

Data File : VU033092.D
Acq On : 28 Jun 2019 23:57
Operator : JC/SP
Sample : K3597-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM73

Quant Time: Jun 29 01:04:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	81679	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35887	6.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.00%#
7) Chloroethane-d5	1.68	69	27801	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.20%
11) 1,1-Dichloroethene-d2	2.27	63	54425	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.19	46	101664	61.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.20%
24) Chloroform-d	4.64	84	63197	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.31	65	37041	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.33	84	116649	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.32	67	38515	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.56	98	101469	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	15091	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.31	63	65492	53.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32934	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	42574	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

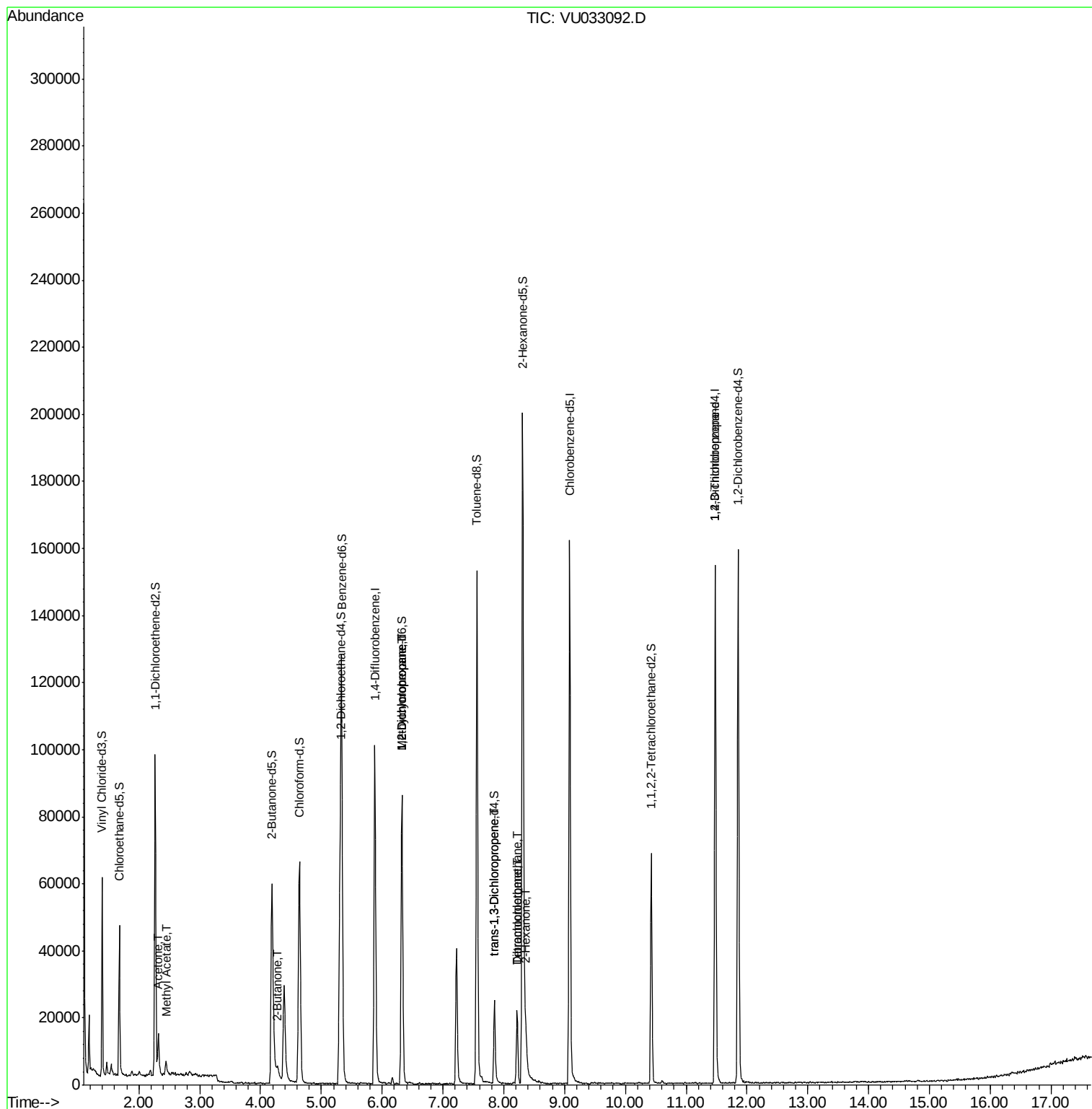
					Qvalue
13) Acetone	2.32	43	12306	8.847 ug/L	95
15) Methyl Acetate	2.45	43	1330	0.413 ug/L #	56
21) 2-Butanone	4.28	43	5685	2.904 ug/L #	74
35) Methylcyclohexane	6.32	83	8779	0.839 ug/L #	16
37) 1,2-Dichloropropane	6.32	63	4643	0.675 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	833	0.102 ug/L	89
47) Tetrachloroethene	8.22	164	4766	0.843 ug/L	96
48) 2-Hexanone	8.36	43	7682	2.264 ug/L #	91
49) Dibromochloromethane	8.22	129	4698	0.767 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	4960	1.077 ug/L #	82

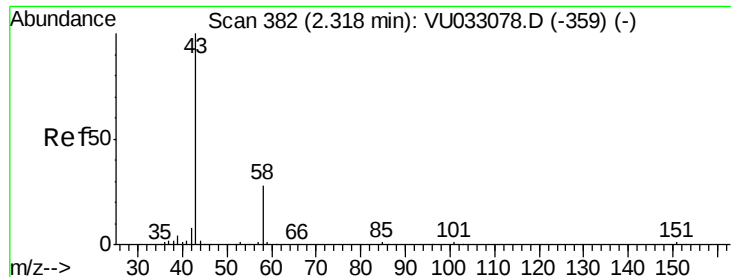
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.847 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033092.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_U

ClientSampleId :

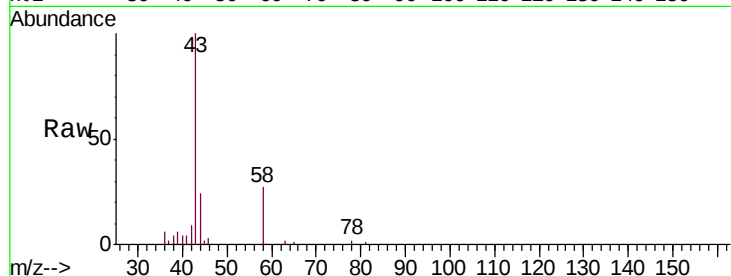
GAM73

Tgt Ion: 43 Resp: 12306

Ion Ratio Lower Upper

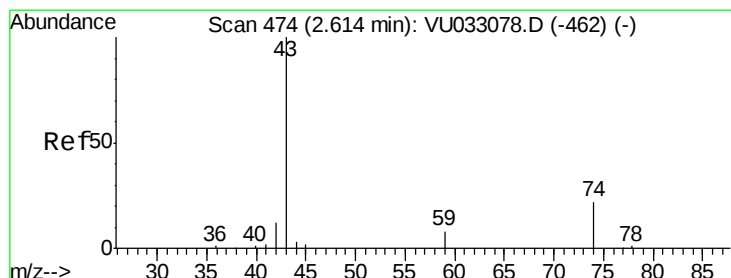
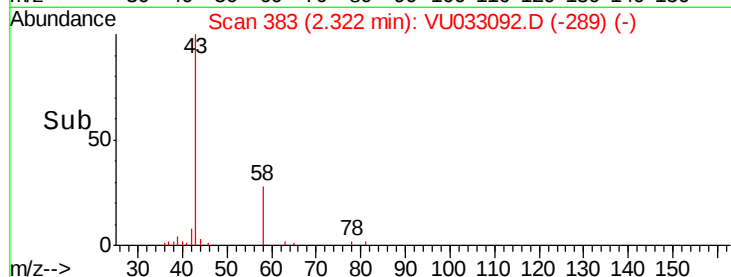
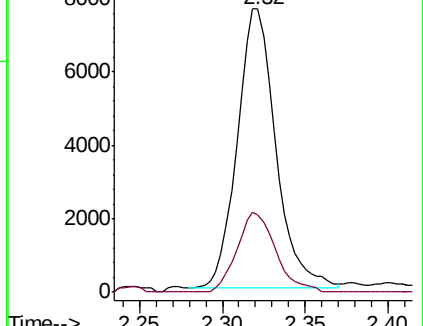
43 100

58 28.6 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033092.D (-383) (-)

Ion 58.05 (57.75 to 58.75): VU033092.D (-383) (-)



#15

Methyl Acetate

Concen: 0.413 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.17 min

Lab File: VU033092.D

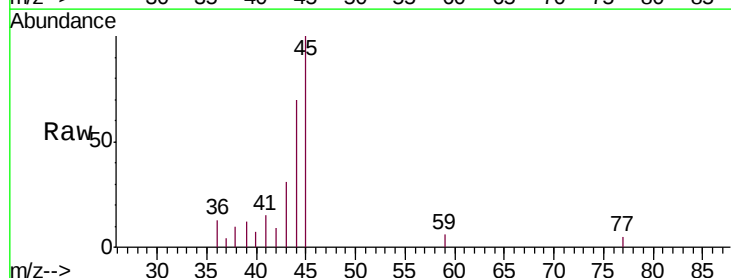
Acq: 28 Jun 2019 23:57

Tgt Ion: 43 Resp: 1330

Ion Ratio Lower Upper

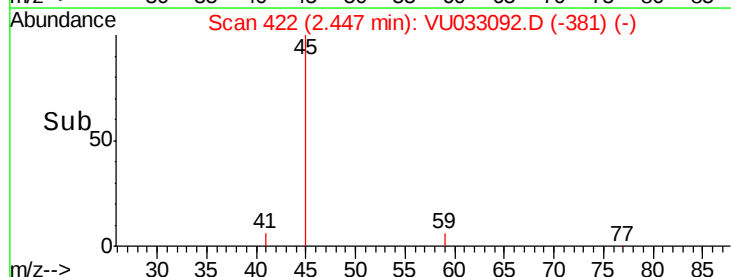
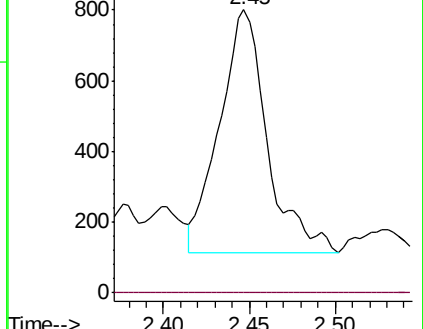
43 100

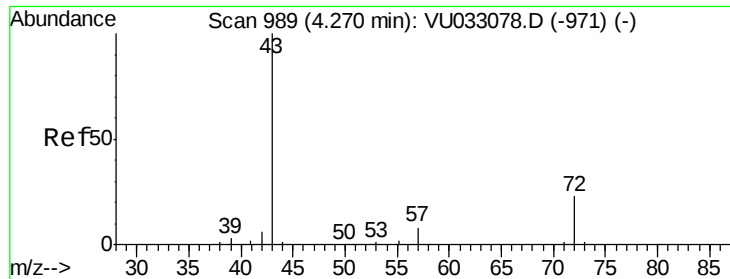
74 0.0 16.1 24.1#



Abundance Ion 43.05 (42.75 to 43.75): VU033092.D (-422) (-)

Ion 74.05 (73.75 to 74.75): VU033092.D (-422) (-)

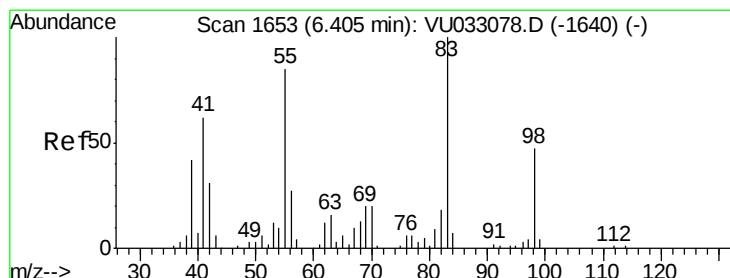
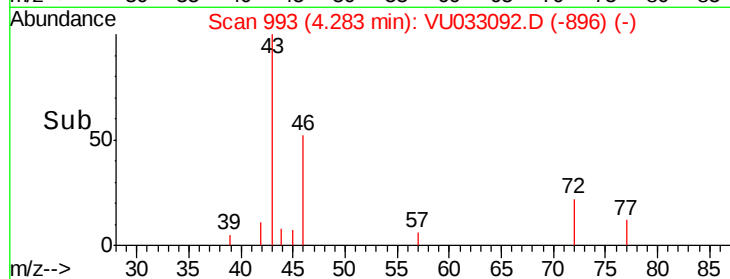
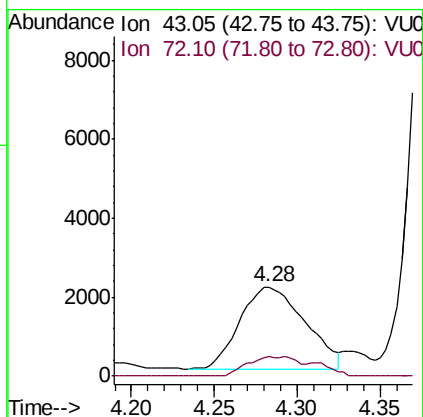
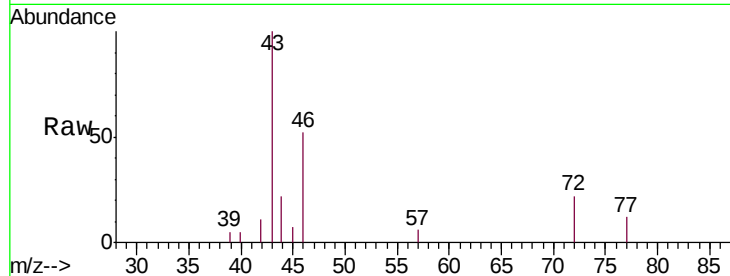




#21
2-Butanone
Concen: 2.904 ug/L
RT: 4.28 min Scan# 993
Delta R.T. 0.01 min
Lab File: VU033092.D
Acq: 28 Jun 2019 23:57

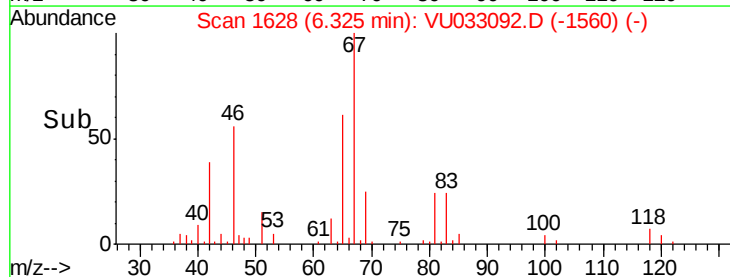
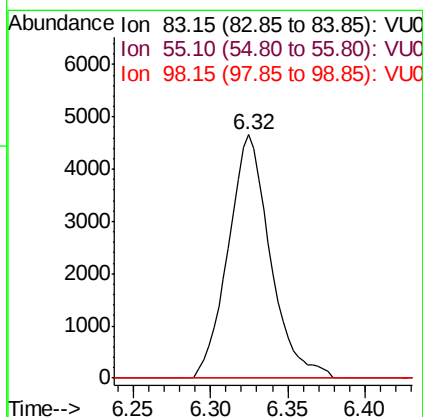
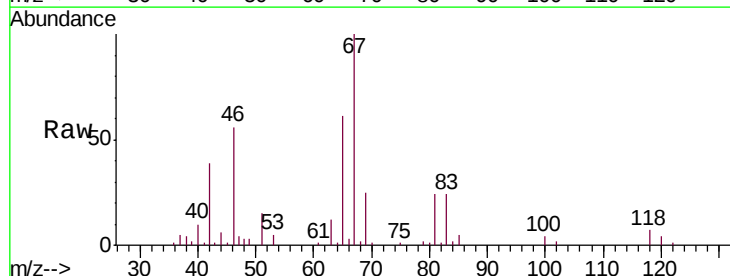
Instrument :
MSVOA_U
ClientSampleId :
GAM73

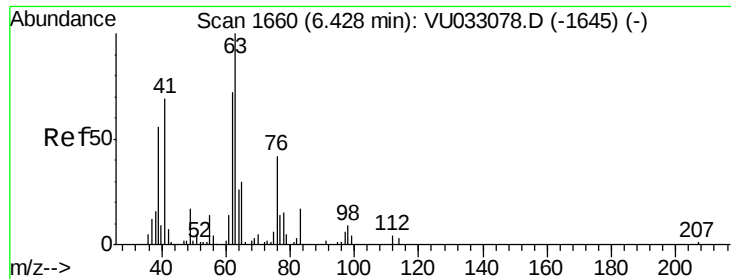
Tgt Ion: 43 Resp: 5685
Ion Ratio Lower Upper
43 100
72 10.5 11.5 34.5#



#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033092.D
Acq: 28 Jun 2019 23:57

Tgt Ion: 83 Resp: 8779
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 1.2 37.7 56.5#

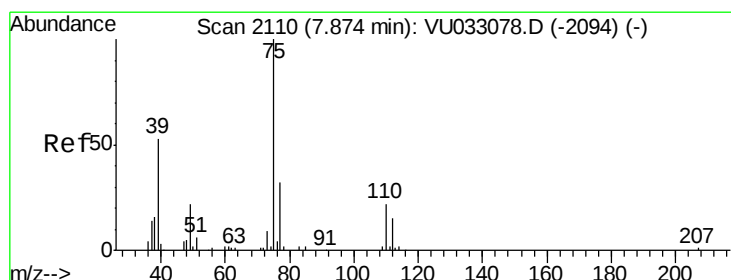
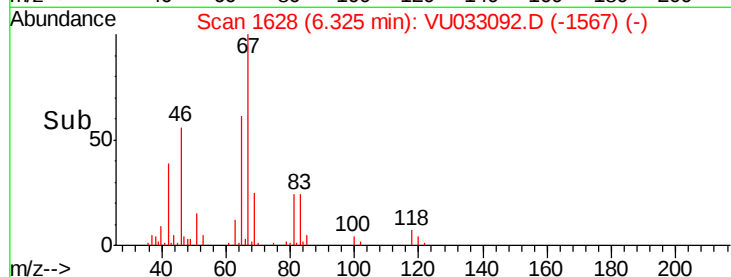
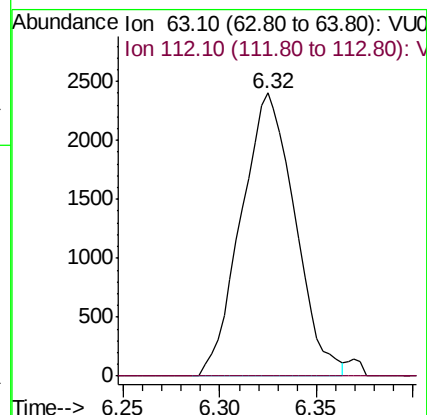
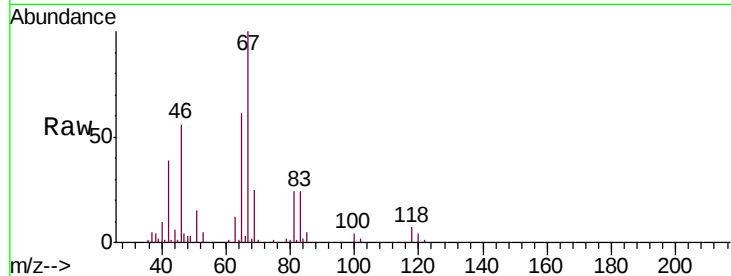




#37
 1,2-Dichloropropane
 Concen: 0.675 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU033092.D
 Acq: 28 Jun 2019 23:57

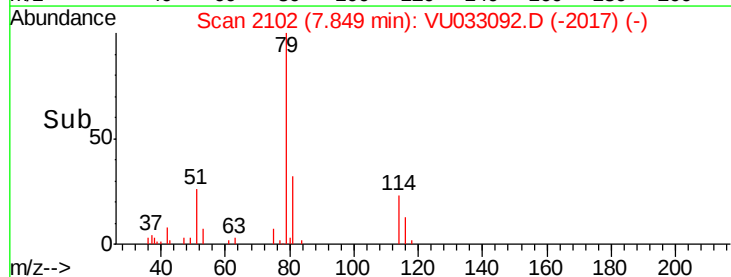
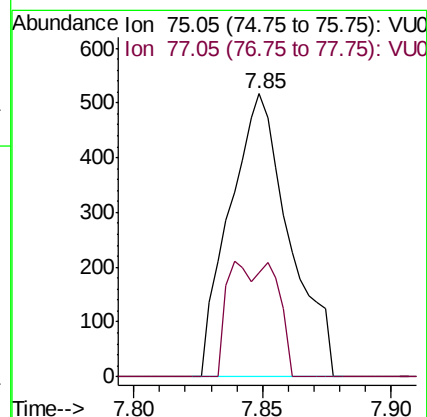
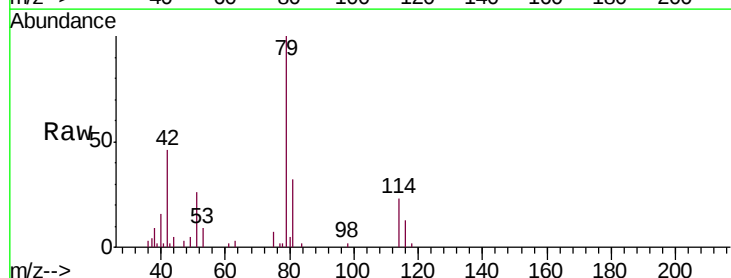
Instrument :
 MSVOA_U
 ClientSampleID :
 GAM73

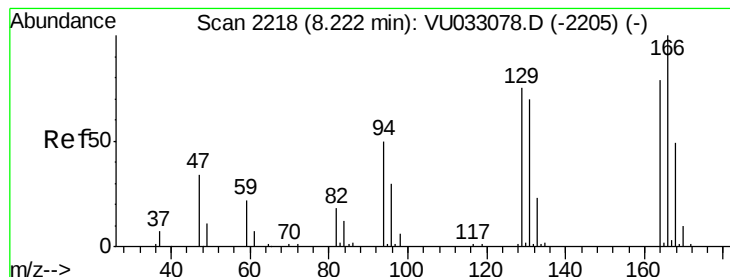
Tgt Ion: 63 Resp: 4643
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU033092.D
 Acq: 28 Jun 2019 23:57

Tgt Ion: 75 Resp: 833
 Ion Ratio Lower Upper
 75 100
 77 36.8 21.6 40.2





#47

Tetrachloroethene

Concen: 0.843 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033092.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_U

ClientSampled :

GAM73

Tgt Ion:164 Resp: 4766

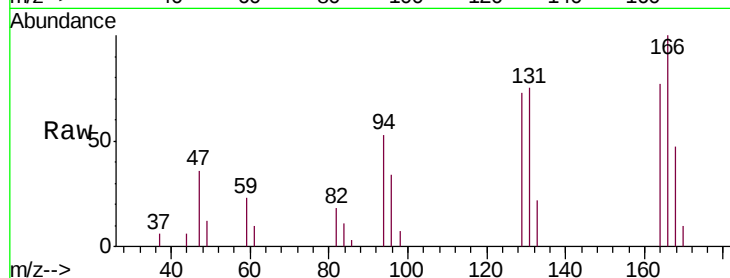
Ion Ratio Lower Upper

164 100

129 94.7 64.9 120.5

131 97.8 63.5 117.9

166 130.4 89.1 165.5

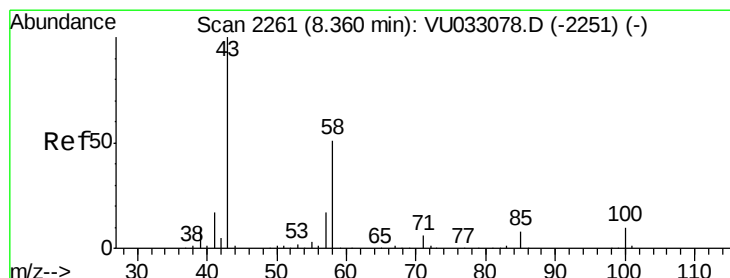
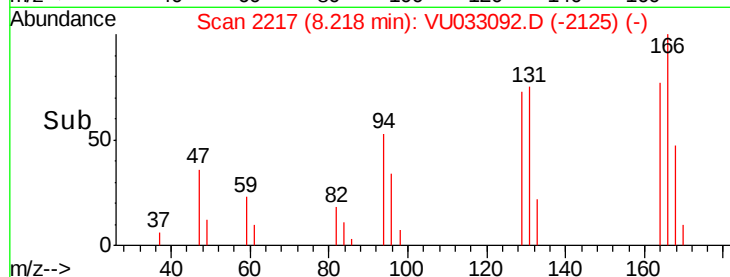
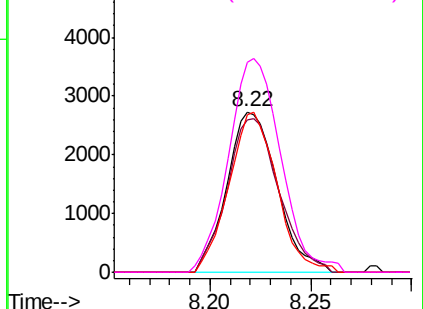


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.264 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU033092.D

Acq: 28 Jun 2019 23:57

Tgt Ion: 43 Resp: 7682

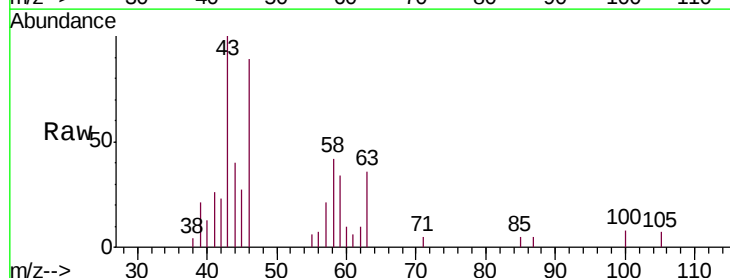
Ion Ratio Lower Upper

43 100

58 42.8 40.0 60.0

57 18.5 14.0 21.0

100 6.1 7.9 11.9#

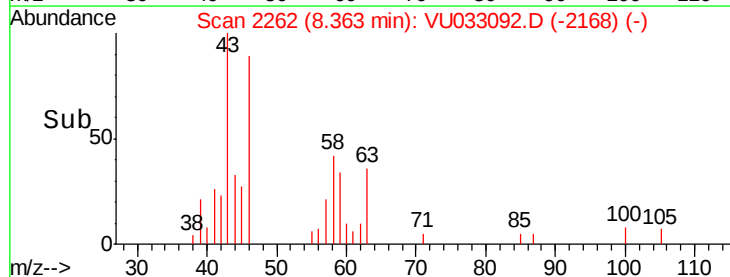
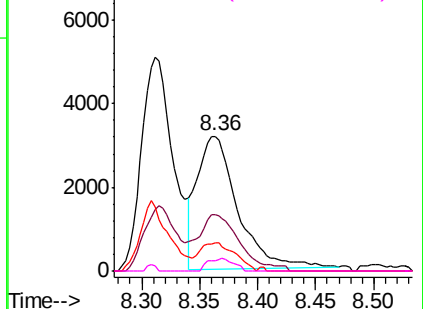


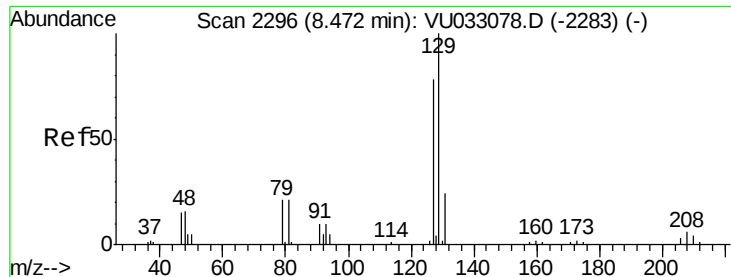
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.767 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU033092.D

Acq: 28 Jun 2019 23:57

Instrument :

MSVOA_U

ClientSampleId :

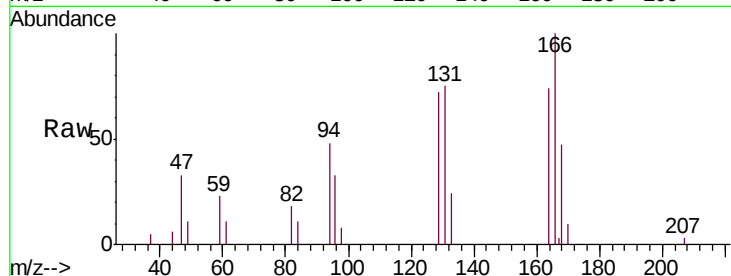
GAM73

Tgt Ion:129 Resp: 4698

Ion Ratio Lower Upper

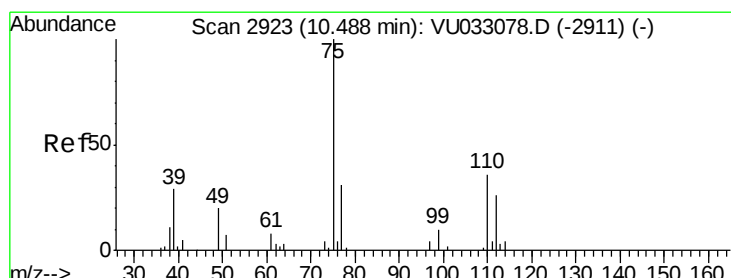
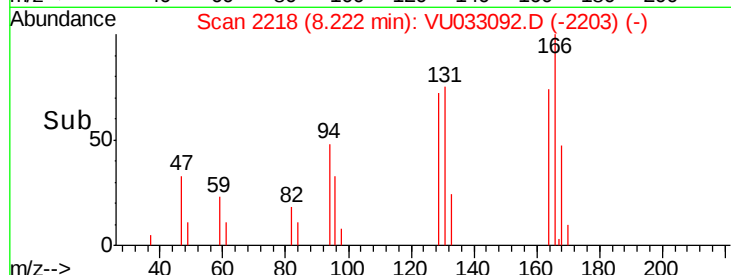
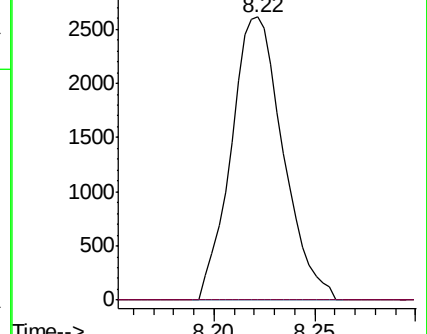
129 100

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



#59

1,2,3-Trichloropropane

Concen: 1.077 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033092.D

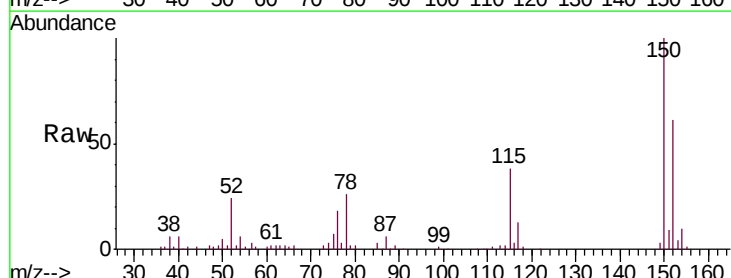
Acq: 28 Jun 2019 23:57

Tgt Ion: 75 Resp: 4960

Ion Ratio Lower Upper

75 100

77 41.8 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

