

Data File : VU033153.D
Acq On : 02 Jul 2019 20:11
Operator : JC/SP
Sample : K3597-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM77DL

Quant Time: Jul 03 02:20:10 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	83048	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	86909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43173	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32978	6.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	137.20%#
7) Chloroethane-d5	1.64	69	29273	6.66	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	133.20%#
11) 1,1-Dichloroethene-d2	2.25	63	50743	4.48	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	4.19	46	96280	55.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.02%
24) Chloroform-d	4.63	84	62083	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.30	65	35992	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.33	84	114053	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.32	67	37317	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	98578	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	14587	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.31	63	64901	52.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33106	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	43133	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

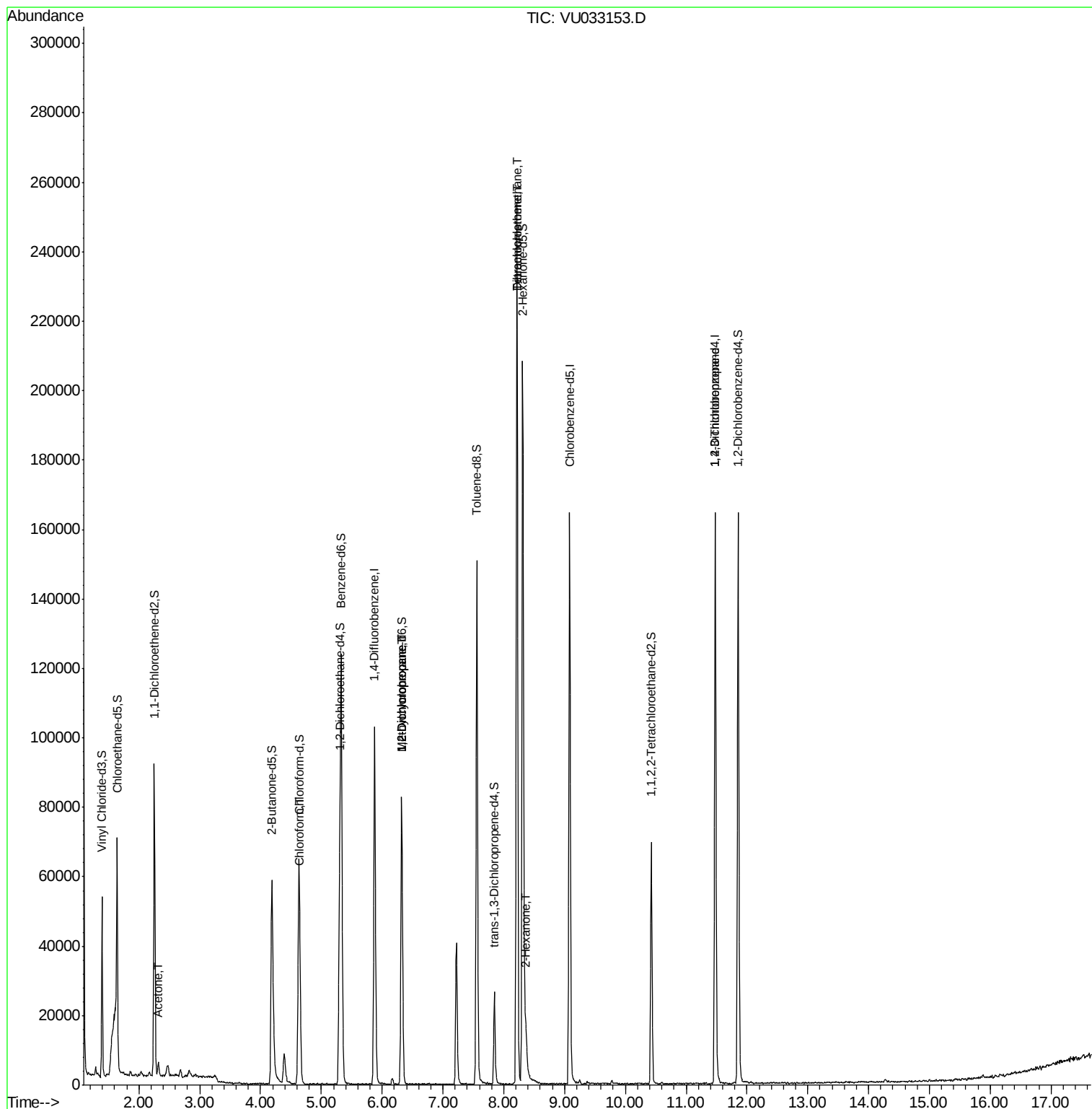
						Qvalue
13) Acetone	2.32	43	3959	2.814	ug/L	92
25) Chloroform	4.66	83	1887	0.142	ug/L	98
35) Methylcyclohexane	6.32	83	8943	0.860	ug/L #	17
37) 1,2-Dichloropropane	6.32	63	4619	0.656	ug/L #	88
47) Tetrachloroethene	8.22	164	53432	9.206	ug/L	97
48) 2-Hexanone	8.36	43	7573	2.134	ug/L #	83
49) Dibromochloromethane	8.22	129	51704	8.366	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	6288	1.312	ug/L	97

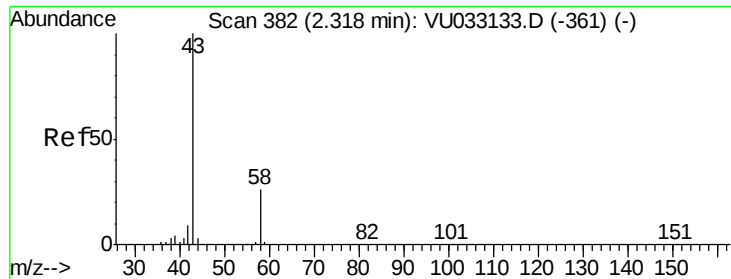
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033153.D
Acq On : 02 Jul 2019 20:11
Operator : JC/SP
Sample : K3597-20DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM77DL

Quant Time: Jul 03 02:20:10 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: 2.814 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033153.D

Acq: 02 Jul 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

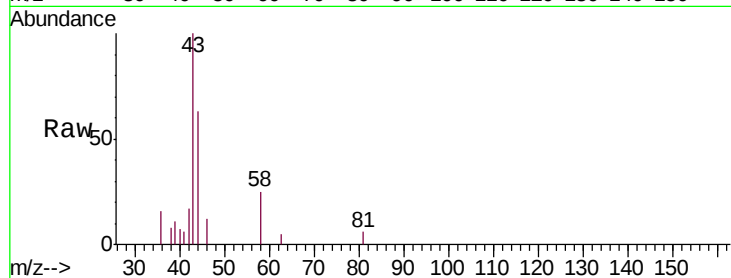
GAM77DL

Tgt Ion: 43 Resp: 3959

Ion Ratio Lower Upper

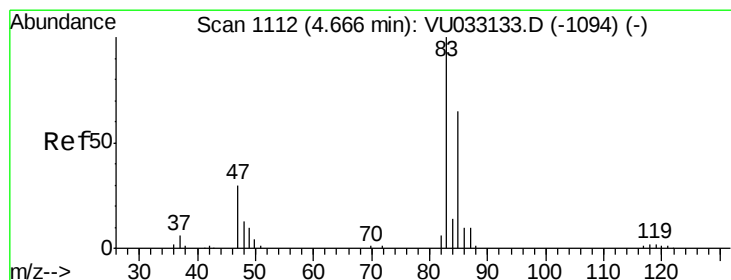
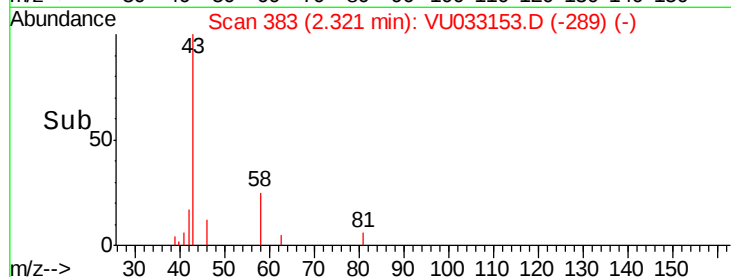
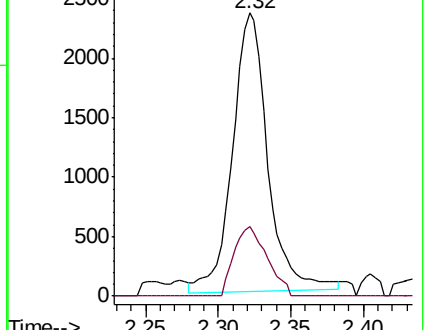
43 100

58 23.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU033153.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU033153.D (-361) (-)



#25

Chloroform

Concen: 0.142 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VU033153.D

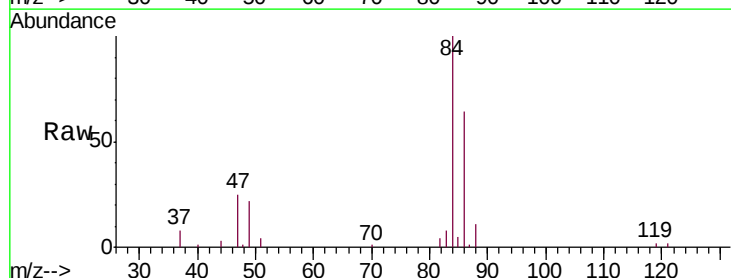
Acq: 02 Jul 2019 20:11

Tgt Ion: 83 Resp: 1887

Ion Ratio Lower Upper

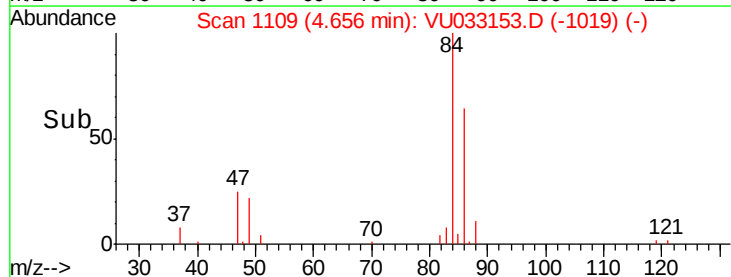
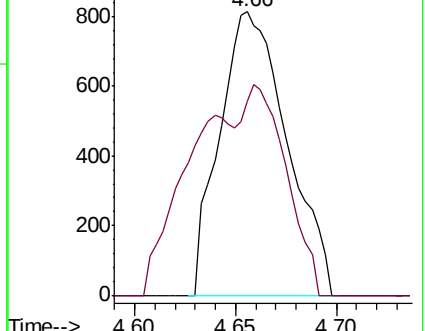
83 100

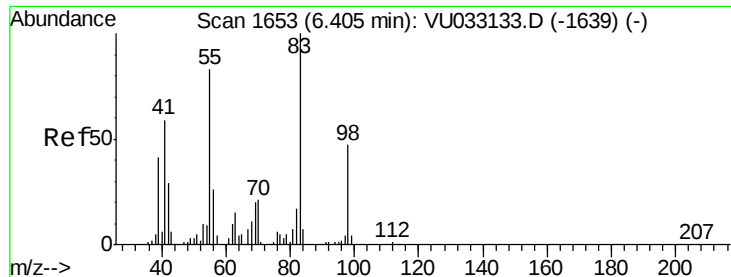
85 68.3 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VU033153.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU033153.D (-1094) (-)

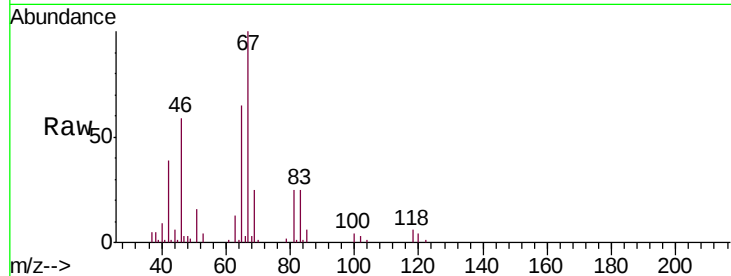




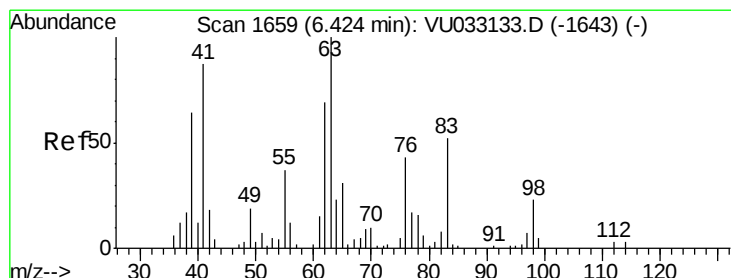
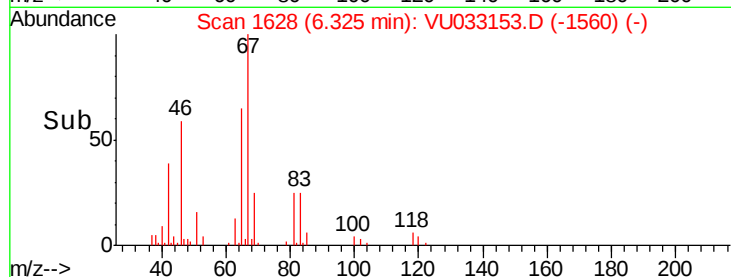
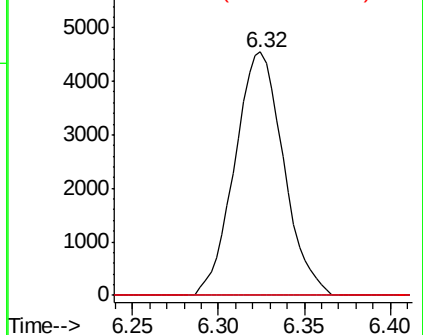
#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033153.D
Acq: 02 Jul 2019 20:11

Instrument :
MSVOA_U
ClientSampleId :
GAM77DL

Tgt Ion: 83 Resp: 8943
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 2.0 37.1 55.7#

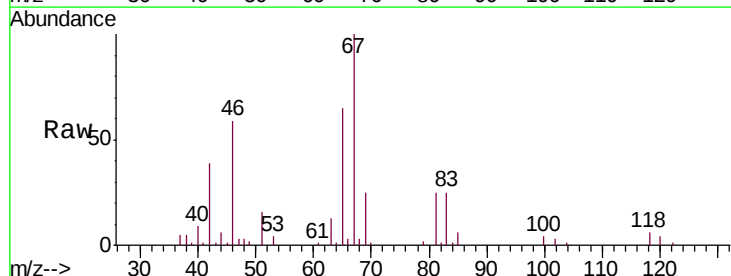


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

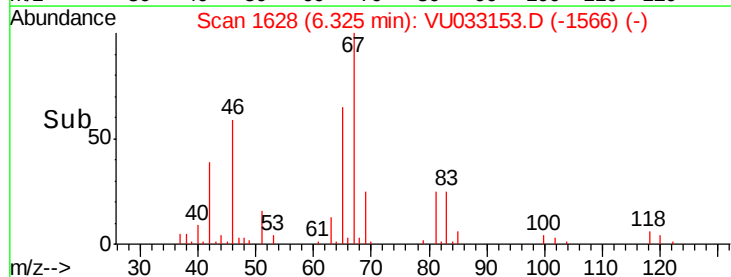
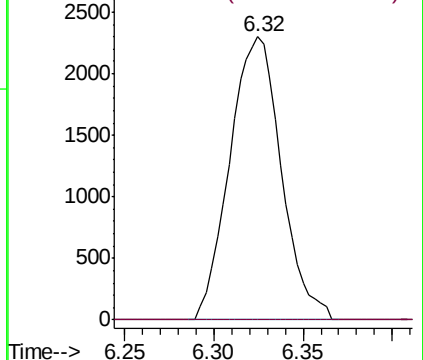


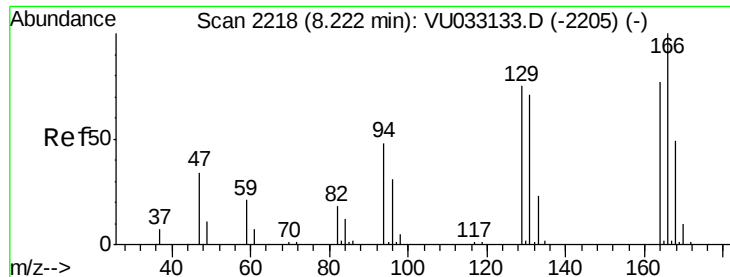
#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU033153.D
Acq: 02 Jul 2019 20:11

Tgt Ion: 63 Resp: 4619
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





#47

Tetrachloroethene

Concen: 9.206 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033153.D

Acq: 02 Jul 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

GAM77DL

Tgt Ion:164 Resp: 53432

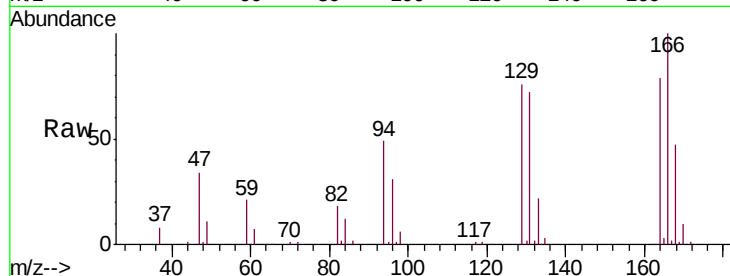
Ion Ratio Lower Upper

164 100

129 95.6 65.3 121.3

131 90.8 60.3 112.1

166 126.3 86.9 161.3

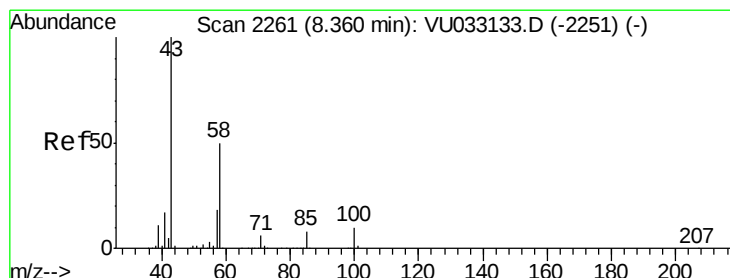
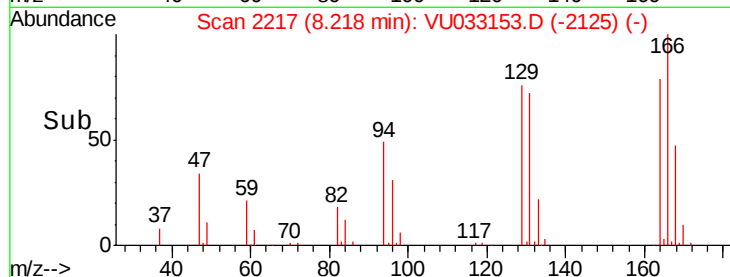
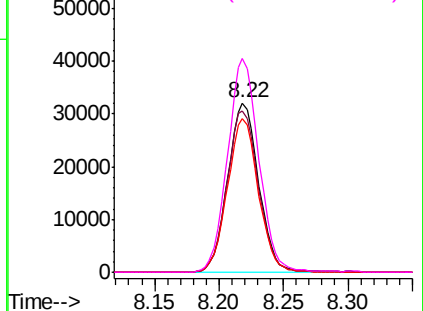


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.134 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU033153.D

Acq: 02 Jul 2019 20:11

Tgt Ion: 43 Resp: 7573

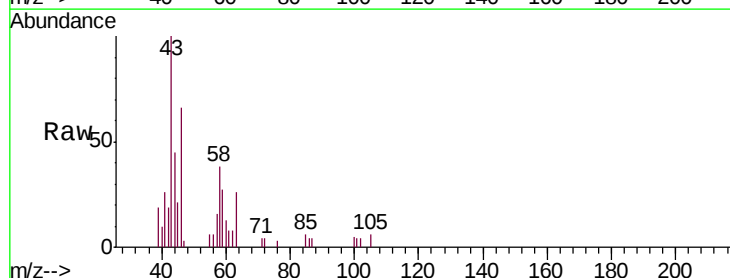
Ion Ratio Lower Upper

43 100

58 33.3 39.0 58.6#

57 18.4 13.9 20.9

100 4.0 8.6 12.8#

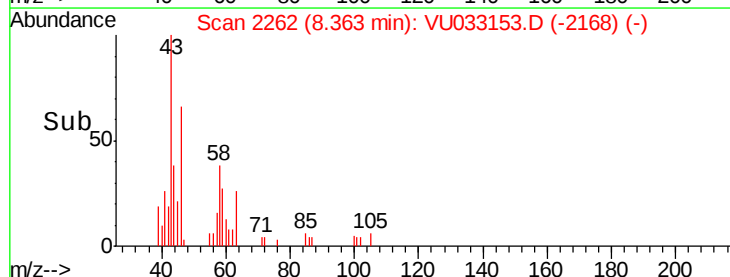
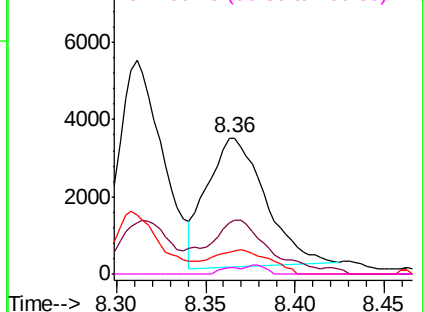


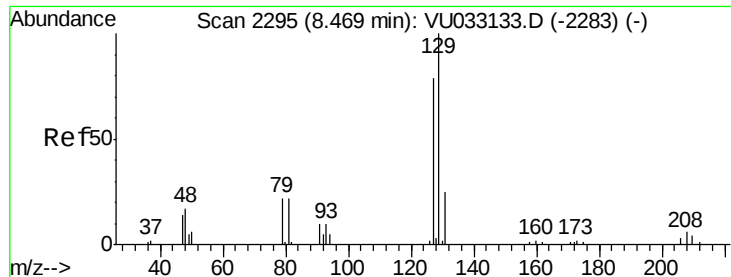
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

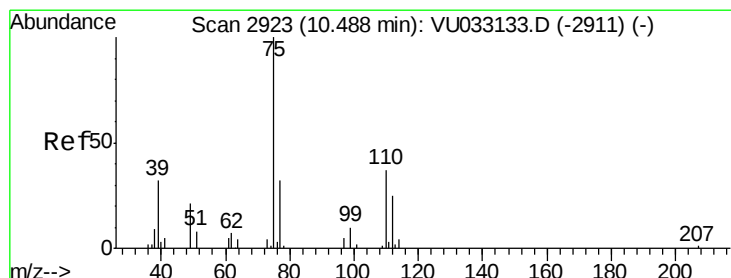
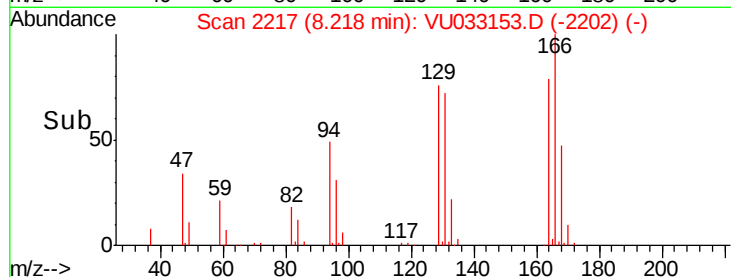
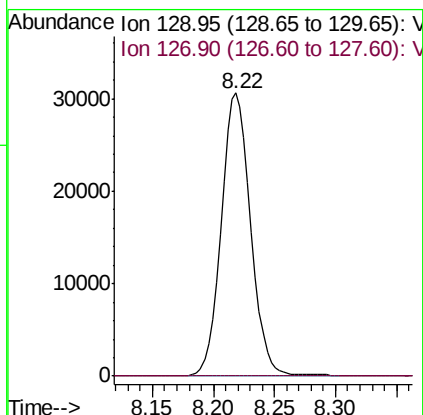
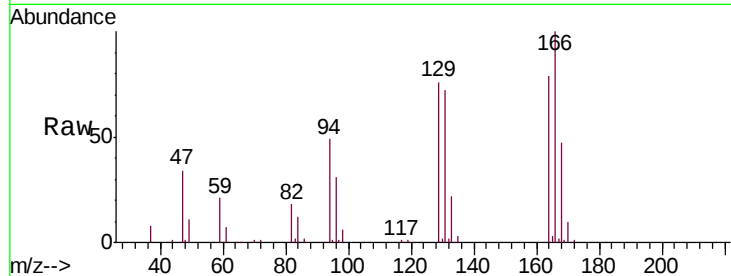




#49
Dibromochloromethane
Concen: 8.366 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033153.D
Acq: 02 Jul 2019 20:11

Instrument :
MSVOA_U
ClientSampleId :
GAM77DL

Tgt Ion: 129 Resp: 51704
Ion Ratio Lower Upper
129 100
127 0.0 51.6 95.8#



#59
1,2,3-Trichloropropane
Concen: 1.312 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033153.D
Acq: 02 Jul 2019 20:11

Tgt Ion: 75 Resp: 6288
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8

