

Data File : VU033097.D
Acq On : 29 Jun 2019 01:58
Operator : JC/SP
Sample : K3597-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM78

Quant Time: Jun 29 03:32:37 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	80995	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	83678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36335	6.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	134.80%#
7) Chloroethane-d5	1.68	69	28239	6.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.20%
11) 1,1-Dichloroethene-d2	2.27	63	54191	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	4.19	46	90543	55.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.64%
24) Chloroform-d	4.64	84	61871	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.30	65	35960	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.33	84	117504	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.32	67	37486	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.56	98	100792	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.85	79	14602	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.31	63	64485	55.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30414	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	43330	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

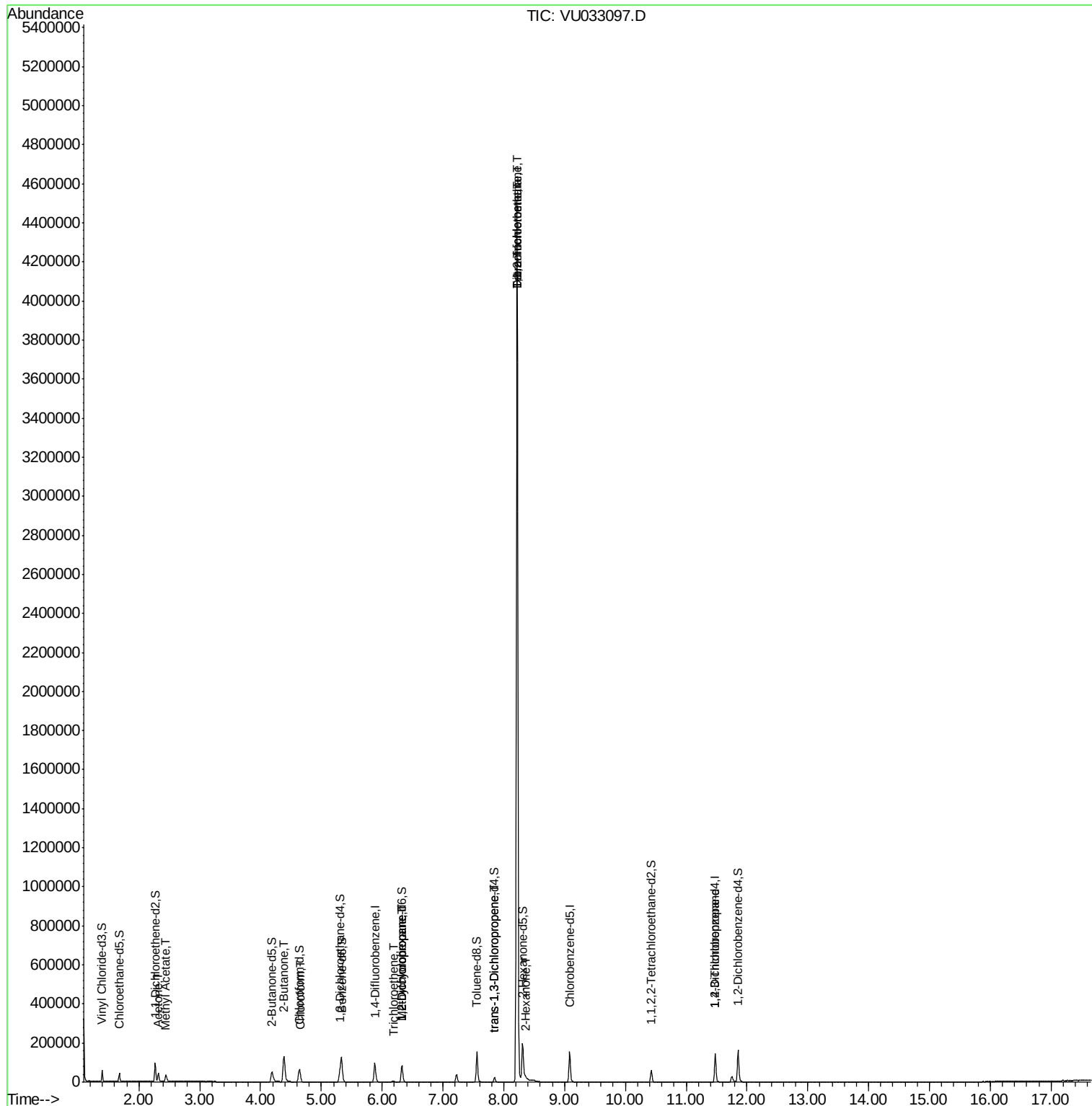
						Qvalue
13) Acetone	2.32	43	48514	35.174	ug/L	98
15) Methyl Acetate	2.44	43	8919	2.795	ug/L #	56
21) 2-Butanone	4.39	43	195825	100.861	ug/L #	53
25) Chloroform	4.67	83	2039	0.173	ug/L	90
34) Trichloroethene	6.18	95	2020	0.299	ug/L	88
35) Methylcyclohexane	6.32	83	8878	0.883	ug/L #	16
37) 1,2-Dichloropropane	6.32	63	4537	0.686	ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	698	0.089	ug/L #	75
45) 1,1,2-Trichloroethane	8.22	97	8527	1.838	ug/L #	4
47) Tetrachloroethene	8.22	164	936304	172.282	ug/L	98
48) 2-Hexanone	8.37	43	6816	2.089	ug/L #	84
49) Dibromochloromethane	8.22	129	884658	150.299	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5436	1.228	ug/L	90

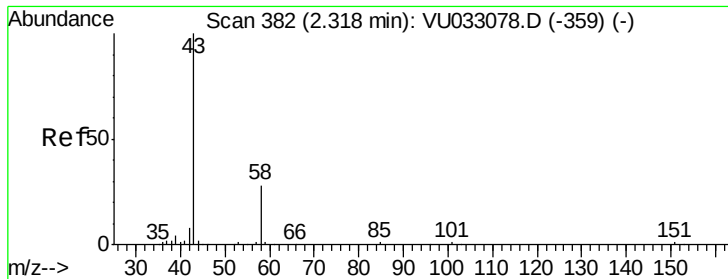
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 35.174 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033097.D

Acq: 29 Jun 2019 01:58

Instrument :

MSVOA_U

ClientSampleId :

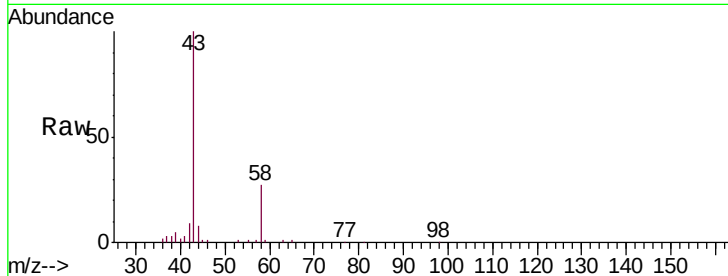
GAM78

Tgt Ion: 43 Resp: 48514

Ion Ratio Lower Upper

43 100

58 27.1 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033097.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU033097.D (-359) (-)

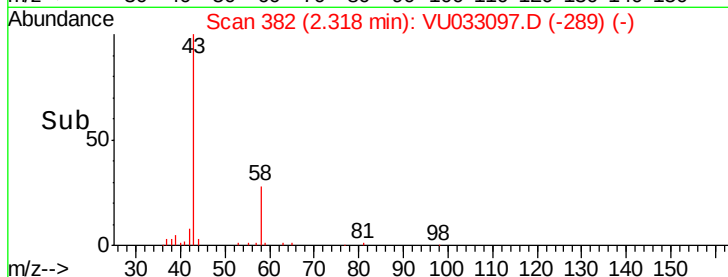
Time-->

2.32

2.35

2.40

2.45



Time-->

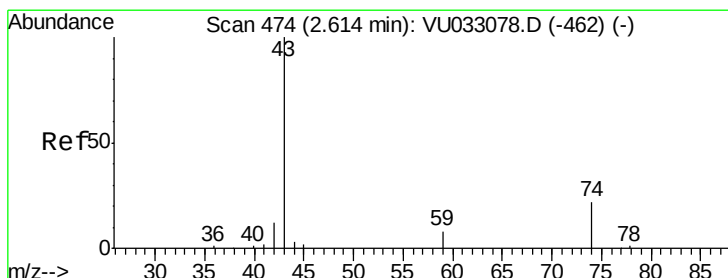
2.25

2.30

2.35

2.40

2.45



#15

Methyl Acetate

Concen: 2.795 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU033097.D

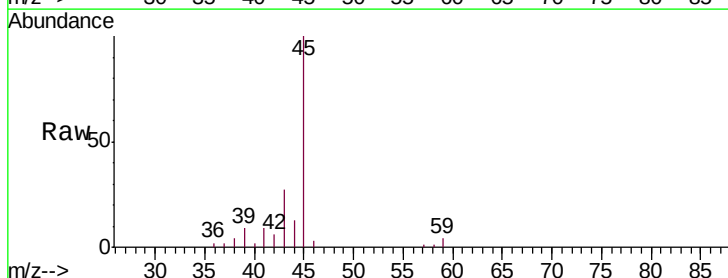
Acq: 29 Jun 2019 01:58

Tgt Ion: 43 Resp: 8919

Ion Ratio Lower Upper

43 100

74 0.0 16.1 24.1#



Abundance Ion 43.05 (42.75 to 43.75): VU033097.D (-462) (-)

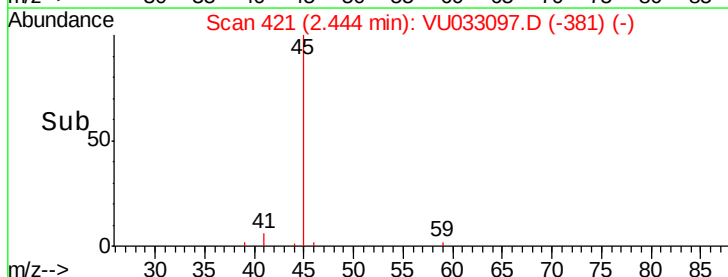
Ion 74.05 (73.75 to 74.75): VU033097.D (-462) (-)

Time-->

2.44

2.45

2.50

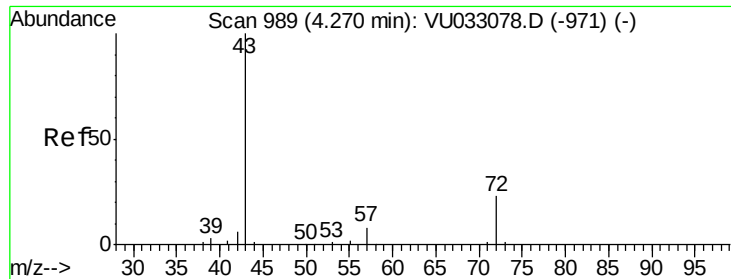


Time-->

2.40

2.45

2.50



#21

2-Butanone

Concen: 100.861 ug/L

RT: 4.39 min Scan# 1025

Delta R.T. 0.12 min

Lab File: VU033097.D

Acq: 29 Jun 2019 01:58

Instrument :

MSVOA_U

ClientSampleId :

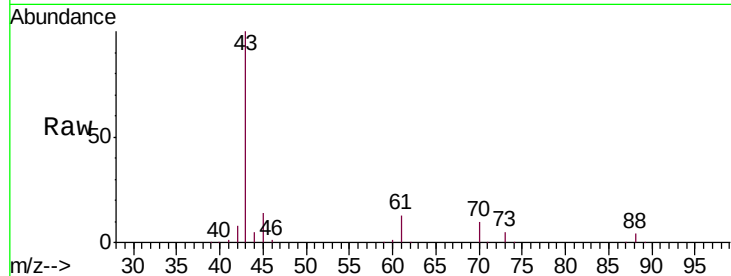
GAM78

Tgt Ion: 43 Resp: 195825

Ion Ratio Lower Upper

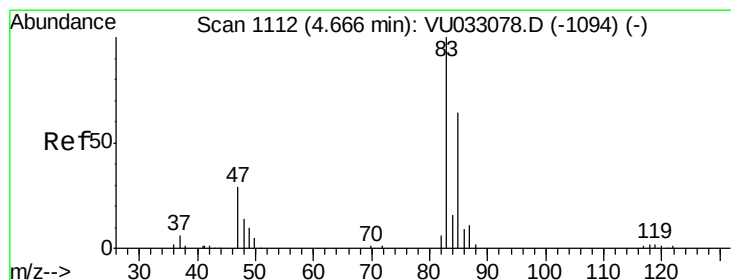
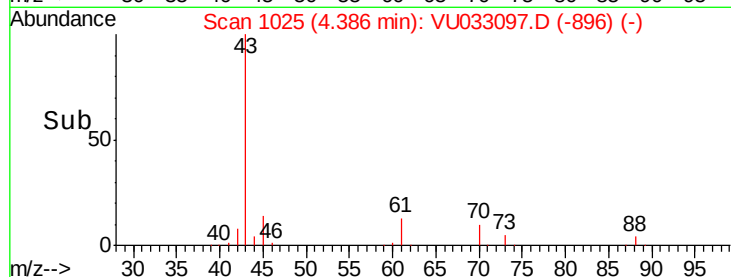
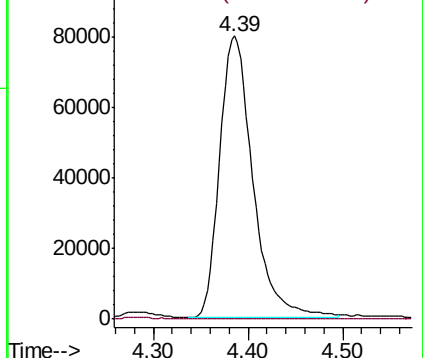
43 100

72 0.0 11.5 34.5#



Abundance Ion 43.05 (42.75 to 43.75): VU033097.D (-1025) (-)

Ion 72.10 (71.80 to 72.80): VU033097.D (-1025) (-)



#25

Chloroform

Concen: 0.173 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU033097.D

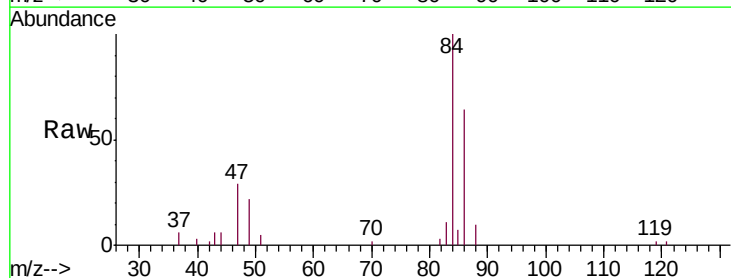
Acq: 29 Jun 2019 01:58

Tgt Ion: 83 Resp: 2039

Ion Ratio Lower Upper

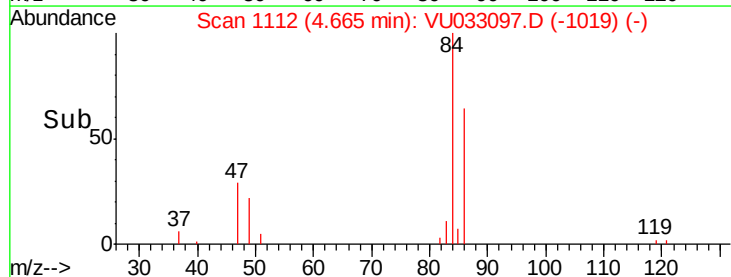
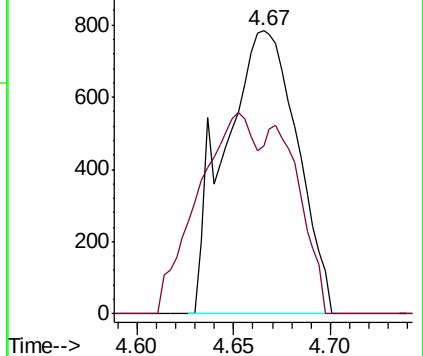
83 100

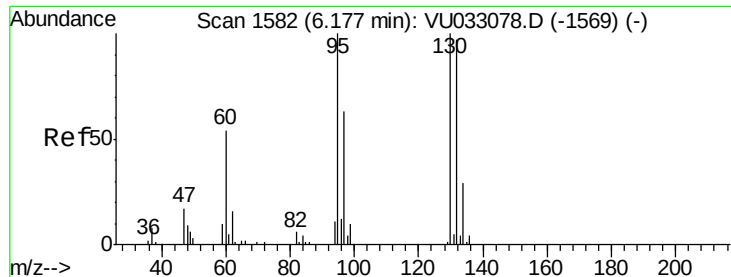
85 59.3 47.3 87.8



Abundance Ion 83.05 (82.75 to 83.75): VU033097.D (-1112) (-)

Ion 85.00 (84.70 to 85.70): VU033097.D (-1112) (-)





#34

Trichloroethene

Concen: 0.299 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VU033097.D

Acq: 29 Jun 2019 01:58

Instrument :

MSVOA_U

ClientSampleId :

GAM78

Tgt Ion: 95 Resp: 2020

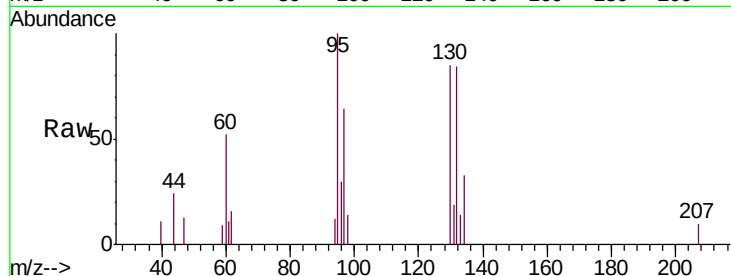
Ion Ratio Lower Upper

95 100

97 63.7 46.0 85.4

132 84.0 68.6 127.4

130 85.0 71.1 132.1

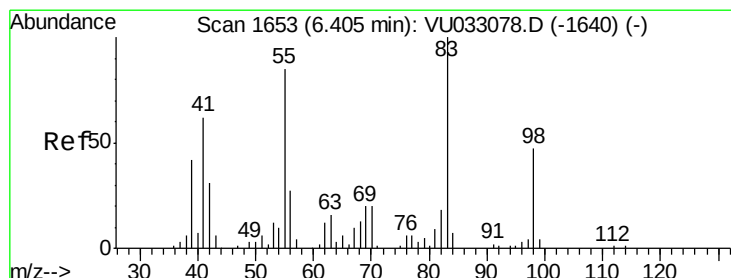
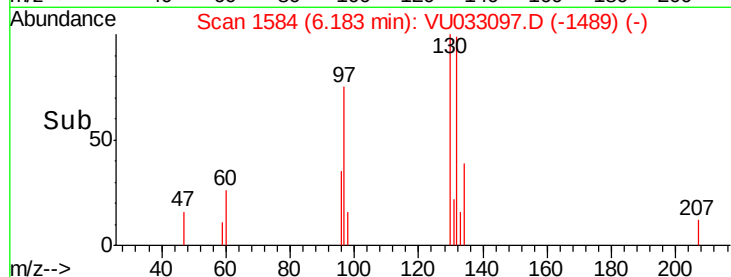
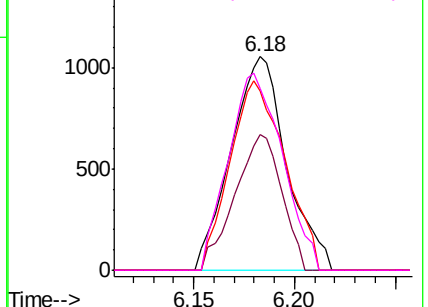


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.883 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033097.D

Acq: 29 Jun 2019 01:58

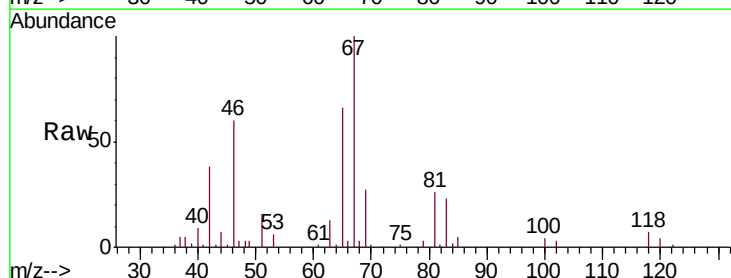
Tgt Ion: 83 Resp: 8878

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

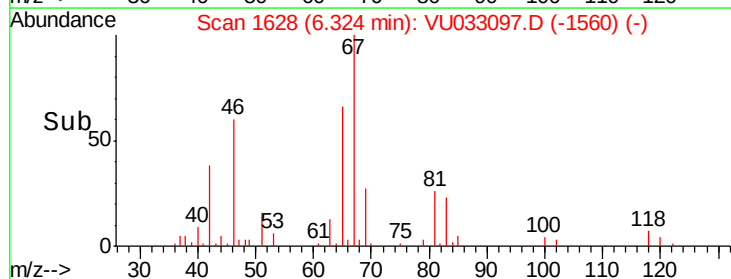
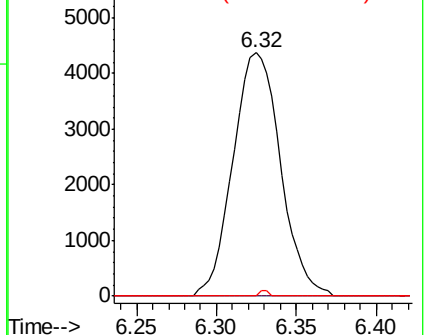
98 0.4 37.7 56.5#

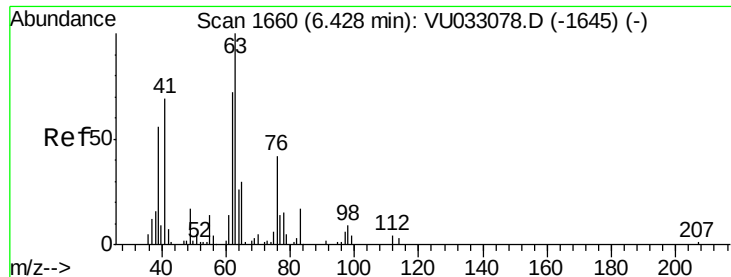


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

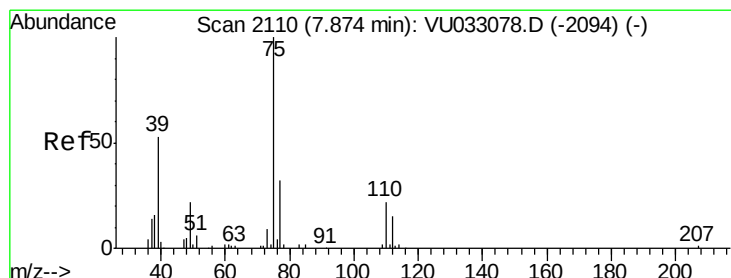
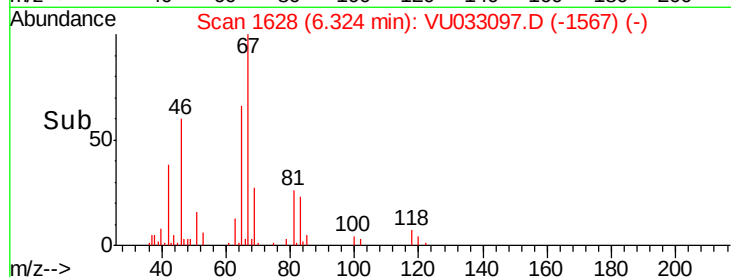
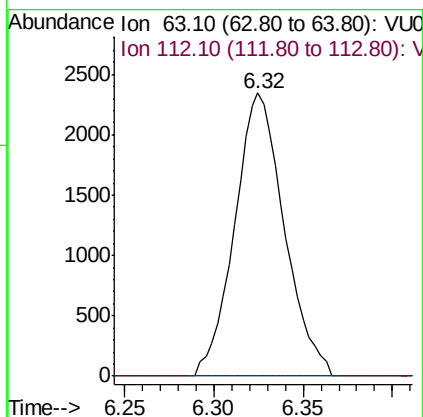
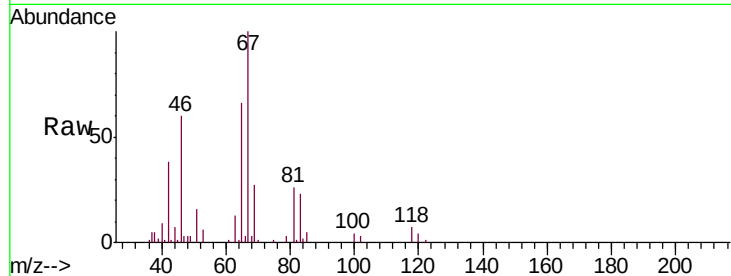




#37
 1,2-Dichloropropane
 Concen: 0.686 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU033097.D
 Acq: 29 Jun 2019 01:58

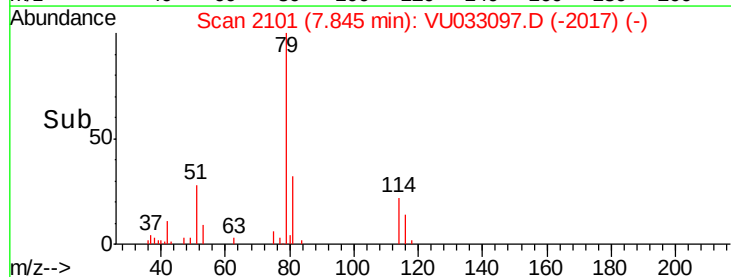
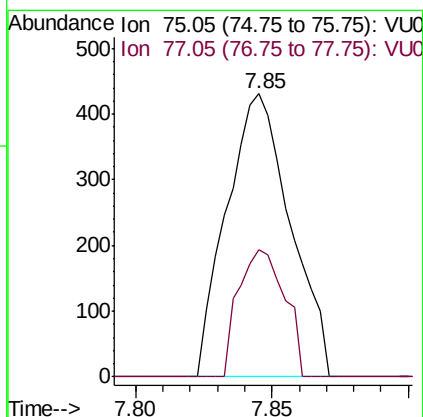
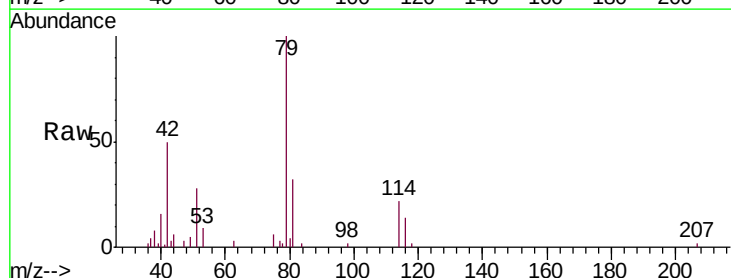
Instrument :
 MSVOA_U
 ClientSampled :
 GAM78

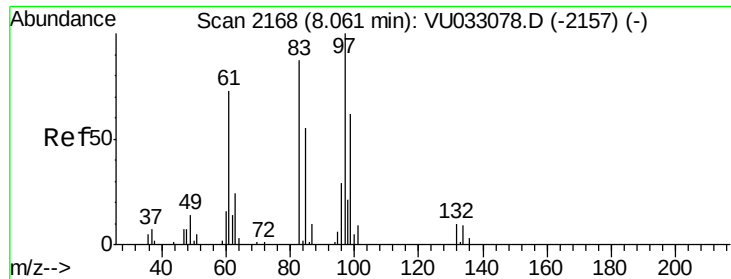
Tgt Ion: 63 Resp: 4537
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU033097.D
 Acq: 29 Jun 2019 01:58

Tgt Ion: 75 Resp: 698
 Ion Ratio Lower Upper
 75 100
 77 44.8 21.6 40.2#

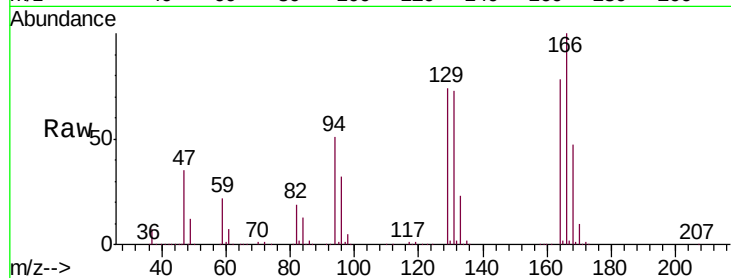




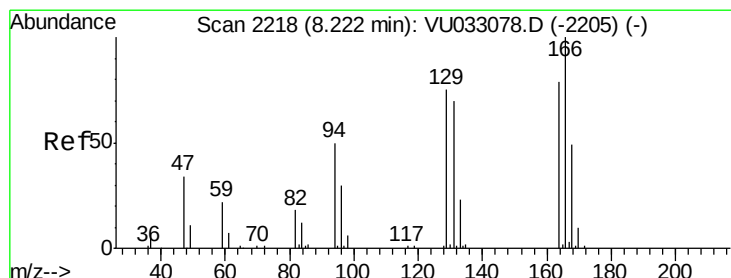
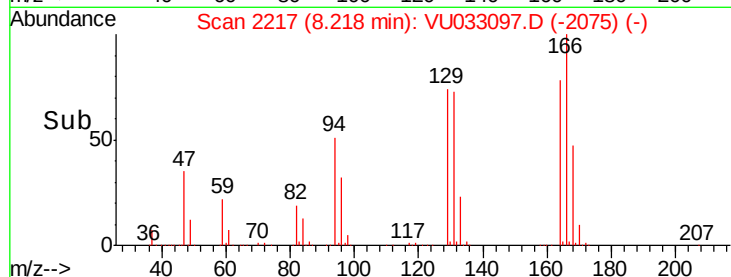
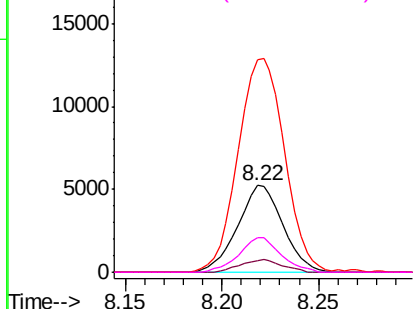
#45
 1,1,2-Trichloroethane
 Concen: 1.838 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. 0.16 min
 Lab File: VU033097.D
 Acq: 29 Jun 2019 01:58

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM78

Tgt Ion: 97 Resp: 8527
 Ion Ratio Lower Upper
 97 100
 99 14.0 44.7 83.1#
 83 246.1 62.6 116.2#
 85 40.5 40.5 75.1

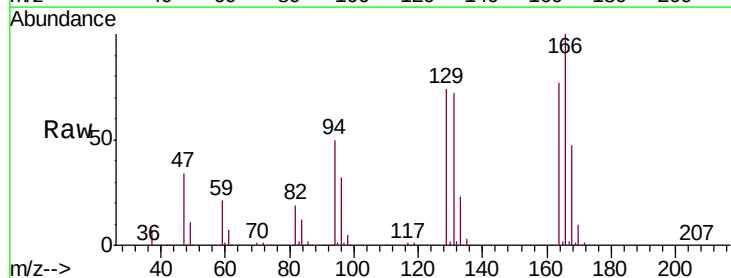


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

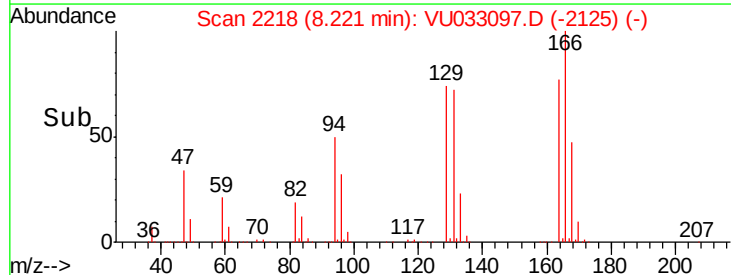
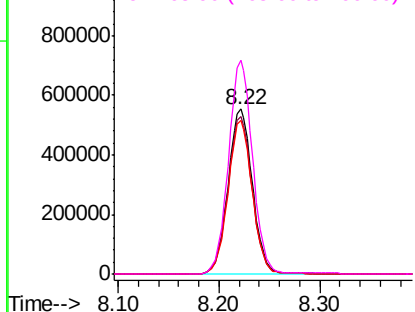


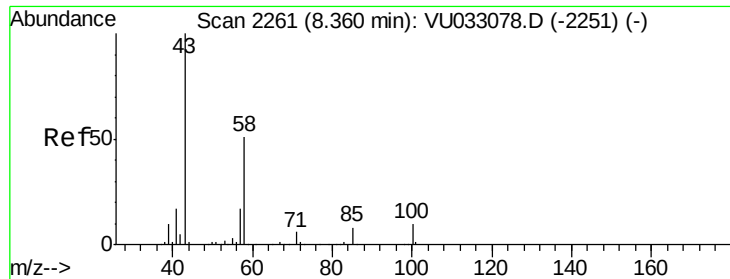
#47
 Tetrachloroethene
 Concen: 172.282 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU033097.D
 Acq: 29 Jun 2019 01:58

Tgt Ion: 164 Resp: 936304
 Ion Ratio Lower Upper
 164 100
 129 95.6 64.9 120.5
 131 92.9 63.5 117.9
 166 129.4 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

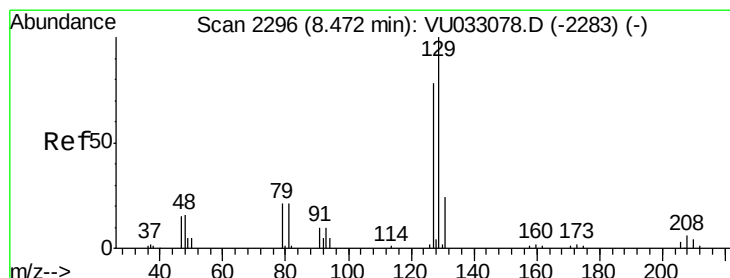
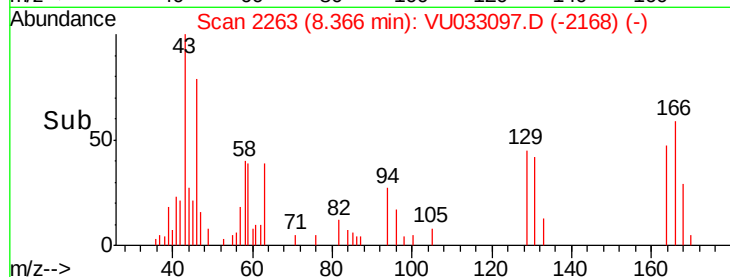
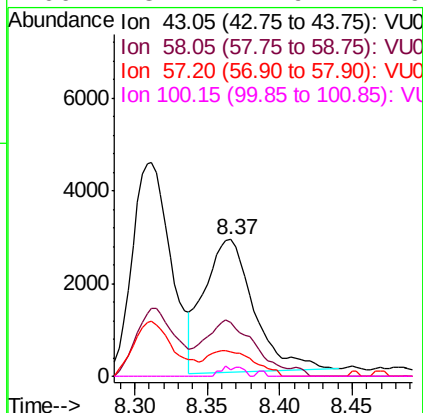
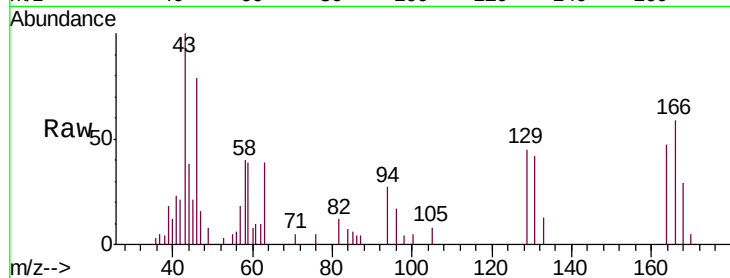




#48
2-Hexanone
Concen: 2.089 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU033097.D
Acq: 29 Jun 2019 01:58

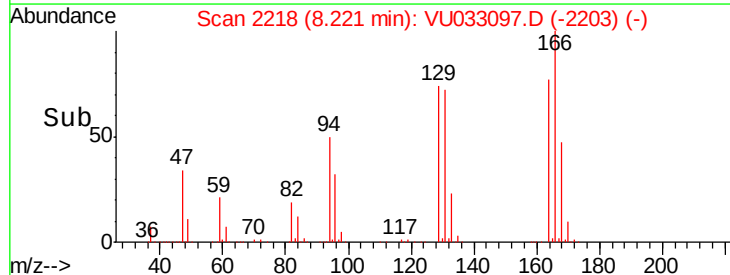
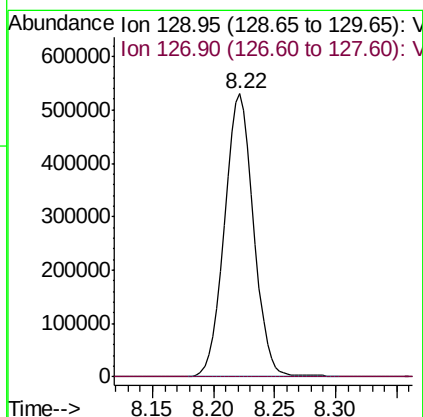
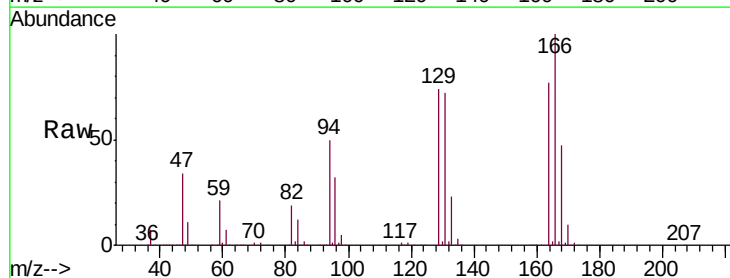
Instrument :
MSVOA_U
ClientSampleId :
GAM78

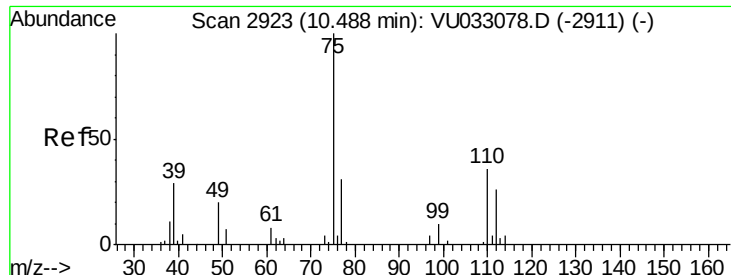
Tgt Ion: 43 Resp: 6816
Ion Ratio Lower Upper
43 100
58 36.2 40.0 60.0#
57 18.3 14.0 21.0
100 3.1 7.9 11.9#



#49
Dibromochloromethane
Concen: 150.299 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU033097.D
Acq: 29 Jun 2019 01:58

Tgt Ion: 129 Resp: 884658
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#





#59

1,2,3-Trichloropropane

Concen: 1.228 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033097.D

Acq: 29 Jun 2019 01:58

Instrument :

MSVOA_U

ClientSampleId :

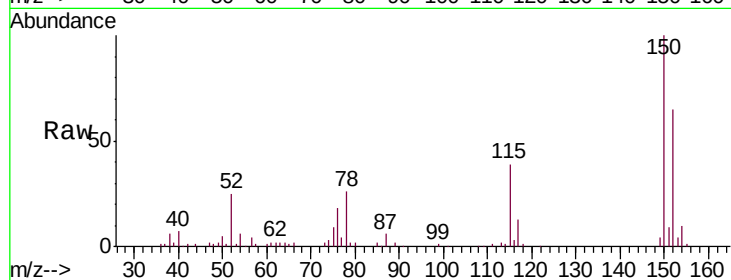
GAM78

Tgt Ion: 75 Resp: 5436

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

