

Data File : VU033157.D
Acq On : 02 Jul 2019 21:48
Operator : JC/SP
Sample : K3597-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM69DL

Quant Time: Jul 03 02:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33596	6.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.00%#
7) Chloroethane-d5	1.68	69	28202	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.00%
11) 1,1-Dichloroethene-d2	2.27	63	52409	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.19	46	98274	53.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	4.64	84	63937	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.30	65	37649	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.33	84	117589	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.32	67	38902	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.56	98	99704	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	14881	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.31	63	60802	47.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32464	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	40872	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

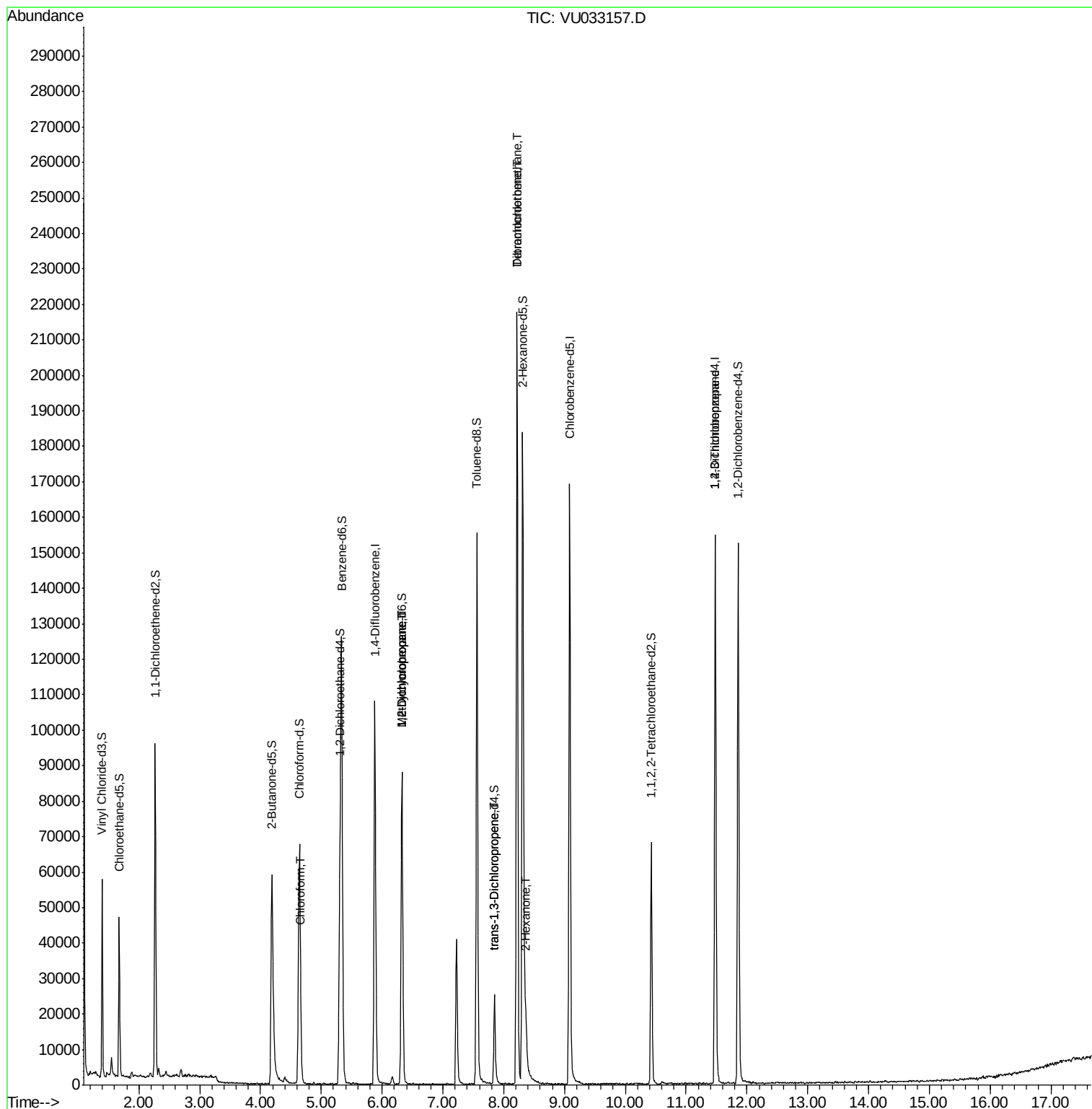
						Qvalue
25) Chloroform	4.67	83	2176	0.156	ug/L	88
35) Methylcyclohexane	6.32	83	9169	0.842	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	4786	0.649	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	698	0.081	ug/L #	69
47) Tetrachloroethene	8.22	164	46494	7.649	ug/L	98
48) 2-Hexanone	8.36	43	8723	2.347	ug/L #	94
49) Dibromochloromethane	8.22	129	43672	6.747	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	5356	1.067	ug/L	91

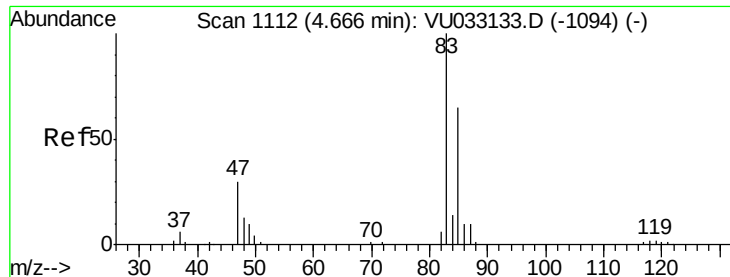
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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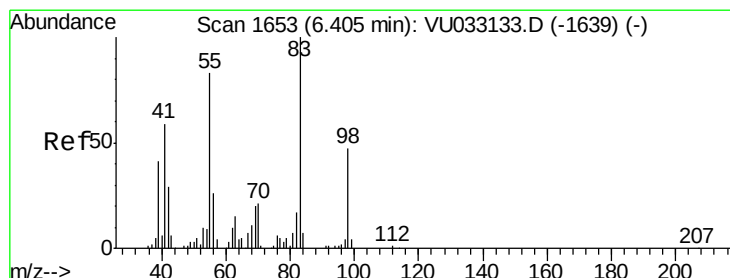
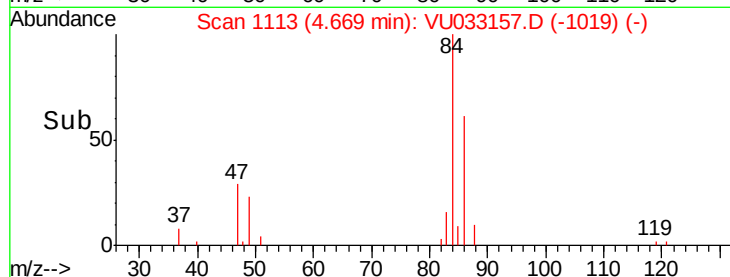
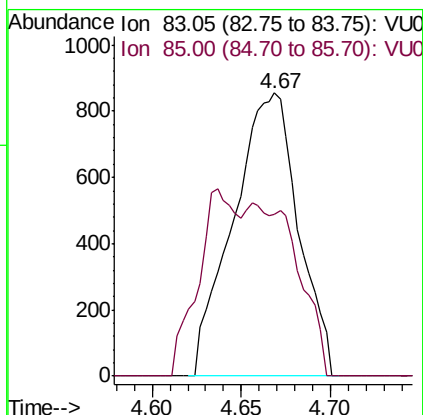
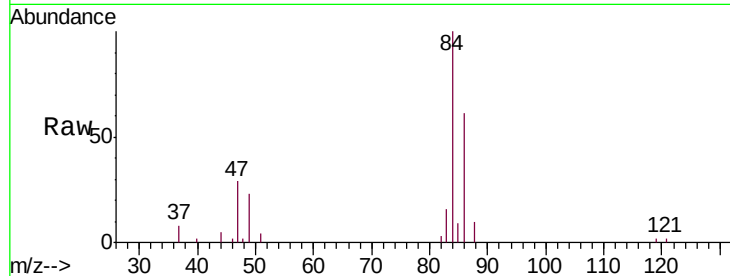




#25
Chloroform
Concen: 0.156 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU033157.D
Acq: 02 Jul 2019 21:48

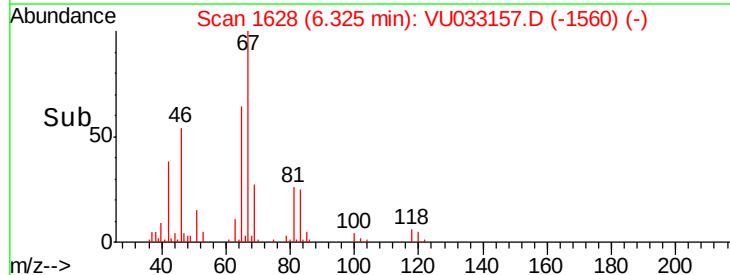
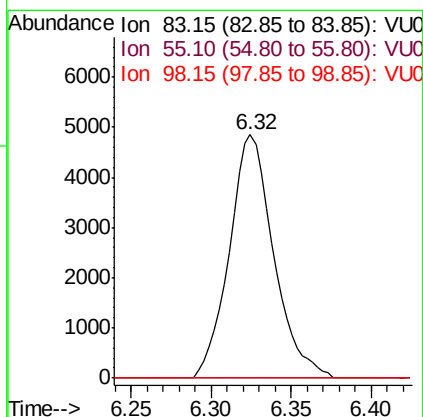
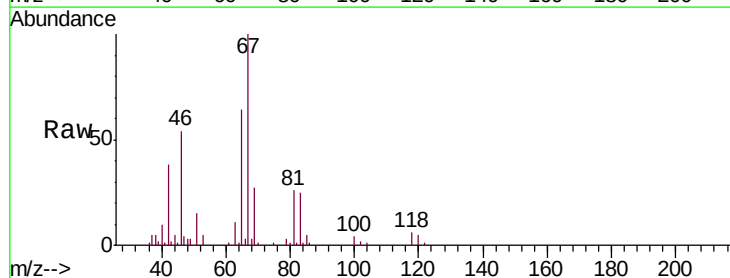
Instrument :
MSVOA_U
ClientSampleId :
GAM69DL

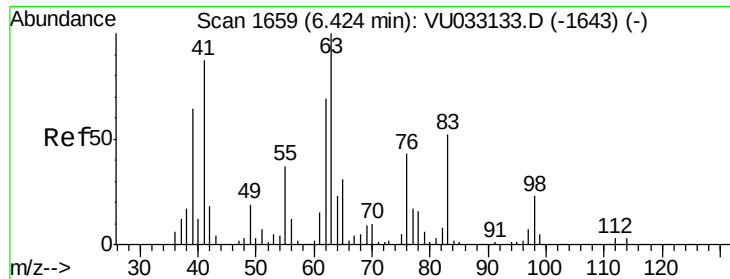
Tgt Ion: 83 Resp: 2176
Ion Ratio Lower Upper
83 100
85 57.2 46.6 86.6



#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033157.D
Acq: 02 Jul 2019 21:48

Tgt Ion: 83 Resp: 9169
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 1.6 37.1 55.7#

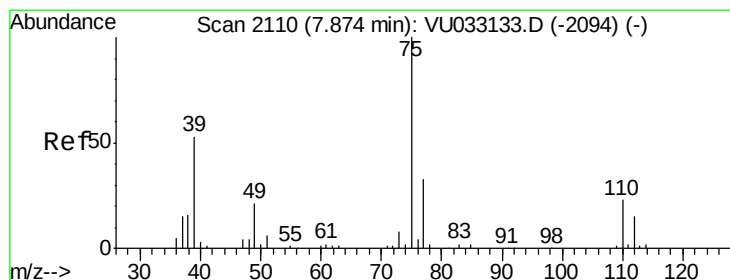
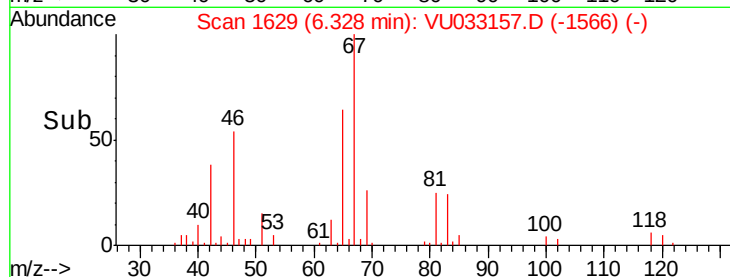
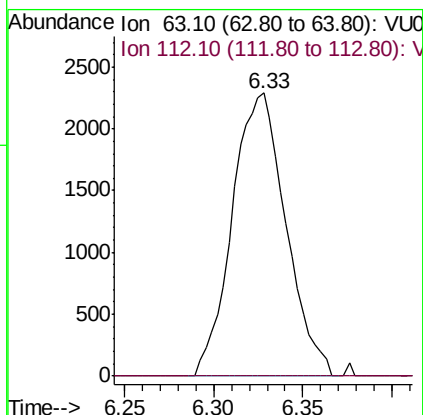
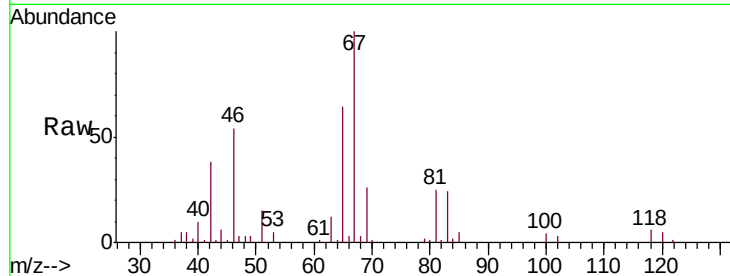




#37
 1,2-Dichloropropane
 Concen: 0.649 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU033157.D
 Acq: 02 Jul 2019 21:48

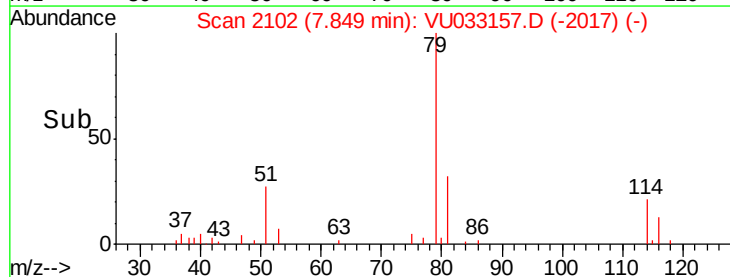
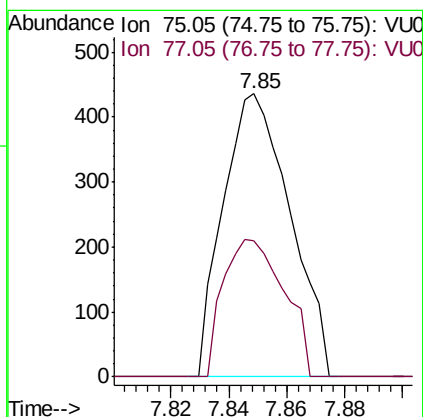
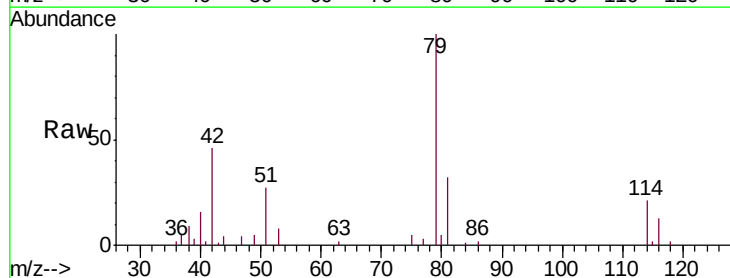
Instrument :
 MSVOA_U
 ClientSampleID :
 GAM69DL

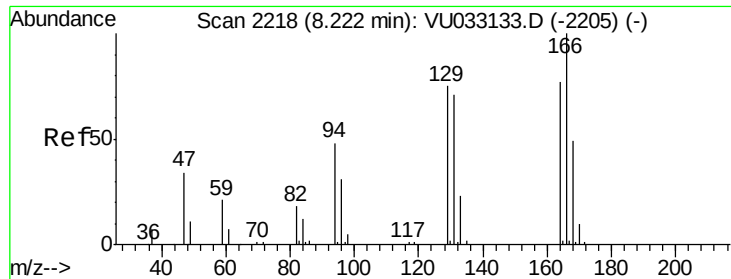
Tgt Ion: 63 Resp: 4786
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU033157.D
 Acq: 02 Jul 2019 21:48

Tgt Ion: 75 Resp: 698
 Ion Ratio Lower Upper
 75 100
 77 47.9 21.6 40.2#





#47

Tetrachloroethene

Concen: 7.649 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033157.D

Acq: 02 Jul 2019 21:48

Instrument :

MSVOA_U

ClientSampled :

GAM69DL

Tgt Ion:164 Resp: 46494

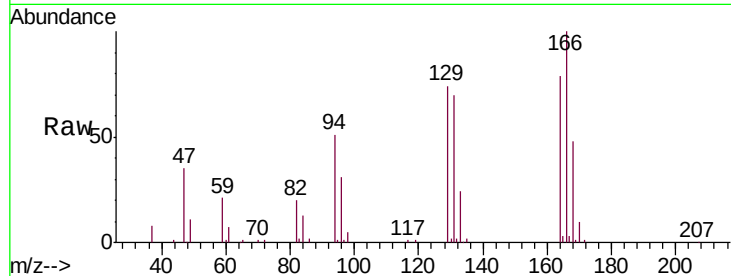
Ion Ratio Lower Upper

164 100

129 93.9 65.3 121.3

131 88.9 60.3 112.1

166 127.0 86.9 161.3

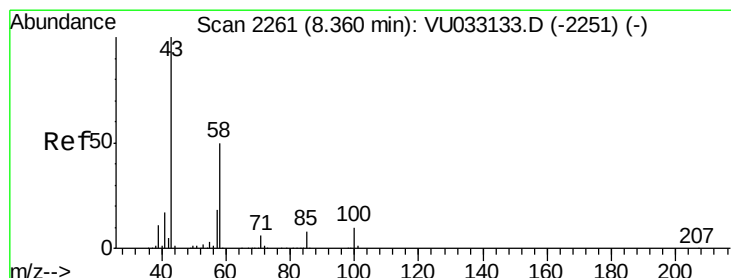
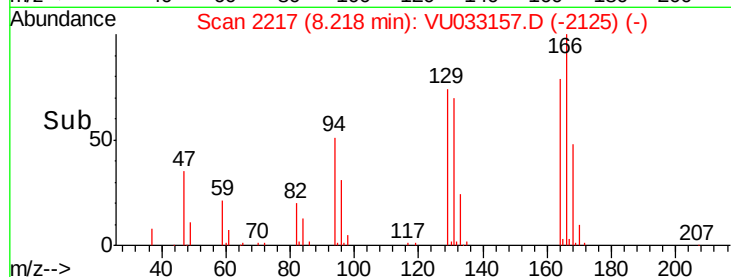
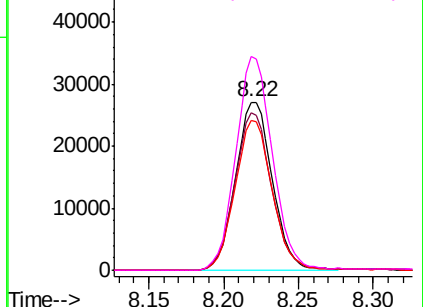


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.347 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU033157.D

Acq: 02 Jul 2019 21:48

Tgt Ion: 43 Resp: 8723

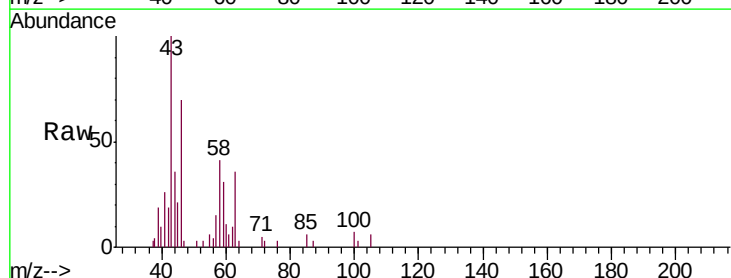
Ion Ratio Lower Upper

43 100

58 43.4 39.0 58.6

57 16.7 13.9 20.9

100 8.3 8.6 12.8#

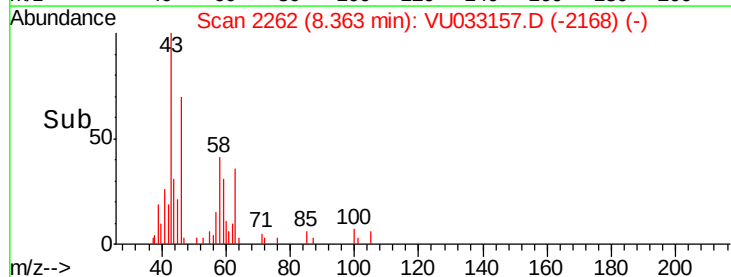
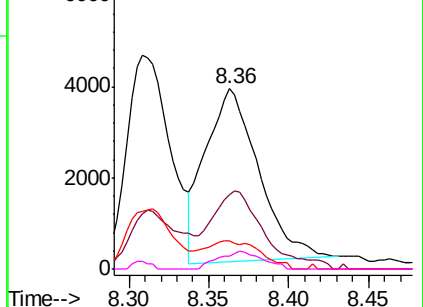


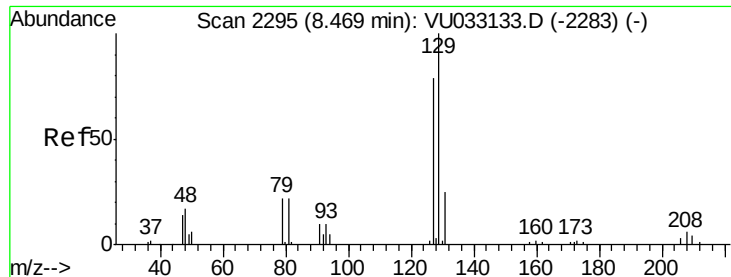
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 6.747 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.25 min

Lab File: VU033157.D

Acq: 02 Jul 2019 21:48

Instrument :

MSVOA_U

ClientSampleId :

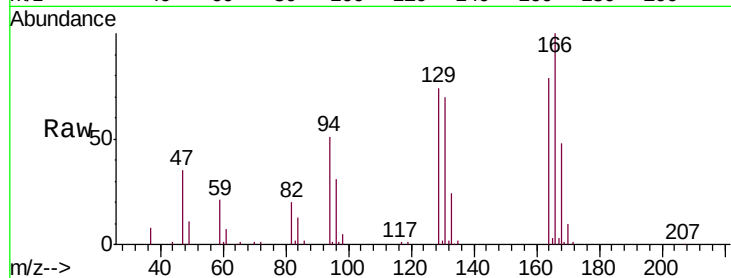
GAM69DL

Tgt Ion: 129 Resp: 43672

Ion Ratio Lower Upper

129 100

127 0.0 51.6 95.8#

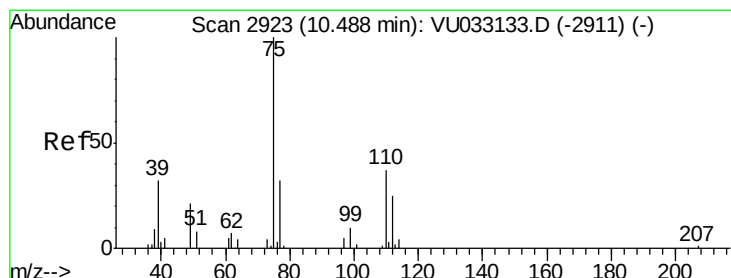
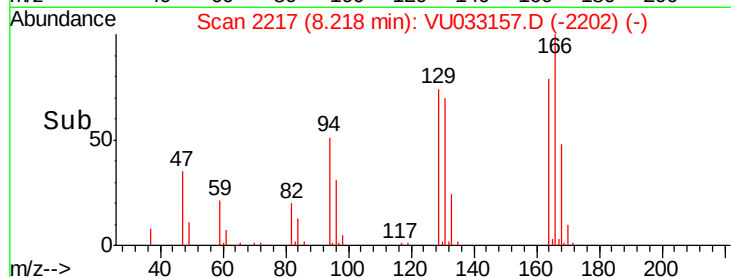


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.067 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033157.D

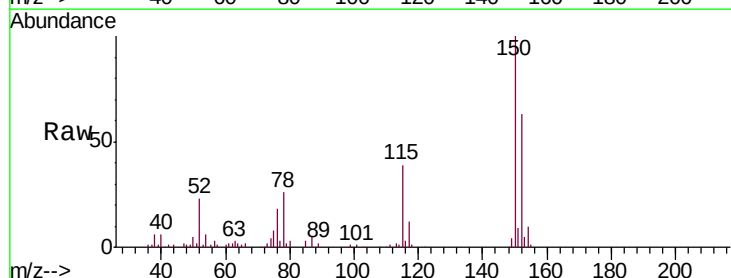
Acq: 02 Jul 2019 21:48

Tgt Ion: 75 Resp: 5356

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

Time-->

