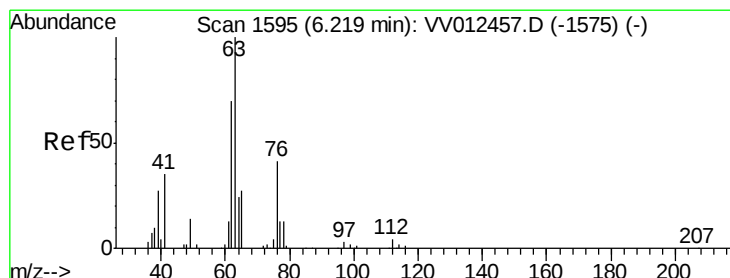
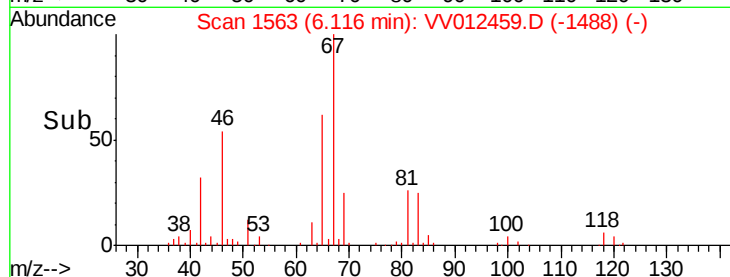
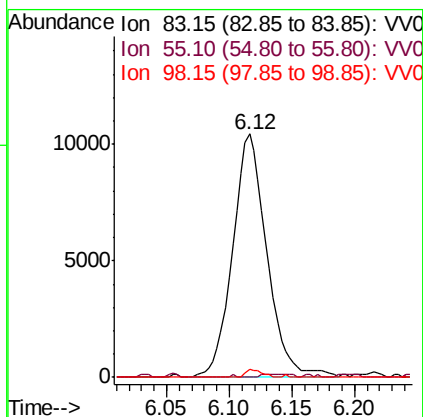
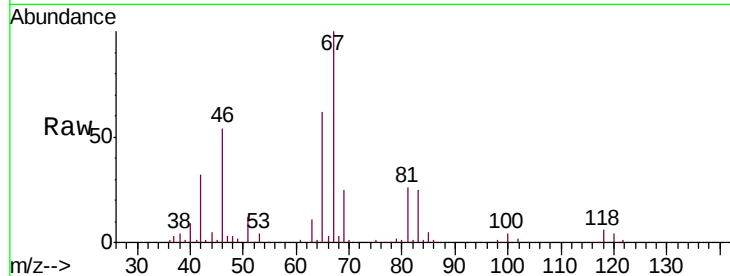




#35
Methylcyclohexane
Concen: 0.575 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012459.D
Acq: 30 Aug 2019 17:13

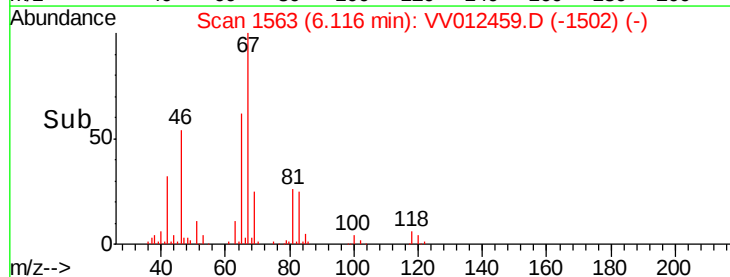
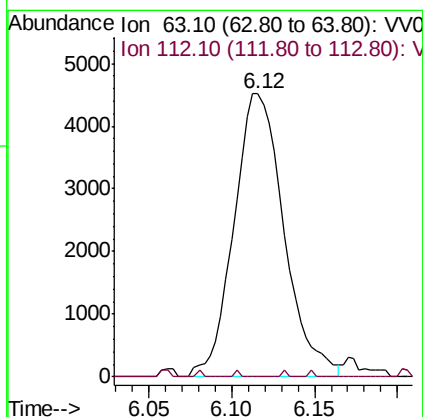
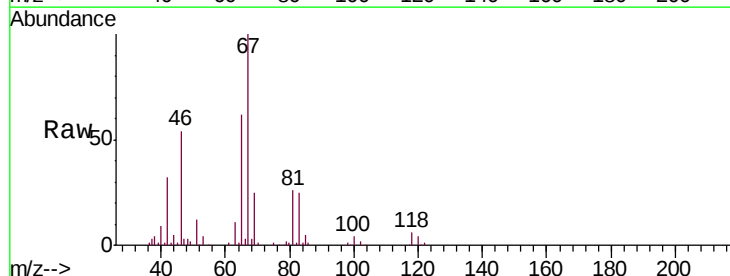
Instrument :
MSVOA_V
ClientSampleId :
GANM3DL

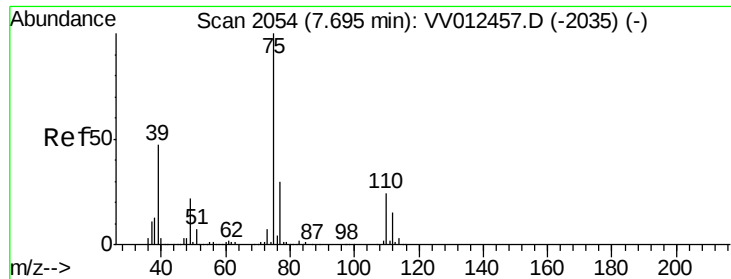
Tgt Ion: 83 Resp: 19858
Ion Ratio Lower Upper
83 100
55 0.7 67.8 101.6#
98 1.5 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.409 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012459.D
Acq: 30 Aug 2019 17:13

Tgt Ion: 63 Resp: 9503
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012459.D

Acq: 30 Aug 2019 17:13

Instrument :

MSVOA_V

ClientSampleId :

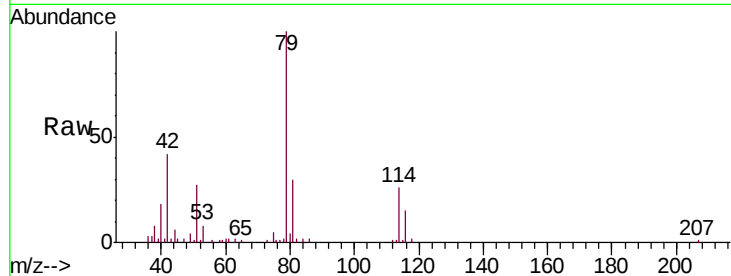
GANM3DL

Tgt Ion: 75 Resp: 1376

Ion Ratio Lower Upper

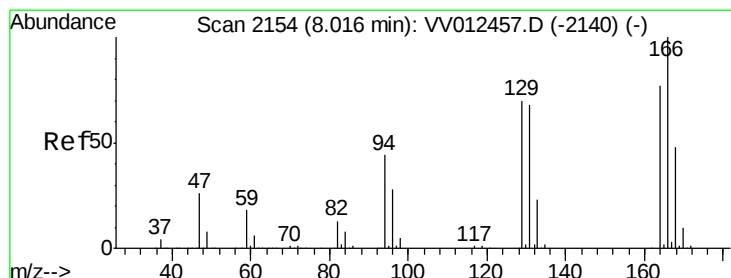
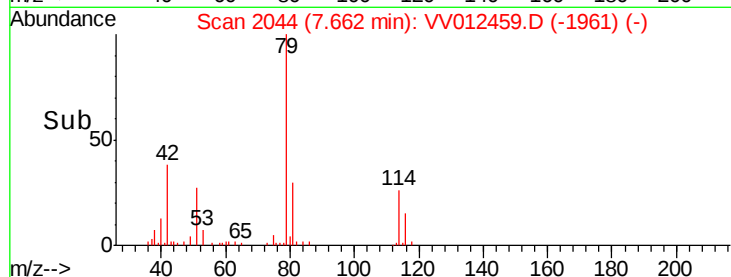
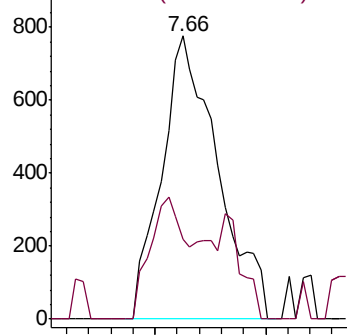
75 100

77 28.1 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: 2.213 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012459.D

Acq: 30 Aug 2019 17:13

Tgt Ion: 164 Resp: 40223

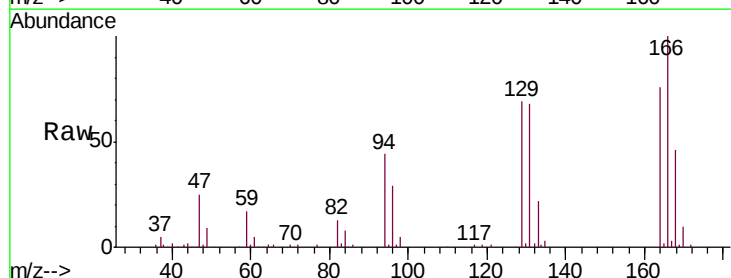
Ion Ratio Lower Upper

164 100

129 90.7 65.6 121.8

131 89.0 63.3 117.5

166 131.0 89.4 166.0

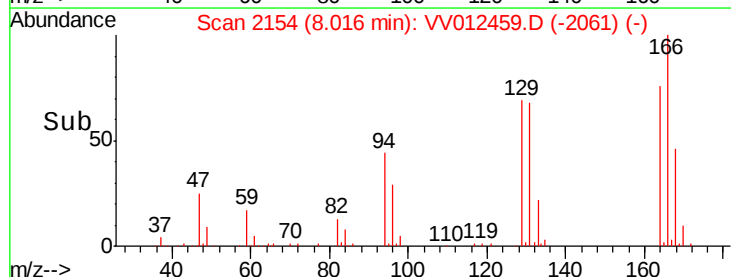
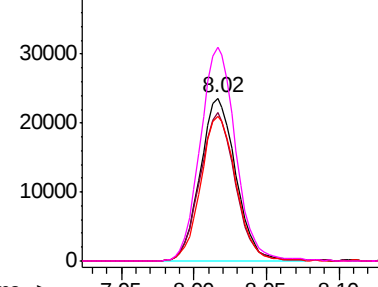


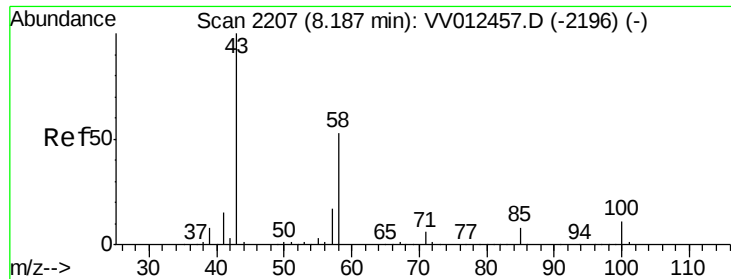
Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.945 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV012459.D

Acq: 30 Aug 2019 17:13

Instrument :

MSVOA_V

ClientSampleId :

GANM3DL

Tgt Ion: 43 Resp: 17448

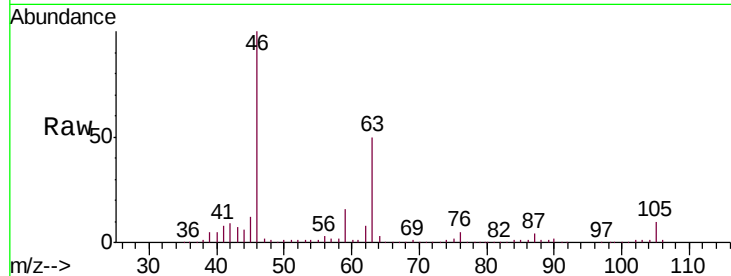
Ion Ratio Lower Upper

43 100

58 34.7 43.6 65.4#

57 36.7 14.2 21.2#

100 5.3 8.9 13.3#

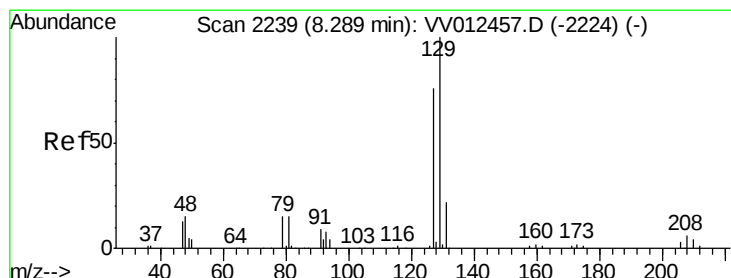
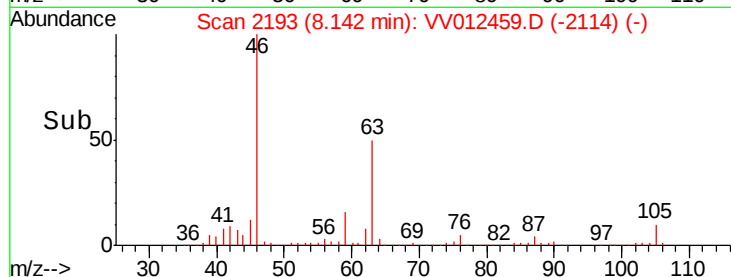
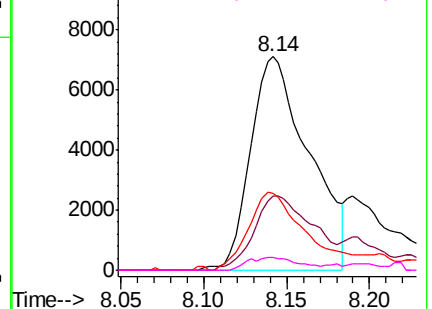


Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 1.909 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012459.D

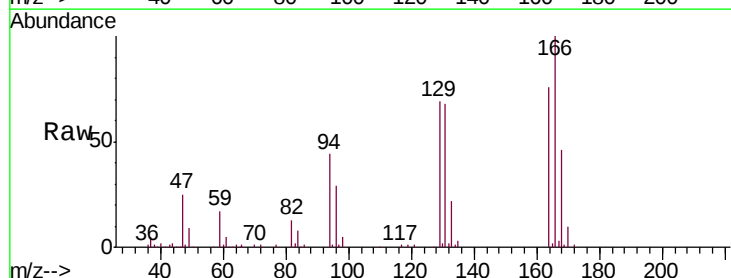
Acq: 30 Aug 2019 17:13

Tgt Ion: 129 Resp: 33875

Ion Ratio Lower Upper

129 100

127 0.6 53.6 99.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

