

Data File : VU033148.D
Acq On : 02 Jul 2019 18:11
Operator : JC/SP
Sample : K3597-06DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM63DL

Quant Time: Jul 03 02:19:25 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	5.87	114	84276	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32984	6.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.20%#
7) Chloroethane-d5	1.64	69	28408	6.37	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.40%
11) 1,1-Dichloroethene-d2	2.25	63	51104	4.45	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	4.19	46	101198	56.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.96%
24) Chloroform-d	4.63	84	62705	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.30	65	36848	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.32	84	119546	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.32	67	38722	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.56	98	101991	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	15605	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.31	63	71799	56.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35272	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	46479	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

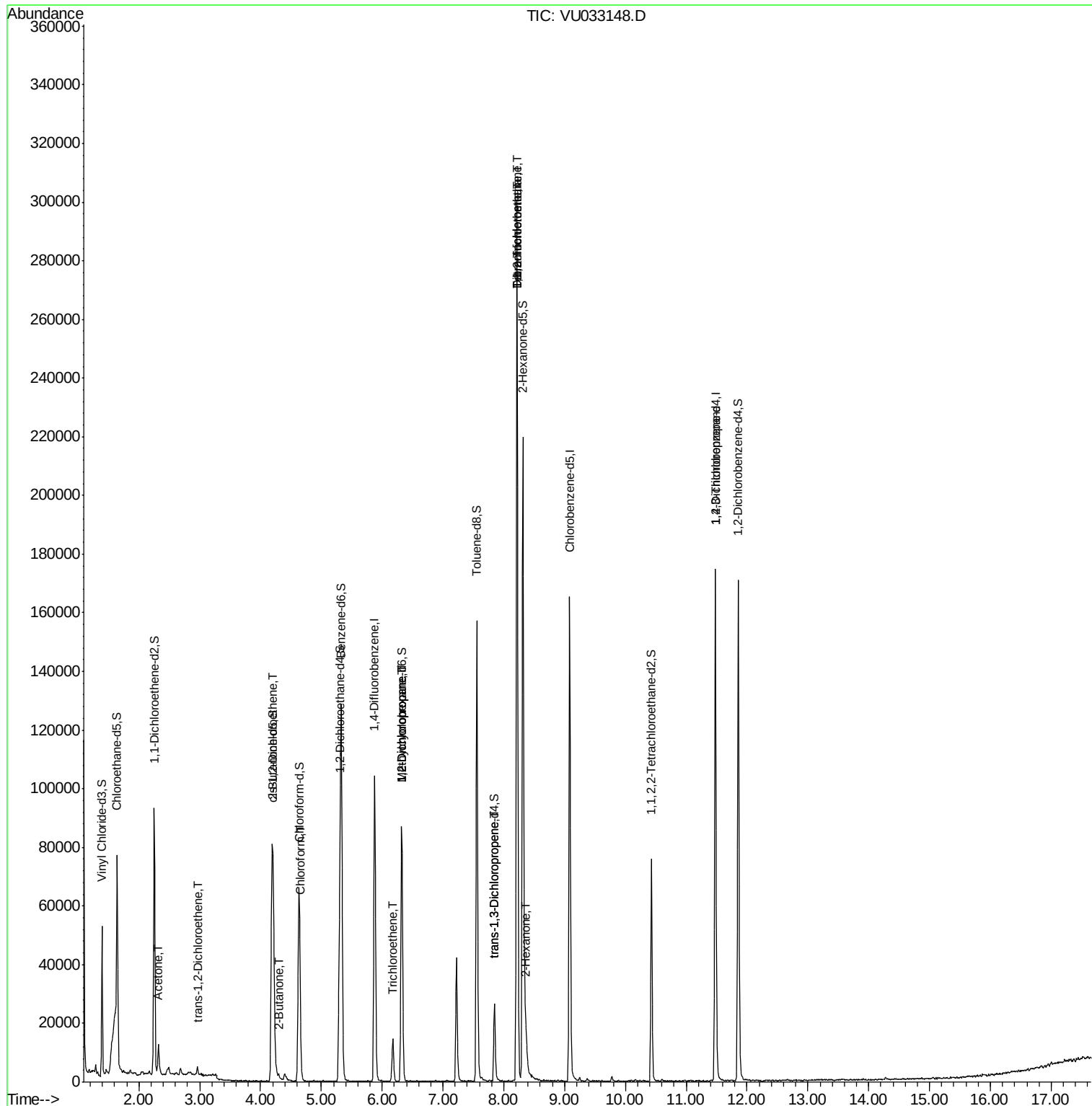
					Qvalue
13) Acetone	2.32	43	10130	7.095 ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	847	0.140 ug/L	83
21) 2-Butanone	4.30	43	2528	1.224 ug/L #	64
22) cis-1,2-Dichloroethene	4.21	96	21256	3.169 ug/L	100
25) Chloroform	4.66	83	1866	0.139 ug/L	96
34) Trichloroethene	6.18	95	4359	0.605 ug/L	92
35) Methylcyclohexane	6.32	83	8866	0.827 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4785	0.658 ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	720	0.084 ug/L	99
45) 1,1,2-Trichloroethane	8.22	97	644	0.126 ug/L #	1
47) Tetrachloroethene	8.22	164	62768	10.484 ug/L	98
48) 2-Hexanone	8.37	43	9357	2.556 ug/L #	85
49) Dibromochloromethane	8.22	129	59761	9.374 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	5849	1.183 ug/L	94

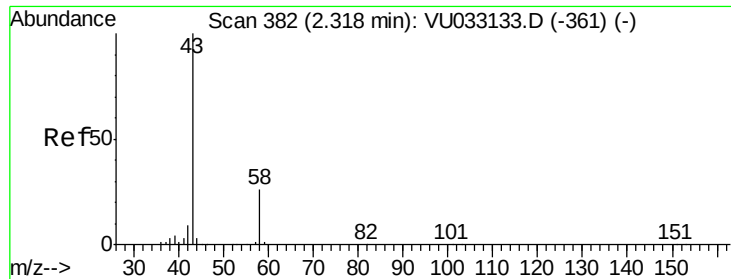
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033148.D
Acq On : 02 Jul 2019 18:11
Operator : JC/SP
Sample : K3597-06DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM63DL

Quant Time: Jul 03 02:19:25 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





#13

Acetone

Concen: 7.095 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

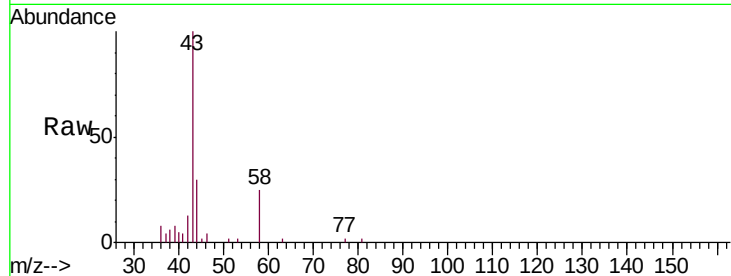
GAM63DL

Tgt Ion: 43 Resp: 10130

Ion Ratio Lower Upper

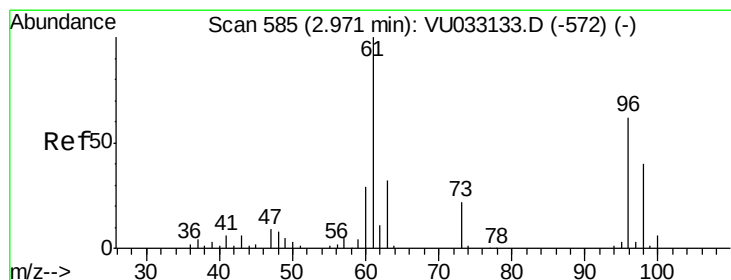
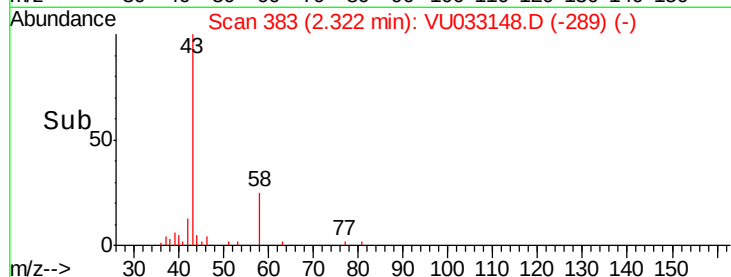
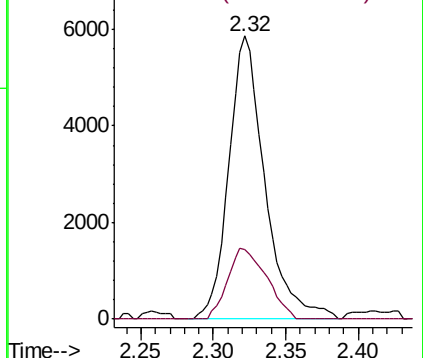
43 100

58 26.8 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU033148.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU033148.D (-361) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.140 ug/L

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

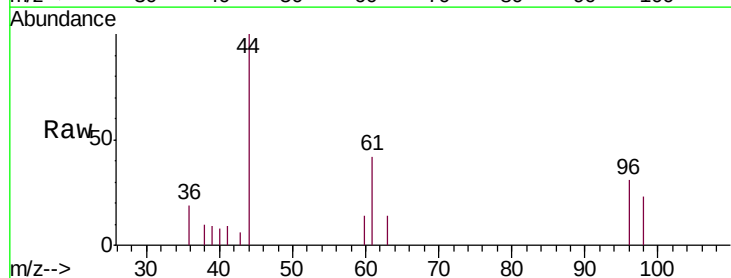
Tgt Ion: 96 Resp: 847

Ion Ratio Lower Upper

96 100

61 135.4 111.3 206.7

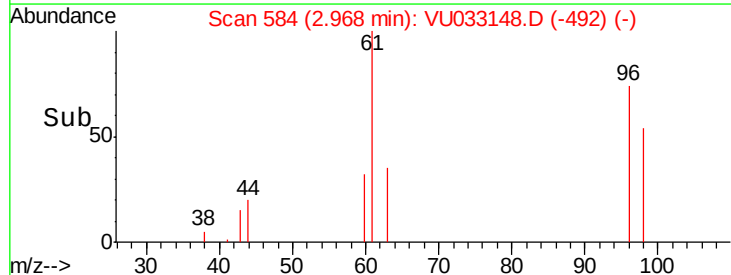
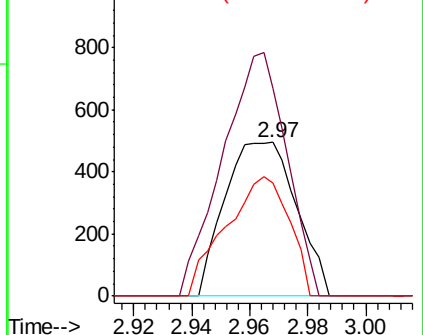
98 73.5 44.0 81.8

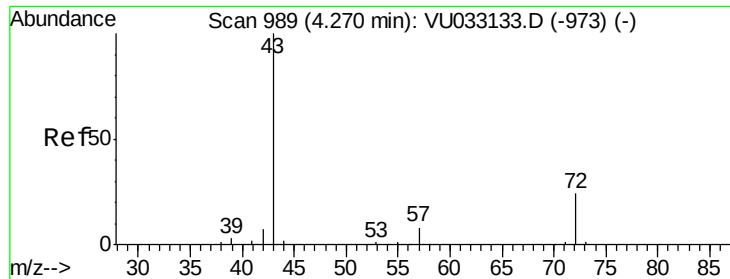


Abundance Ion 96.00 (95.70 to 96.70): VU033148.D (-492) (-)

Ion 61.05 (60.75 to 61.75): VU033148.D (-492) (-)

Ion 97.95 (97.65 to 98.65): VU033148.D (-492) (-)





#21

2-Butanone

Concen: 1.224 ug/L

RT: 4.30 min Scan# 999

Delta R.T. 0.03 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

Instrument :

MSVOA_U

ClientSampled :

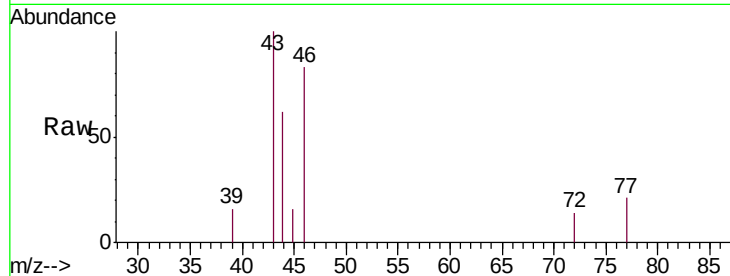
GAM63DL

Tgt Ion: 43 Resp: 2528

Ion Ratio Lower Upper

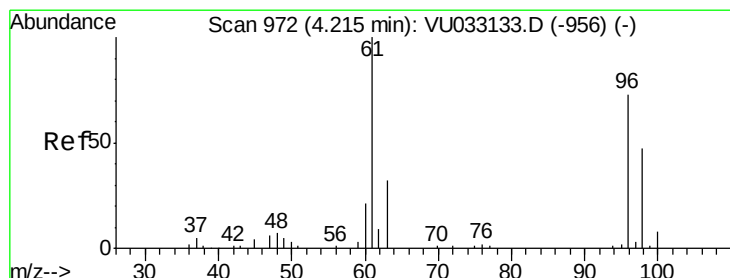
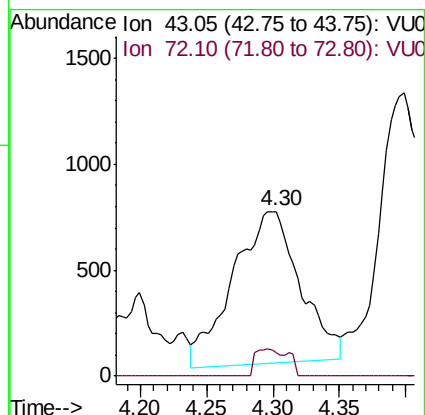
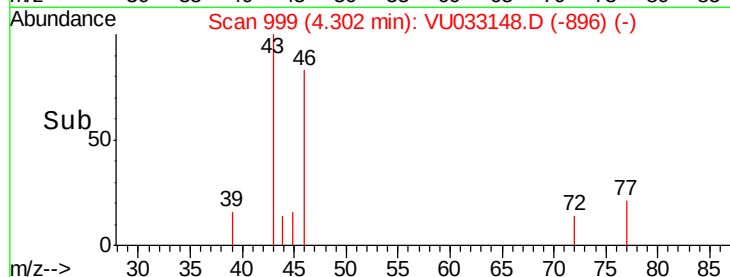
43 100

72 6.3 12.1 36.3#



Abundance Ion 43.05 (42.75 to 43.75): VU033148.D (-896) (-)

Ion 72.10 (71.80 to 72.80): VU033148.D (-896) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.169 ug/L

RT: 4.21 min Scan# 970

Delta R.T. -0.01 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

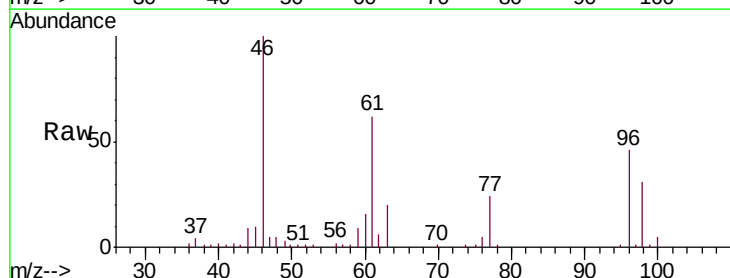
Tgt Ion: 96 Resp: 21256

Ion Ratio Lower Upper

96 100

61 133.6 93.9 174.5

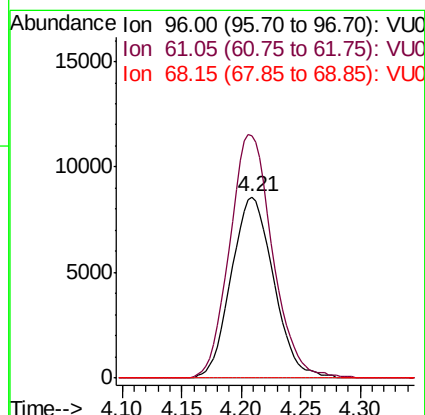
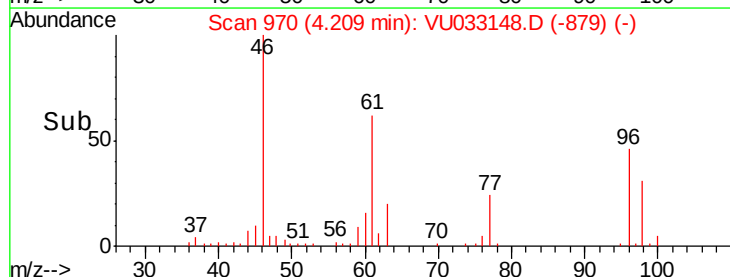
68 0.0 0.0 0.0

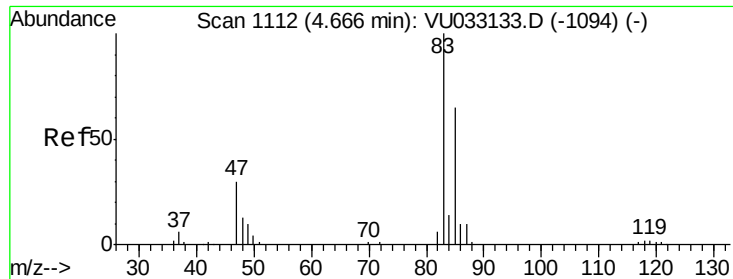


Abundance Ion 96.00 (95.70 to 96.70): VU033148.D (-879) (-)

Ion 61.05 (60.75 to 61.75): VU033148.D (-879) (-)

Ion 68.15 (67.85 to 68.85): VU033148.D (-879) (-)

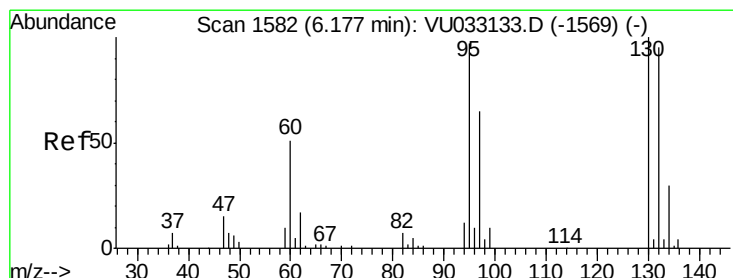
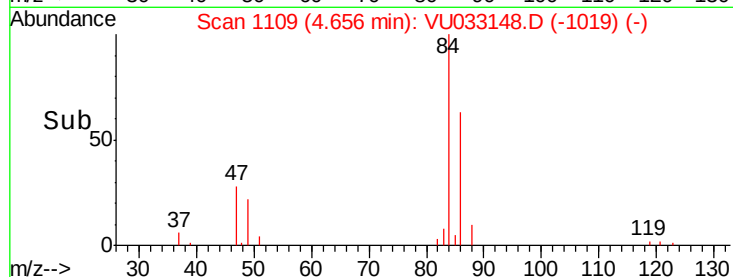
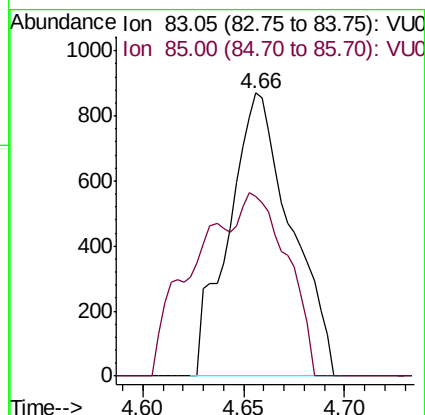
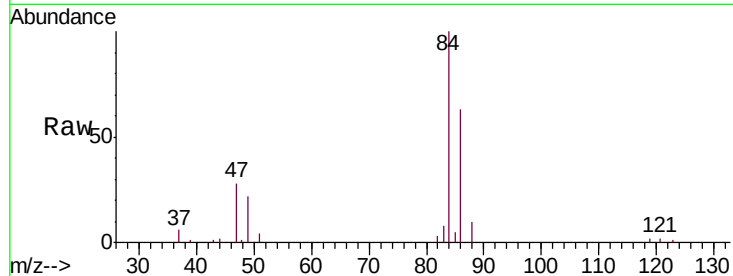




#25
Chloroform
Concen: 0.139 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VU033148.D
Acq: 02 Jul 2019 18:11

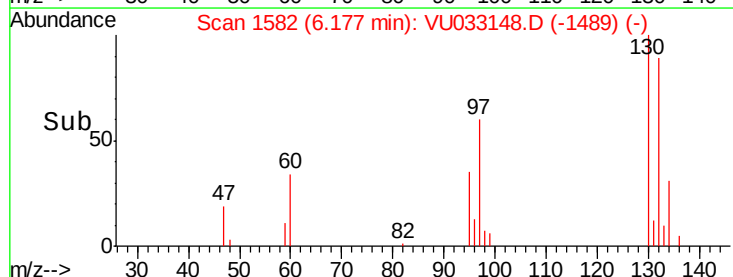
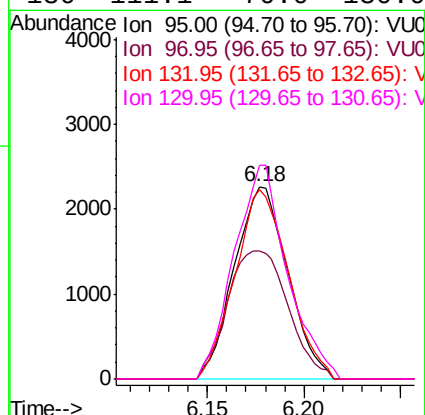
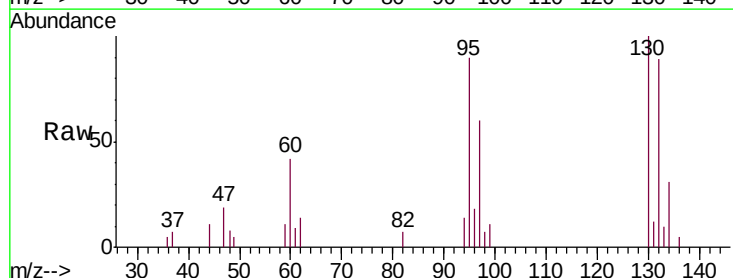
Instrument :
MSVOA_U
ClientSampleId :
GAM63DL

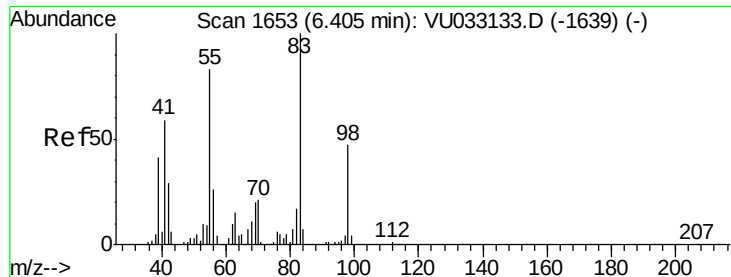
Tgt Ion: 83 Resp: 1866
Ion Ratio Lower Upper
83 100
85 63.7 46.6 86.6



#34
Trichloroethene
Concen: 0.605 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VU033148.D
Acq: 02 Jul 2019 18:11

Tgt Ion: 95 Resp: 4359
Ion Ratio Lower Upper
95 100
97 66.3 42.8 79.4
132 98.5 64.6 120.0
130 111.1 70.0 130.0

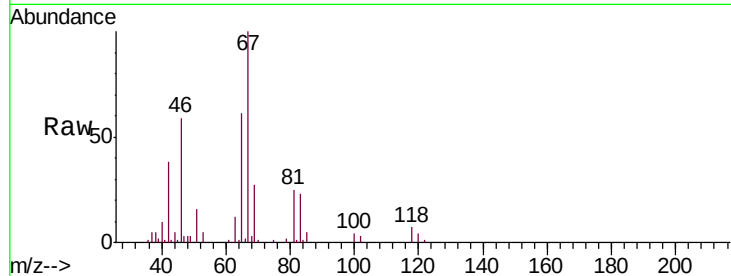




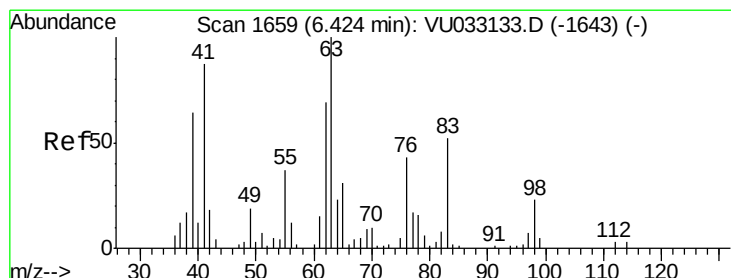
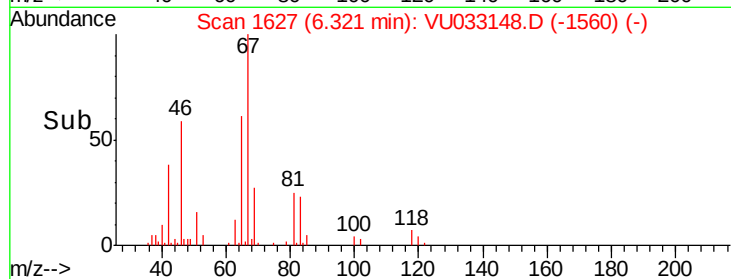
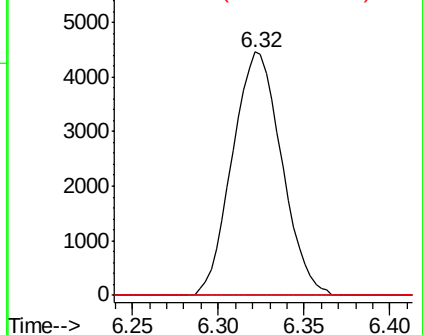
#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.08 min
Lab File: VU033148.D
Acq: 02 Jul 2019 18:11

Instrument :
MSVOA_U
ClientSampleId :
GAM63DL

Tgt Ion: 83 Resp: 8866
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 6.5 37.1 55.7#

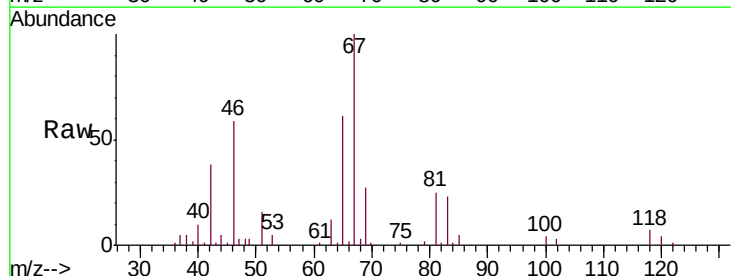


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

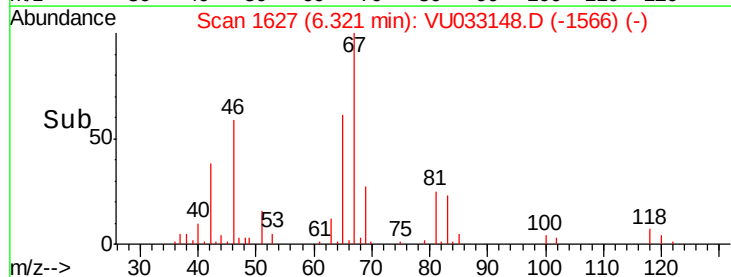
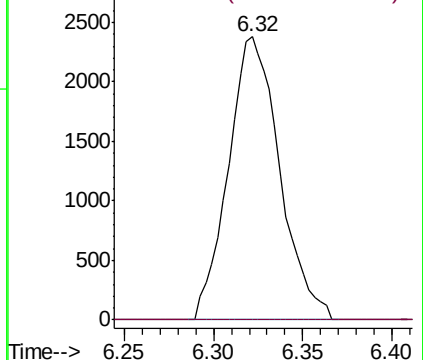


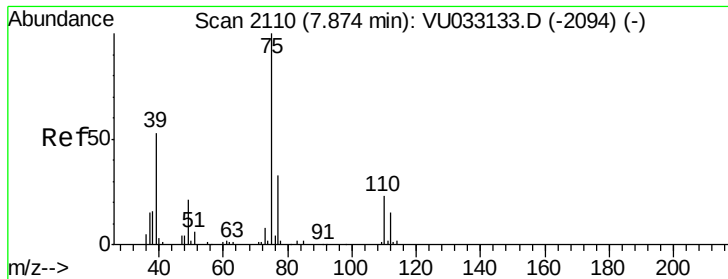
#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU033148.D
Acq: 02 Jul 2019 18:11

Tgt Ion: 63 Resp: 4785
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

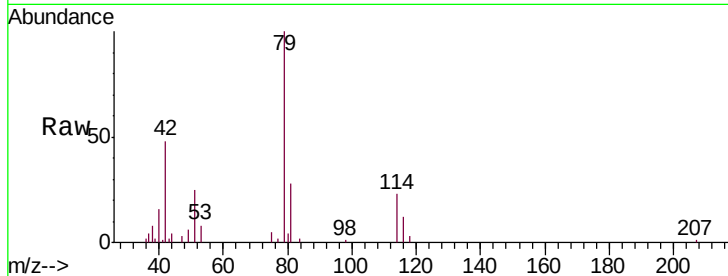
GAM63DL

Tgt Ion: 75 Resp: 720

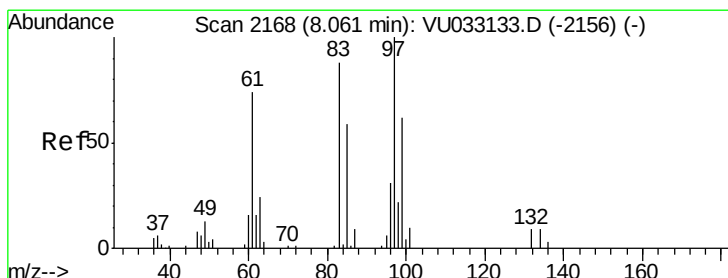
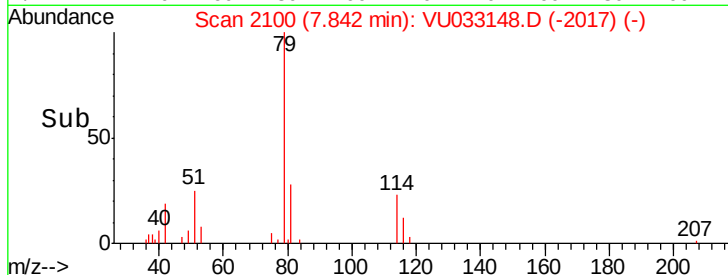
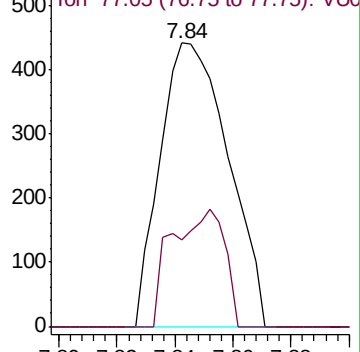
Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU033133.D (-2094) (-)



#45

1,1,2-Trichloroethane

Concen: 0.126 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. 0.16 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

Tgt Ion: 97 Resp: 644

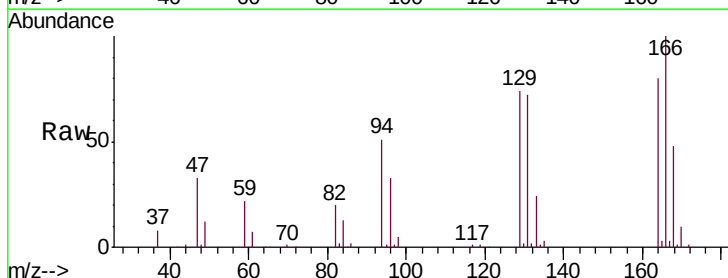
Ion Ratio Lower Upper

97 100

99 0.0 43.5 80.7#

83 235.0 60.8 112.8#

85 33.7 40.7 75.7#

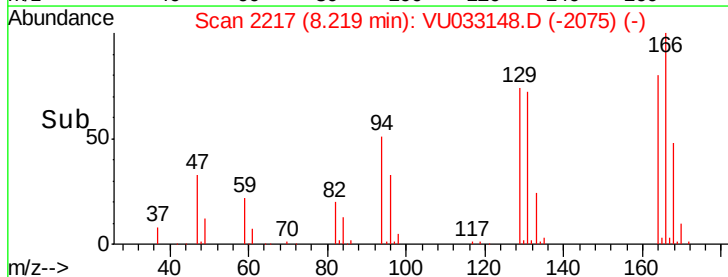
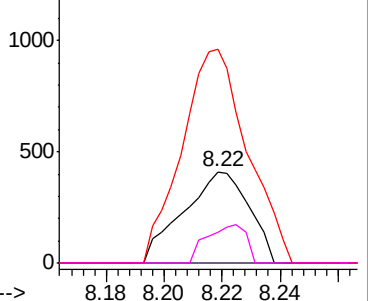


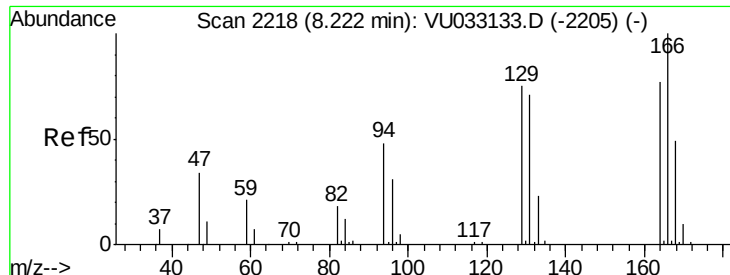
Abundance Ion 96.95 (96.65 to 97.65): VU033133.D (-2156) (-)

Ion 99.05 (98.75 to 99.75): VU033133.D (-2156) (-)

Ion 82.95 (82.65 to 83.65): VU033133.D (-2156) (-)

Ion 85.00 (84.70 to 85.70): VU033133.D (-2156) (-)





#47

Tetrachloroethene

Concen: 10.484 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

GAM63DL

Tgt Ion:164 Resp: 62768

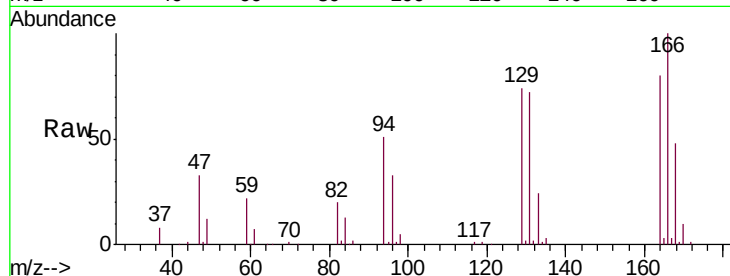
Ion Ratio Lower Upper

164 100

129 93.2 65.3 121.3

131 90.1 60.3 112.1

166 125.6 86.9 161.3

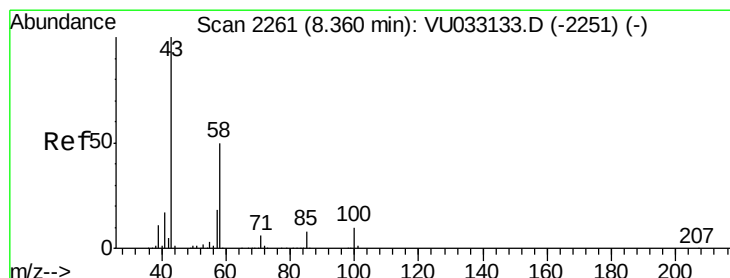
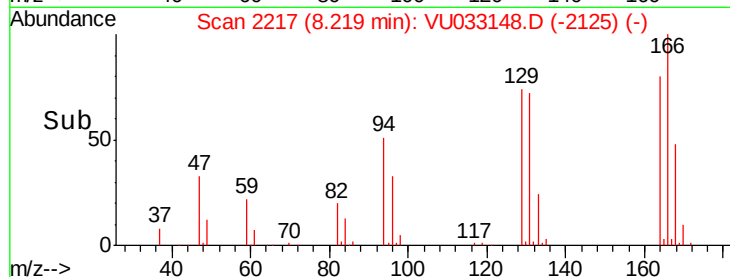
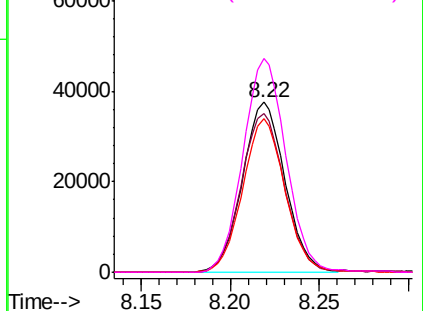


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.556 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

Tgt Ion: 43 Resp: 9357

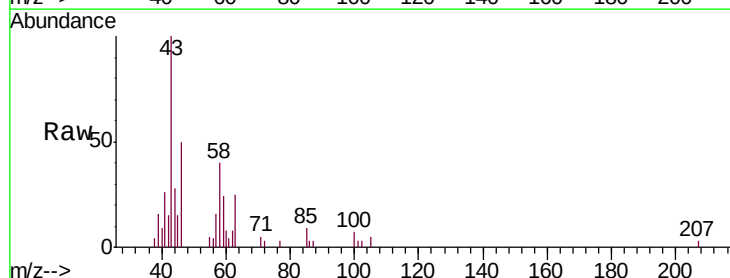
Ion Ratio Lower Upper

43 100

58 44.9 39.0 58.6

57 0.0 13.9 20.9#

100 4.4 8.6 12.8#

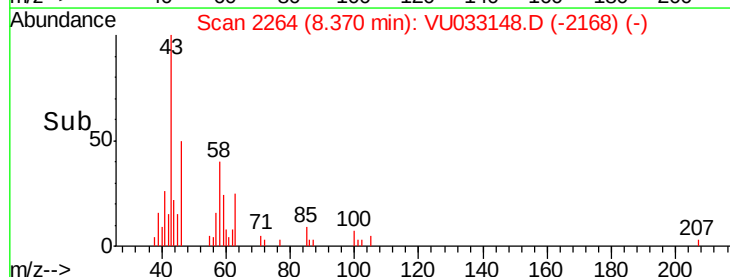
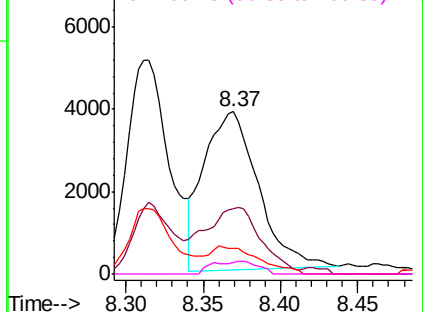


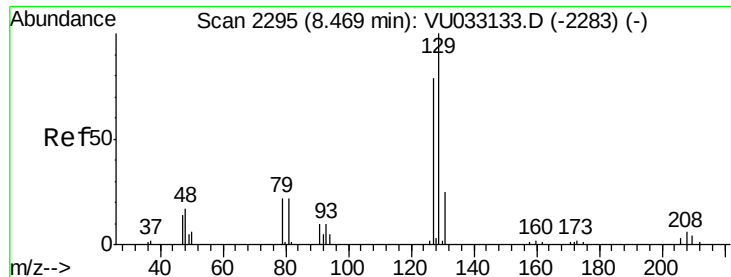
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

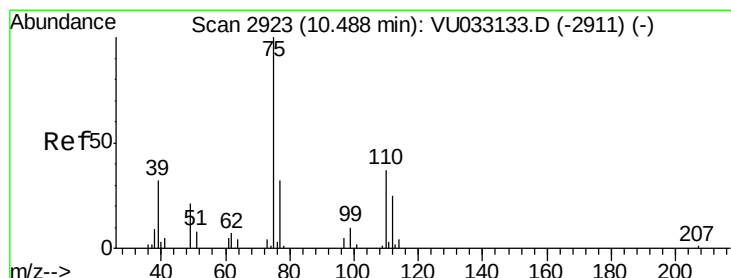
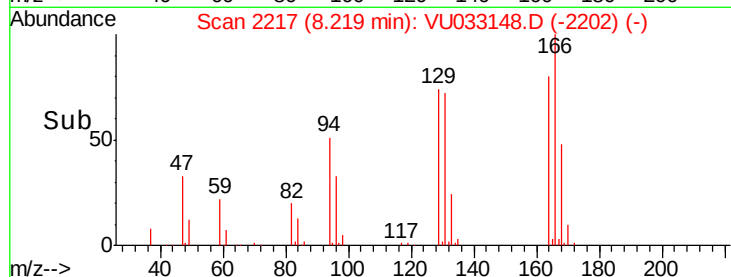
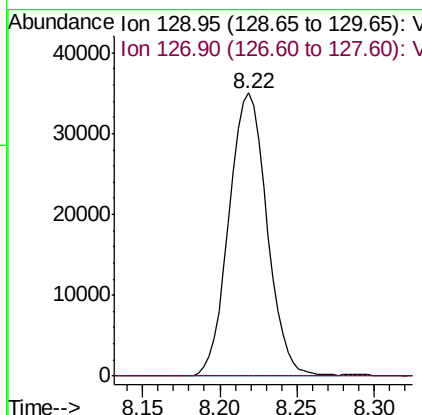
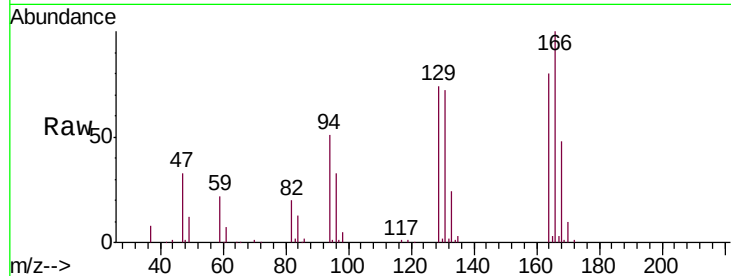




#49
 Dibromochloromethane
 Concen: 9.374 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. -0.25 min
 Lab File: VU033148.D
 Acq: 02 Jul 2019 18:11

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM63DL

Tgt Ion: 129 Resp: 59761
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.6 95.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.183 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU033148.D
 Acq: 02 Jul 2019 18:11

Tgt Ion: 75 Resp: 5849
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.8 38.8

