

Data File : VU033096.D
Acq On : 29 Jun 2019 01:33
Operator : JC/SP
Sample : K3597-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM77

Quant Time: Jun 29 03:32:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 03:29:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	84711	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37001	6.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.20%#
7) Chloroethane-d5	1.68	69	29089	6.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.20%
11) 1,1-Dichloroethene-d2	2.27	63	56261	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.19	46	91926	53.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.64	84	64213	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.31	65	36119	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.33	84	120286	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.32	67	39153	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.56	98	105260	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	14875	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.31	63	63532	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30735	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	45407	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

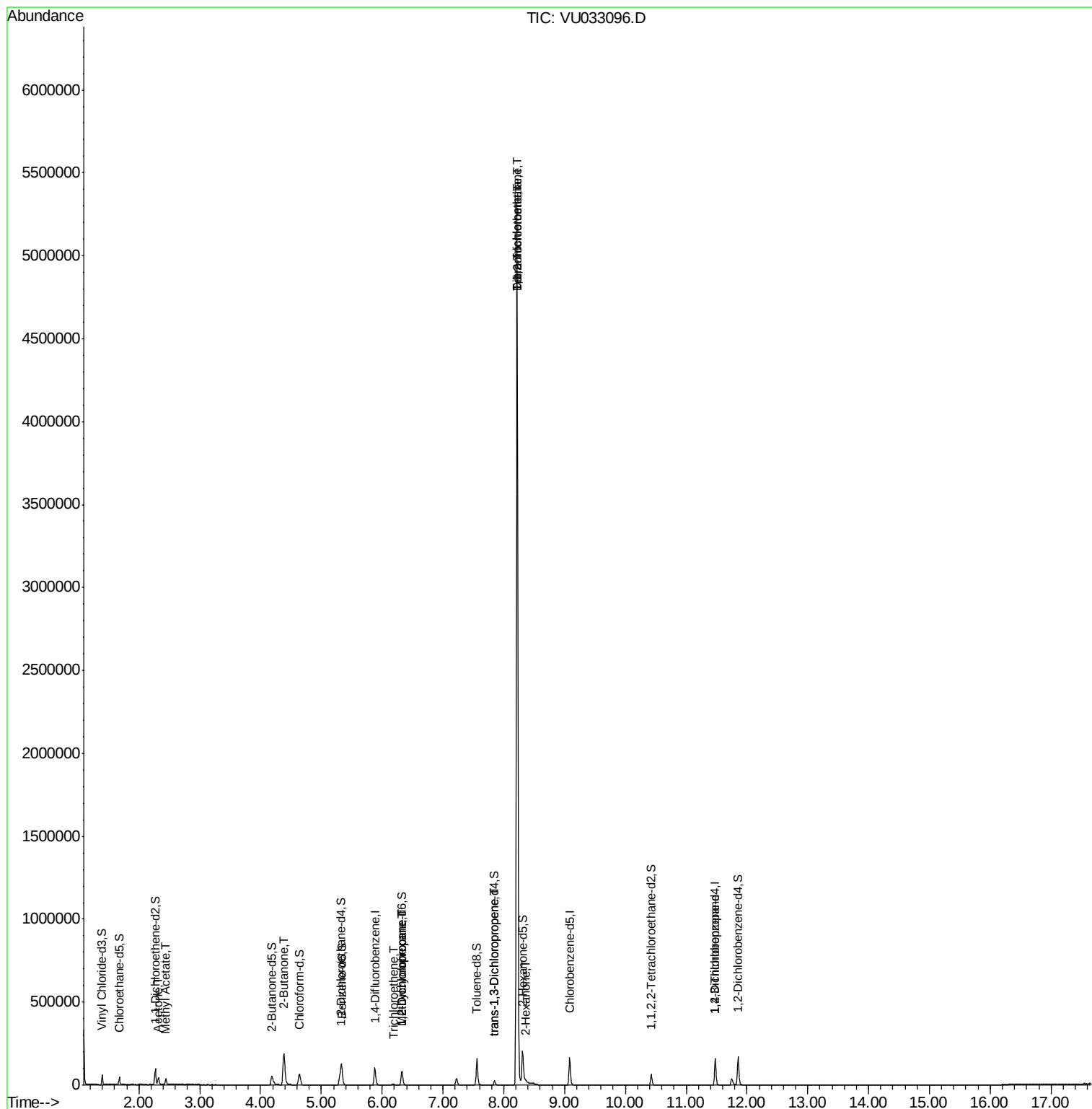
					Qvalue
13) Acetone	2.32	43	46393	32.161	ug/L 99
15) Methyl Acetate	2.44	43	8558	2.565	ug/L # 56
21) 2-Butanone	4.39	43	288170	141.913	ug/L # 53
34) Trichloroethene	6.18	95	2508	0.347	ug/L 78
35) Methylcyclohexane	6.32	83	9187	0.854	ug/L # 16
37) 1,2-Dichloropropane	6.32	63	4542	0.642	ug/L # 87
44) trans-1,3-Dichloropropene	7.84	75	770	0.092	ug/L 87
45) 1,1,2-Trichloroethane	8.22	97	10036	2.022	ug/L # 6
47) Tetrachloroethene	8.22	164	1097012	188.678	ug/L 97
48) 2-Hexanone	8.36	43	5476	1.569	ug/L # 93
49) Dibromochloromethane	8.22	129	1044291	165.840	ug/L # 11
59) 1,2,3-Trichloropropane	11.48	75	5395	1.139	ug/L 91

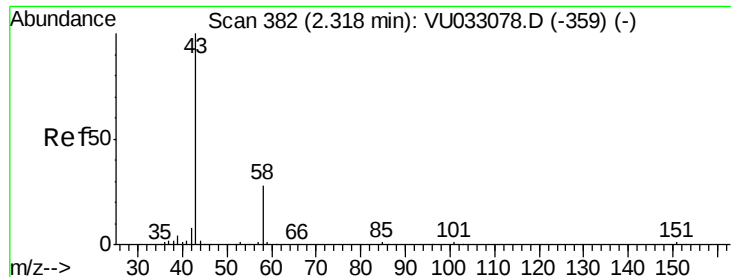
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 32.161 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033096.D

Acq: 29 Jun 2019 01:33

Instrument :

MSVOA_U

ClientSampleId :

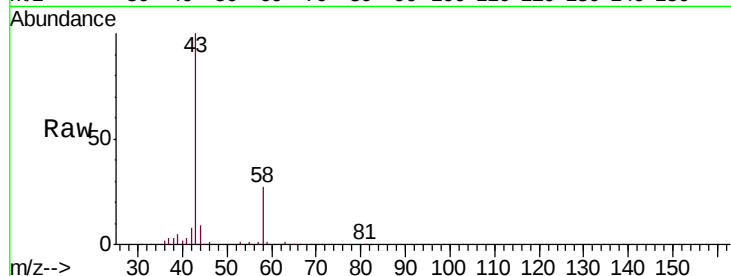
GAM77

Tgt Ion: 43 Resp: 46393

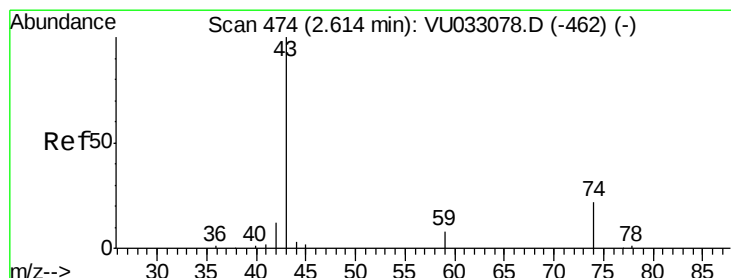
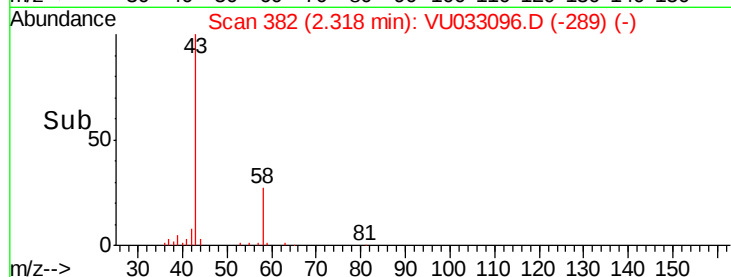
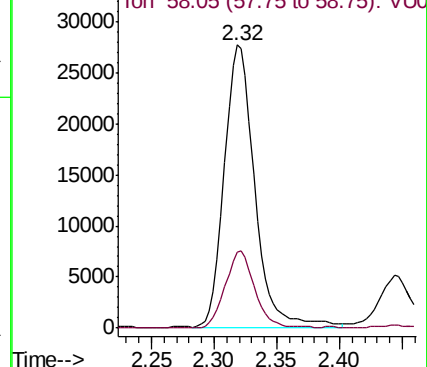
Ion Ratio Lower Upper

43 100

58 26.5 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033096.D (-359) (-)



#15

Methyl Acetate

Concen: 2.565 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU033096.D

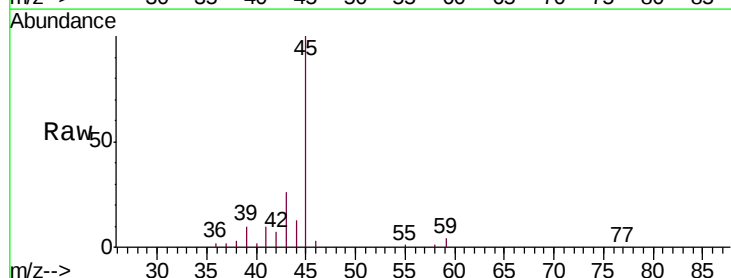
Acq: 29 Jun 2019 01:33

Tgt Ion: 43 Resp: 8558

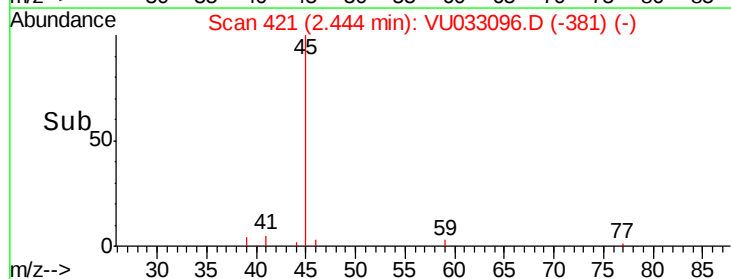
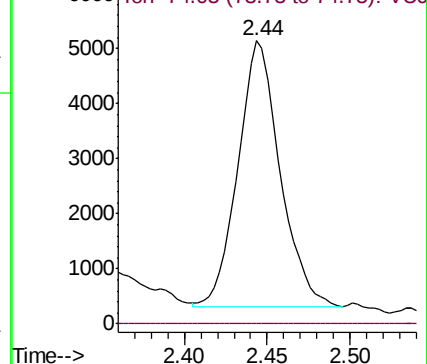
Ion Ratio Lower Upper

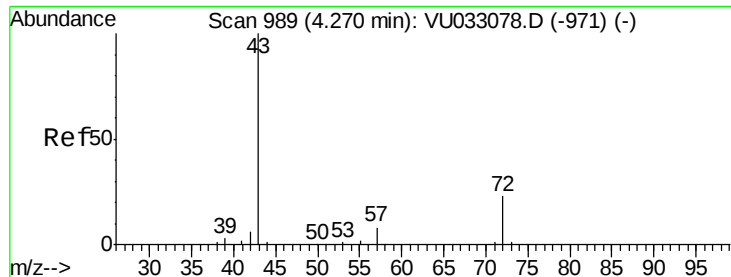
43 100

74 0.0 16.1 24.1#



Abundance Ion 43.05 (42.75 to 43.75): VU033096.D (-381) (-)





#21

2-Butanone

Concen: 141.913 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.12 min

Lab File: VU033096.D

Acq: 29 Jun 2019 01:33

Instrument :

MSVOA_U

ClientSampleId :

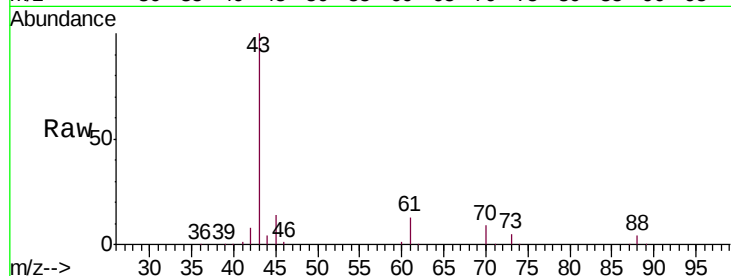
GAM77

Tgt Ion: 43 Resp: 288170

Ion Ratio Lower Upper

43 100

72 0.2 11.5 34.5#



Abundance Ion 43.05 (42.75 to 43.75): VU033078.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU033078.D (-971) (-)

4.39

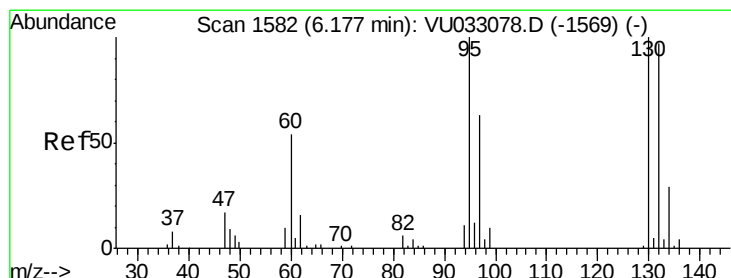
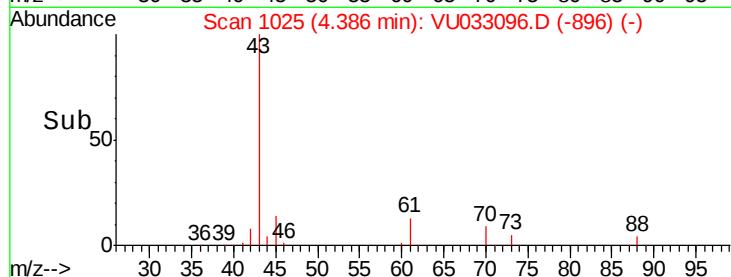
100000

50000

0

4.30 4.40 4.50 4.60

Time-->



#34

Trichloroethene

Concen: 0.347 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VU033096.D

Acq: 29 Jun 2019 01:33

Tgt Ion: 95 Resp: 2508

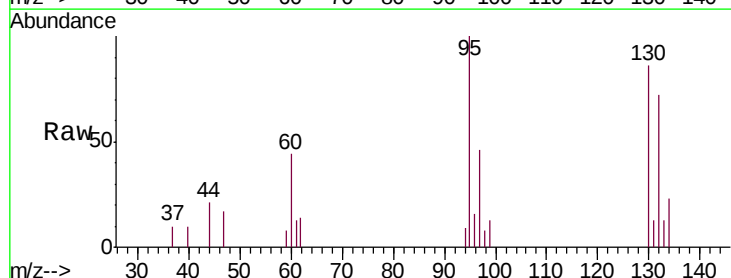
Ion Ratio Lower Upper

95 100

97 46.2 46.0 85.4

132 71.9 68.6 127.4

130 86.4 71.1 132.1



Abundance Ion 95.00 (94.70 to 95.70): VU033078.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU033078.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU033078.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU033078.D (-1569) (-)

2000

1500

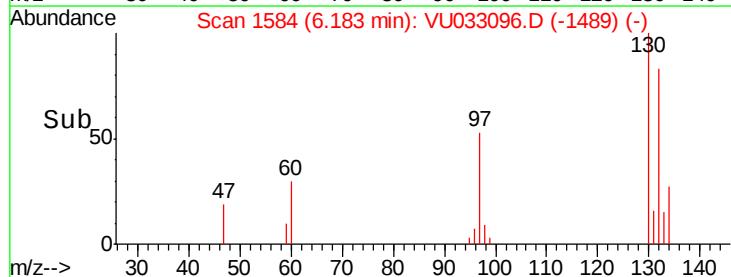
1000

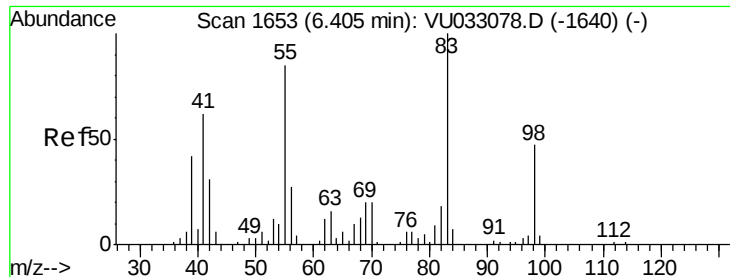
500

0

6.15 6.20

Time-->

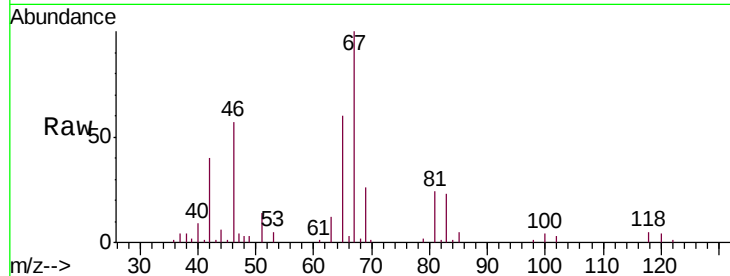




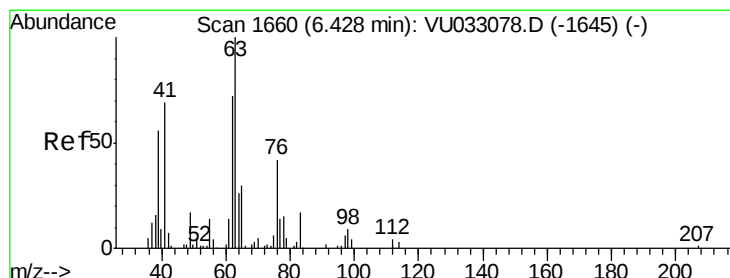
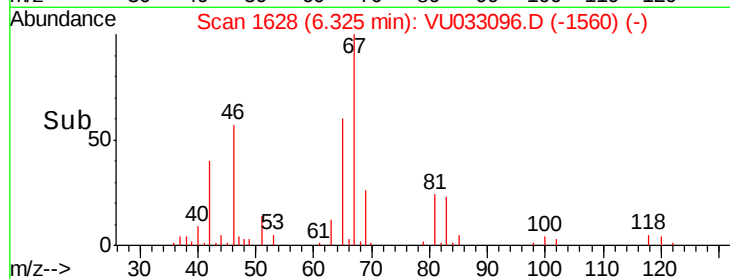
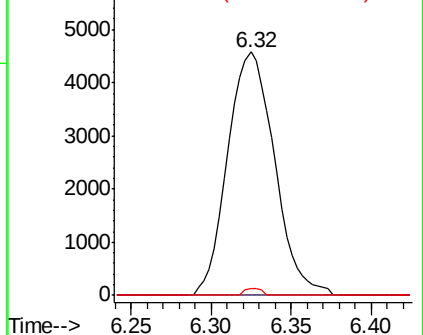
#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033096.D
Acq: 29 Jun 2019 01:33

Instrument :
MSVOA_U
ClientSampleId :
GAM77

Tgt Ion: 83 Resp: 9187
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.9 37.7 56.5#

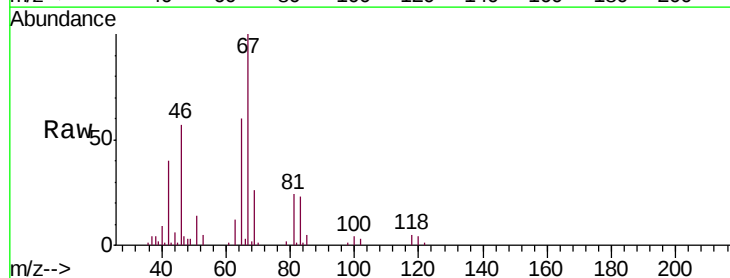


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

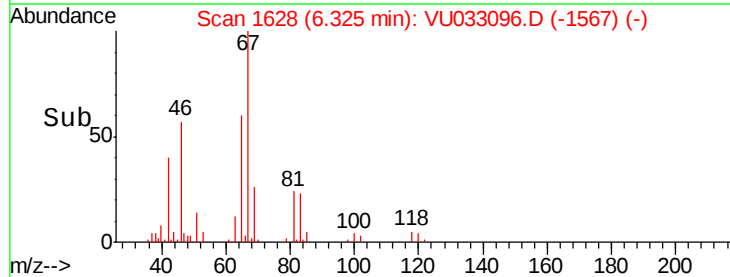
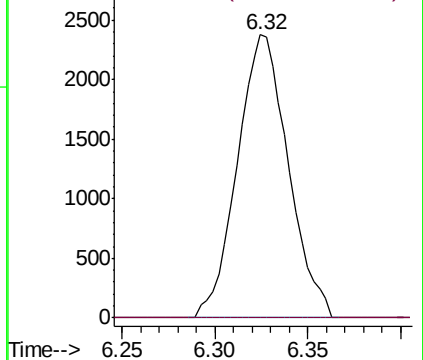


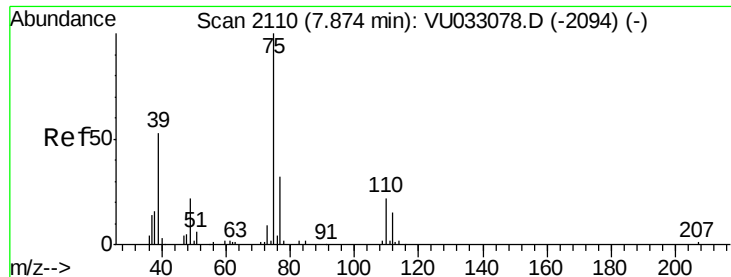
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU033096.D
Acq: 29 Jun 2019 01:33

Tgt Ion: 63 Resp: 4542
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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: 0.092 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU033096.D

Acq: 29 Jun 2019 01:33

Instrument :

MSVOA_U

ClientSampleId :

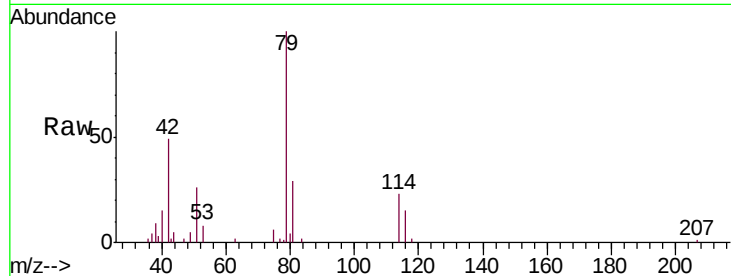
GAM77

Tgt Ion: 75 Resp: 770

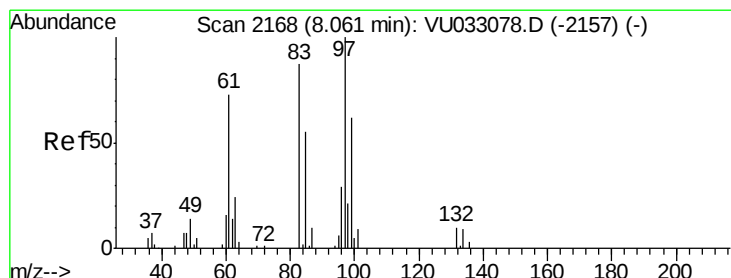
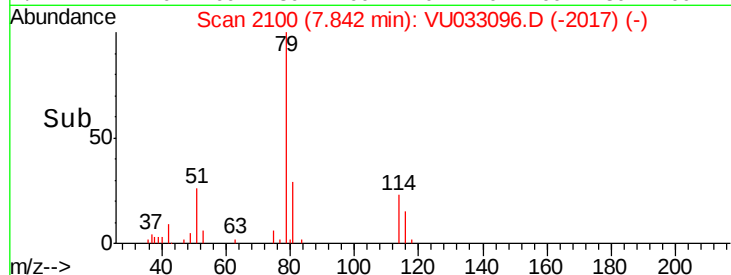
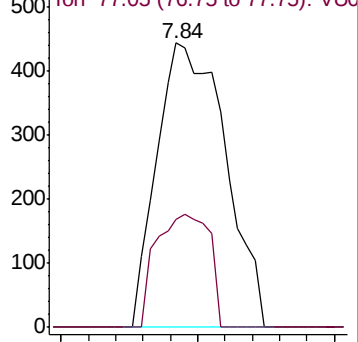
Ion Ratio Lower Upper

75 100

77 37.9 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU033078.D (-2094) (-)



#45

1,1,2-Trichloroethane

Concen: 2.022 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. 0.16 min

Lab File: VU033096.D

Acq: 29 Jun 2019 01:33

Tgt Ion: 97 Resp: 10036

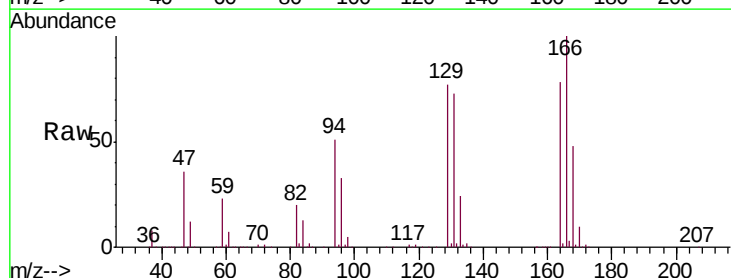
Ion Ratio Lower Upper

97 100

99 17.8 44.7 83.1#

83 242.0 62.6 116.2#

85 38.7 40.5 75.1#

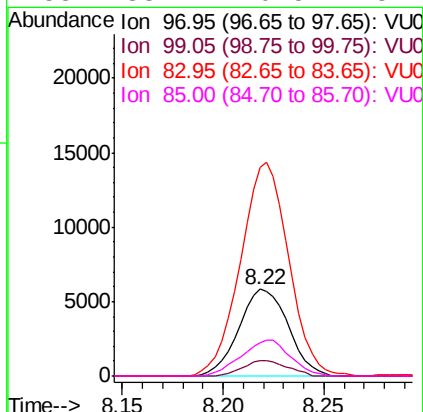
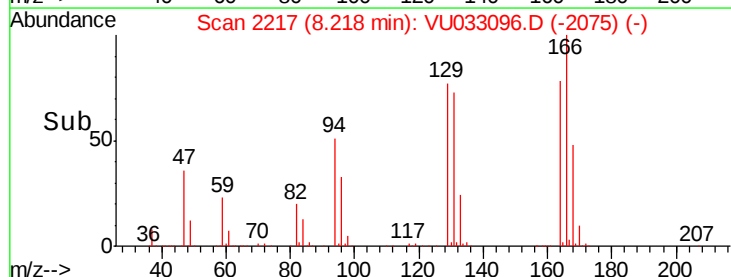


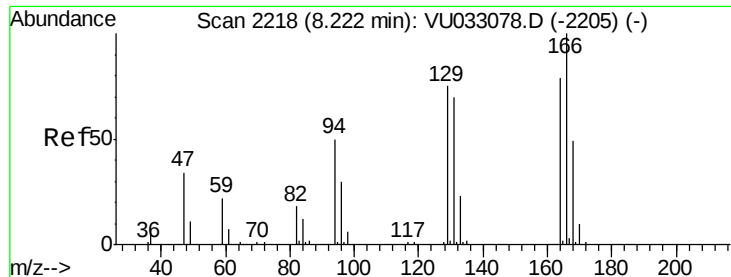
Abundance Ion 96.95 (96.65 to 97.65): VU033078.D (-2157) (-)

Ion 99.05 (98.75 to 99.75): VU033078.D (-2157) (-)

Ion 82.95 (82.65 to 83.65): VU033078.D (-2157) (-)

Ion 85.00 (84.70 to 85.70): VU033078.D (-2157) (-)





#47

Tetrachloroethene

Concen: 188.678 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU033096.D

Acq: 29 Jun 2019 01:33

Instrument :

MSVOA_U

ClientSampleId :

GAM77

Tgt Ion:164 Resp: 1097012

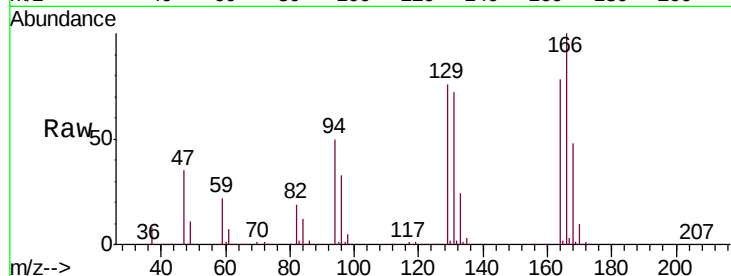
Ion Ratio Lower Upper

164 100

129 97.7 64.9 120.5

131 93.1 63.5 117.9

166 128.6 89.1 165.5

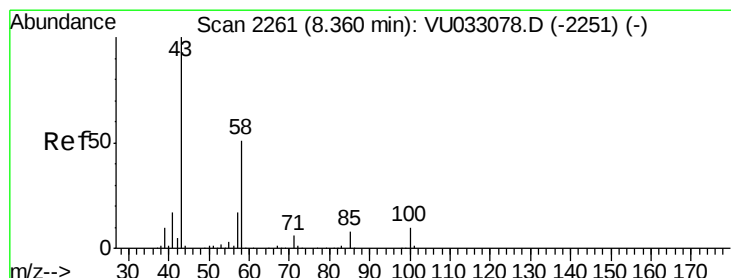
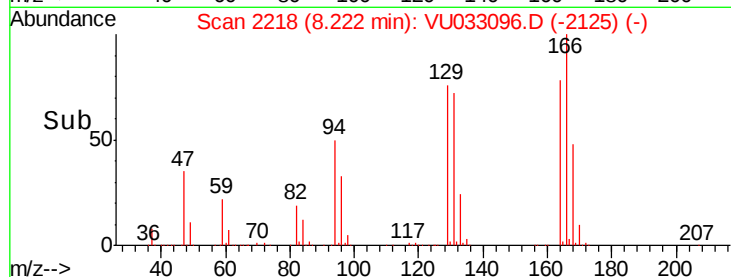
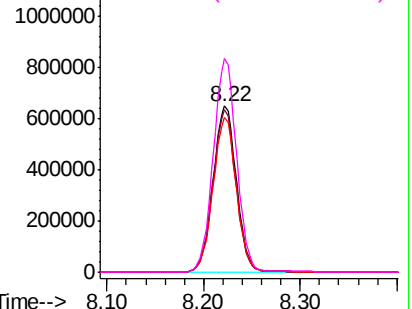


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.569 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU033096.D

Acq: 29 Jun 2019 01:33

Tgt Ion: 43 Resp: 5476

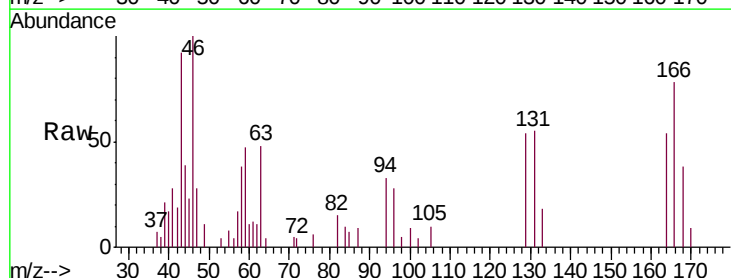
Ion Ratio Lower Upper

43 100

58 47.5 40.0 60.0

57 23.4 14.0 21.0#

100 6.2 7.9 11.9#

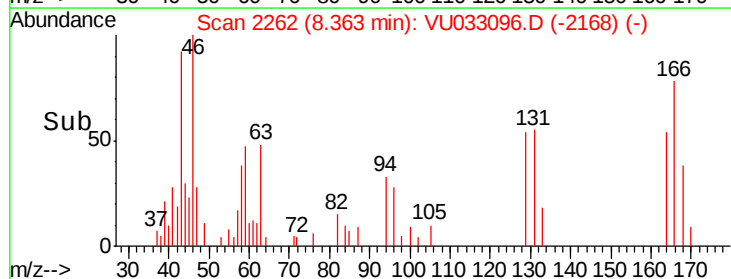
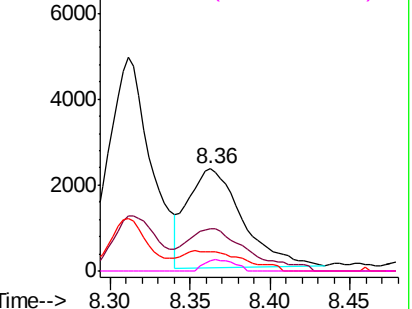


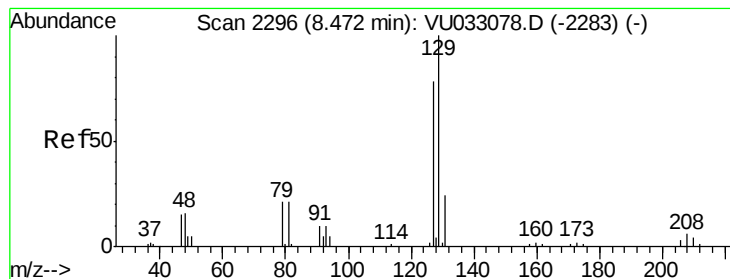
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 165.840 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU033096.D

Acq: 29 Jun 2019 01:33

Instrument :

MSVOA_U

ClientSampled :

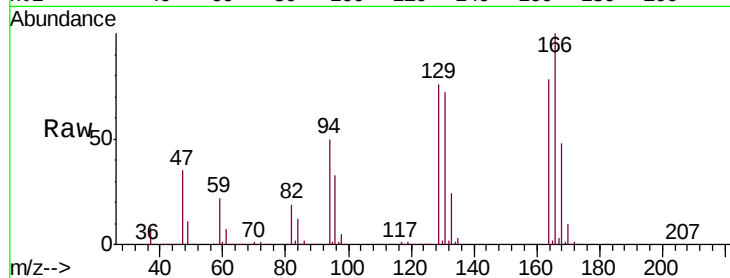
GAM77

Tgt Ion:129 Resp: 1044291

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

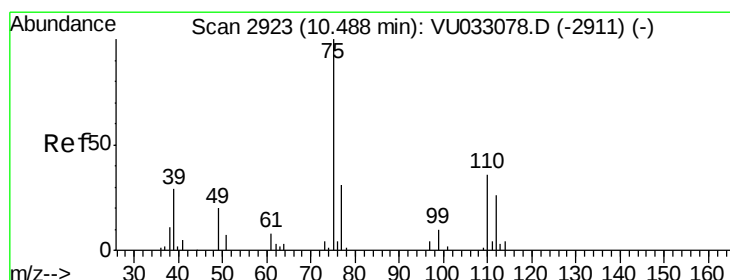
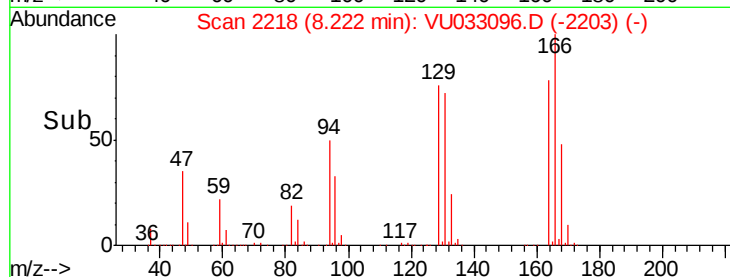
600000

400000

200000

0

Time--> 8.15 8.20 8.25 8.30 8.35



#59

1,2,3-Trichloropropane

Concen: 1.139 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033096.D

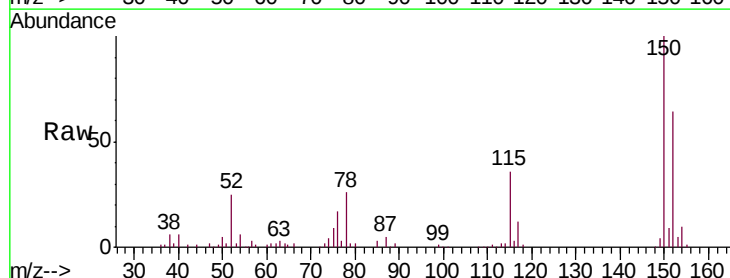
Acq: 29 Jun 2019 01:33

Tgt Ion: 75 Resp: 5395

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

4000

3000

2000

1000

0

Time--> 11.45 11.50 11.55

