

Data File : VU033076.D
Acq On : 28 Jun 2019 16:43
Operator : JC/SP
Sample : K3598-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM83

Quant Time: Jun 29 00:36:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	88927	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	91911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36330	6.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.80%
7) Chloroethane-d5	1.68	69	27677	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.27	63	55339	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.19	46	89204	49.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.28%
24) Chloroform-d	4.64	84	63377	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.31	65	35193	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.33	84	118825	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.32	67	37428	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.56	98	105832	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	15093	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.31	63	58739	45.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29560	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	43217	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

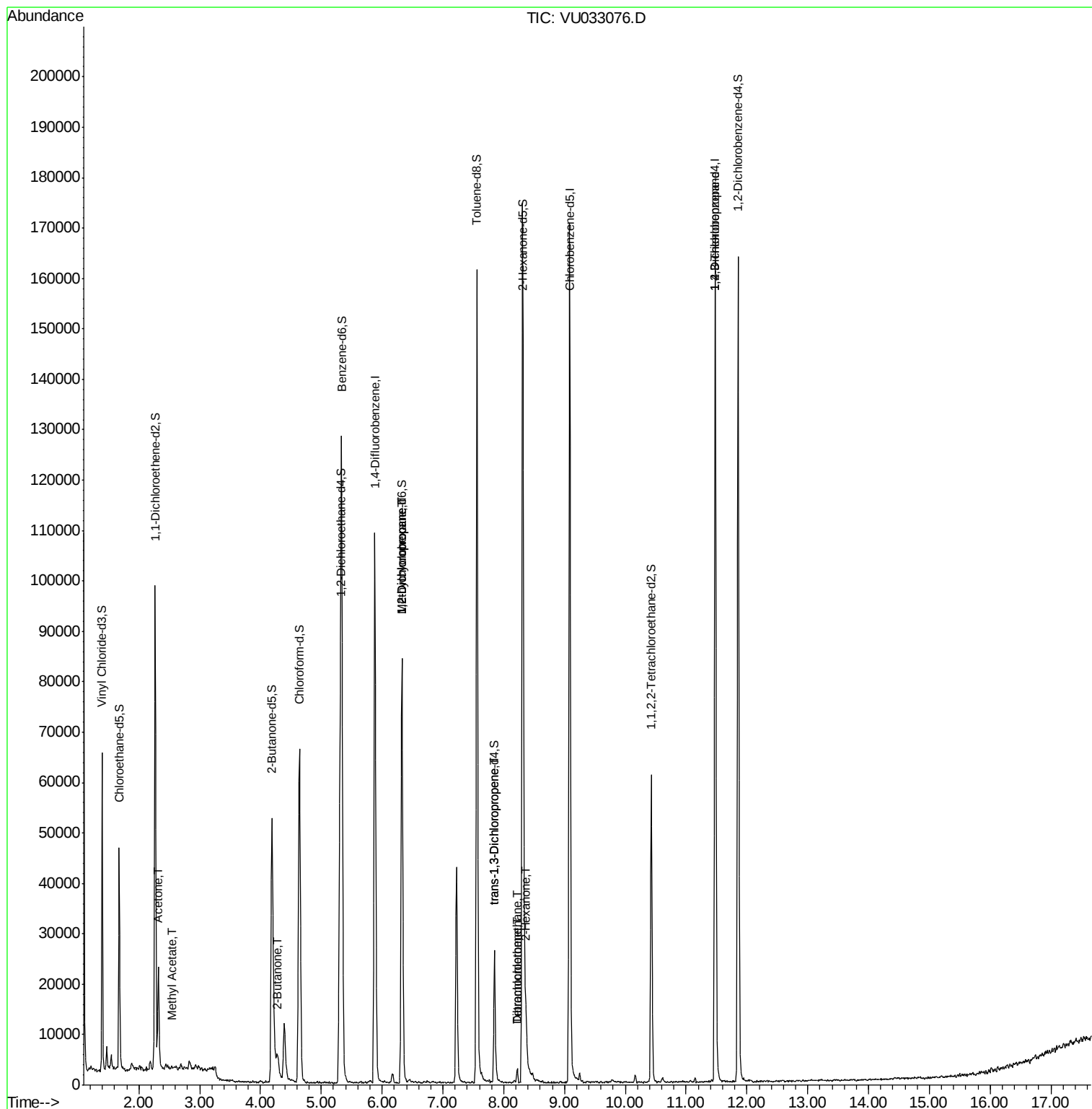
					Qvalue
13) Acetone	2.32	43	20752	13.704 ug/L	95
15) Methyl Acetate	2.53	43	462	0.132 ug/L #	56
21) 2-Butanone	4.28	43	7833	3.675 ug/L	96
35) Methylcyclohexane	6.32	83	8900	0.806 ug/L #	16
37) 1,2-Dichloropropane	6.32	63	4569	0.629 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	771	0.089 ug/L #	82
47) Tetrachloroethene	8.22	164	648	0.109 ug/L	95
48) 2-Hexanone	8.36	43	6517	1.818 ug/L #	80
49) Dibromochloromethane	8.23	129	663	0.103 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5844	1.202 ug/L	89

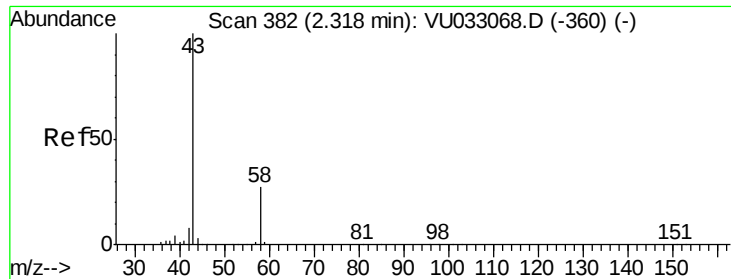
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.704 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033076.D

Acq: 28 Jun 2019 16:43

Instrument :

MSVOA_U

ClientSampleId :

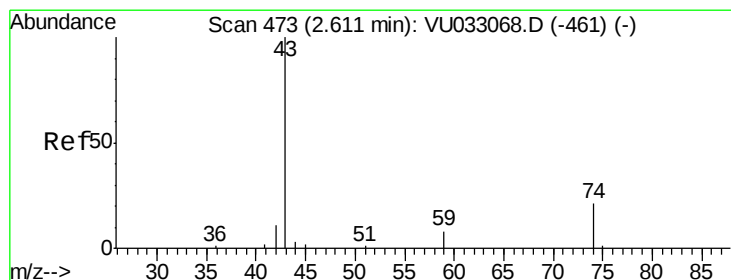
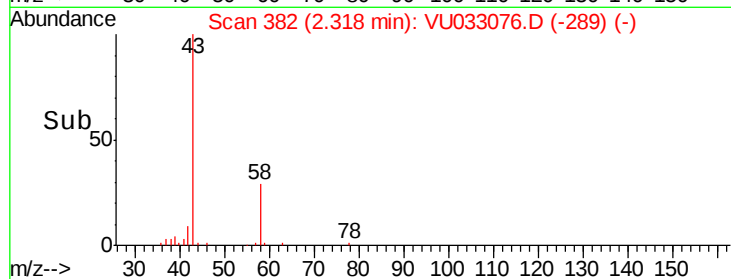
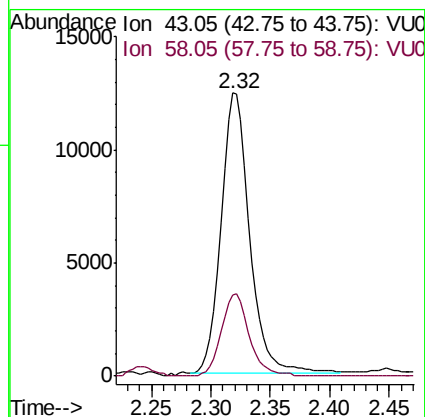
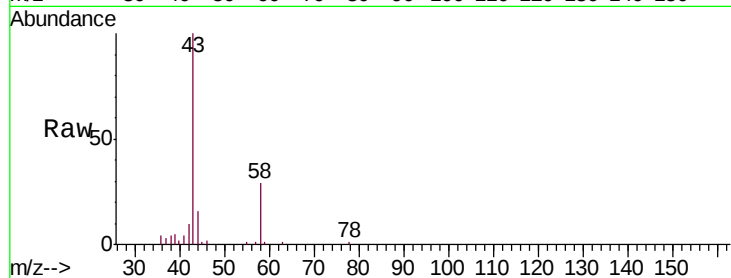
GAM83

Tgt Ion: 43 Resp: 20752

Ion Ratio Lower Upper

43 100

58 28.5 0.0 51.8



#15

Methyl Acetate

Concen: 0.132 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.08 min

Lab File: VU033076.D

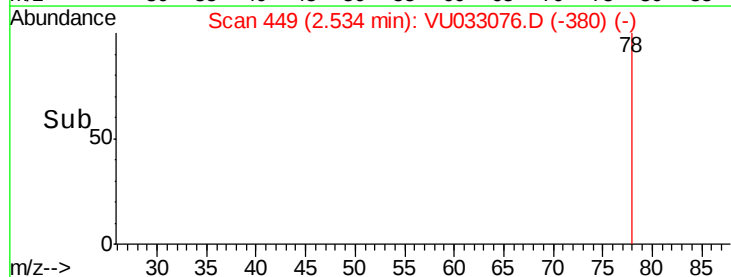
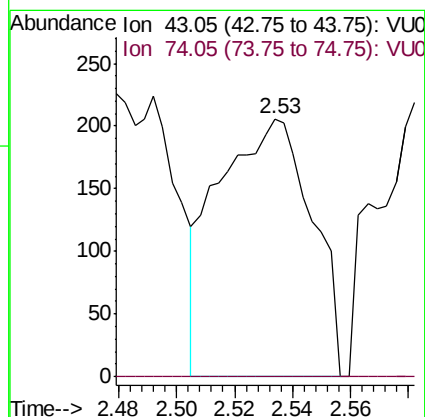
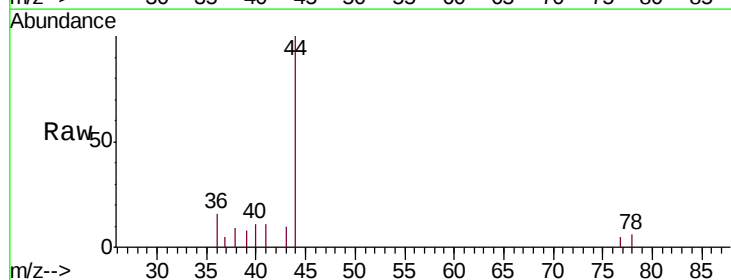
Acq: 28 Jun 2019 16:43

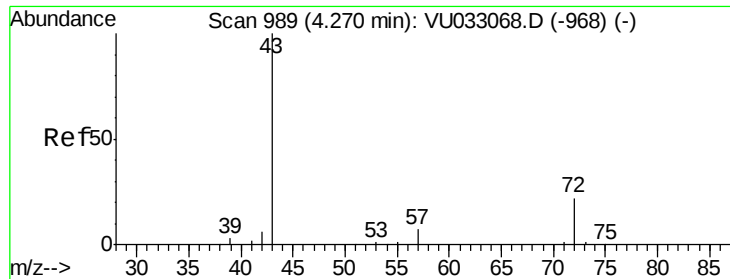
Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

43 100

74 0.0 16.1 24.1#





#21

2-Butanone

Concen: 3.675 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033076.D

Acq: 28 Jun 2019 16:43

Instrument :

MSVOA_U

ClientSampleId :

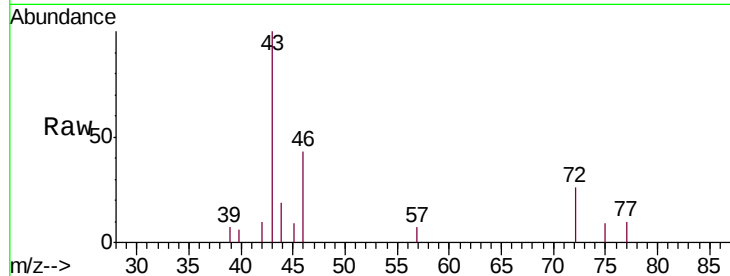
GAM83

Tgt Ion: 43 Resp: 7833

Ion Ratio Lower Upper

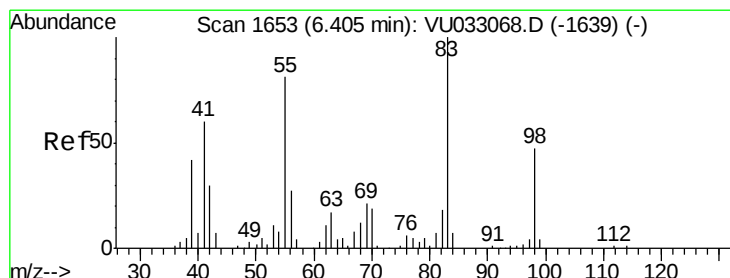
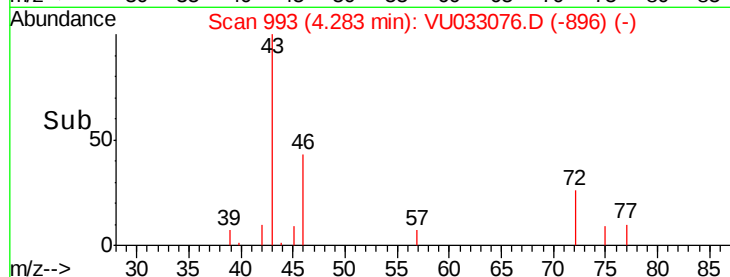
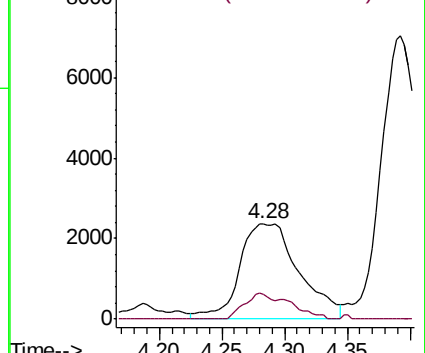
43 100

72 21.2 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VU033068.D (-968) (-)

Ion 72.10 (71.80 to 72.80): VU033068.D (-968) (-)



#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.08 min

Lab File: VU033076.D

Acq: 28 Jun 2019 16:43

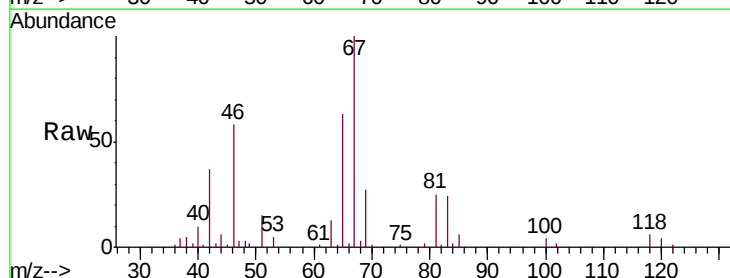
Tgt Ion: 83 Resp: 8900

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

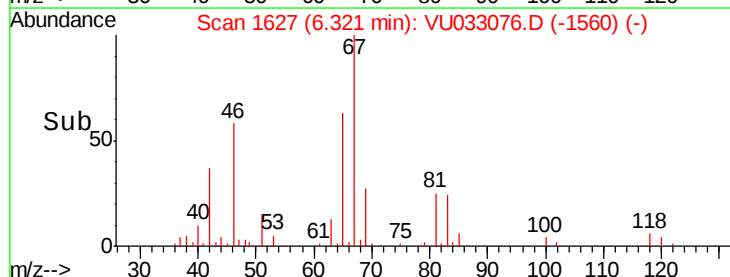
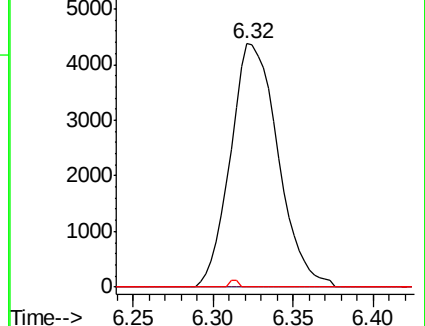
98 0.5 37.7 56.5#

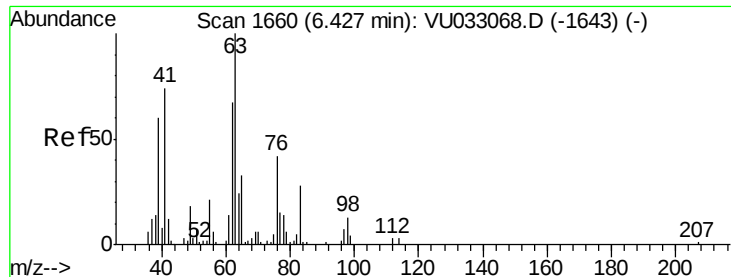


Abundance Ion 83.15 (82.85 to 83.85): VU033068.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU033068.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU033068.D (-1639) (-)





#37

1,2-Dichloropropane

Concen: 0.629 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033076.D

Acq: 28 Jun 2019 16:43

Instrument :

MSVOA_U

ClientSampleId :

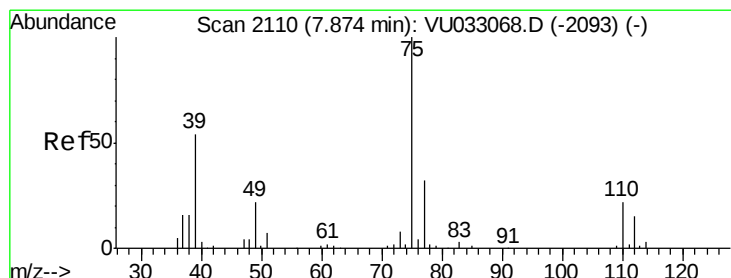
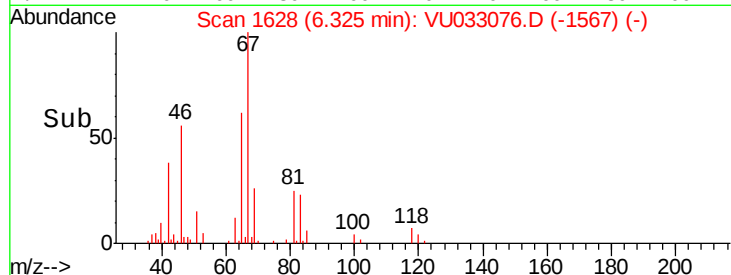
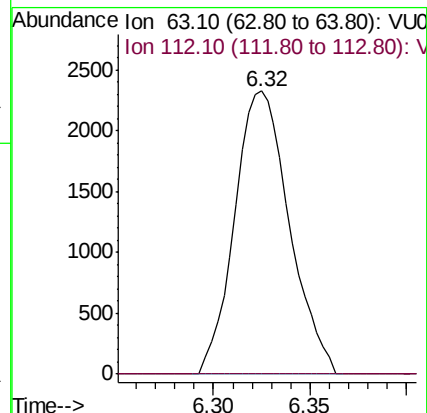
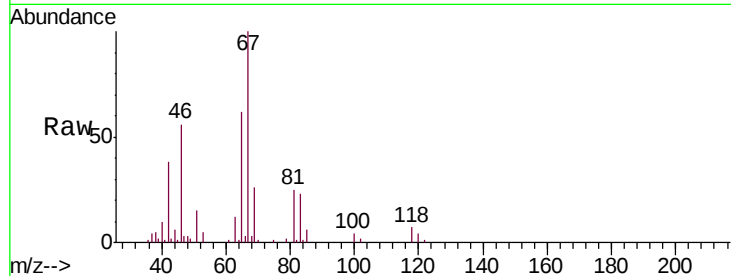
GAM83

Tgt Ion: 63 Resp: 4569

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# 2102

Delta R.T. -0.03 min

Lab File: VU033076.D

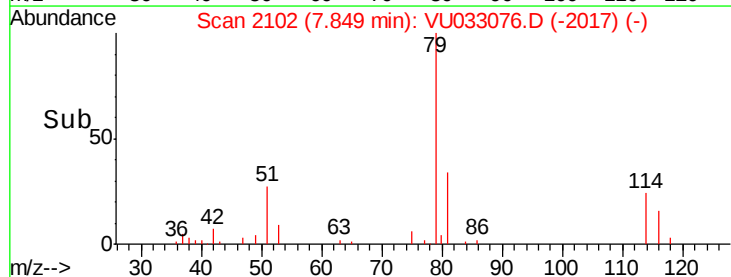
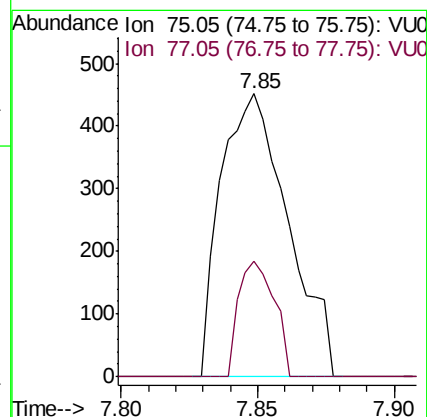
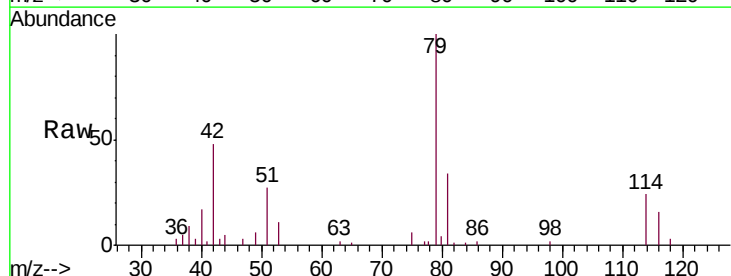
Acq: 28 Jun 2019 16:43

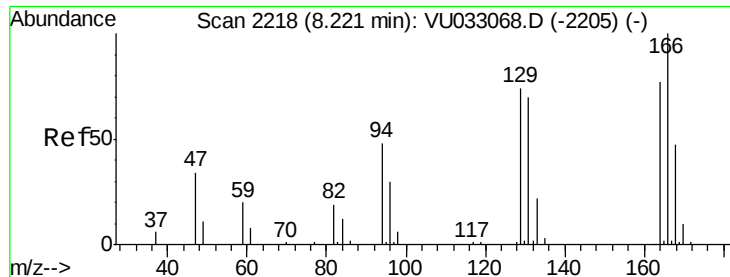
Tgt Ion: 75 Resp: 771

Ion Ratio Lower Upper

75 100

77 40.9 21.6 40.2#

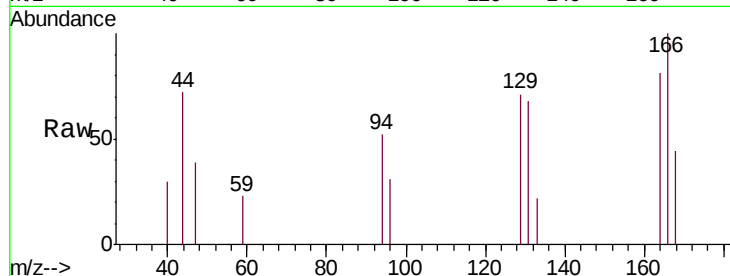




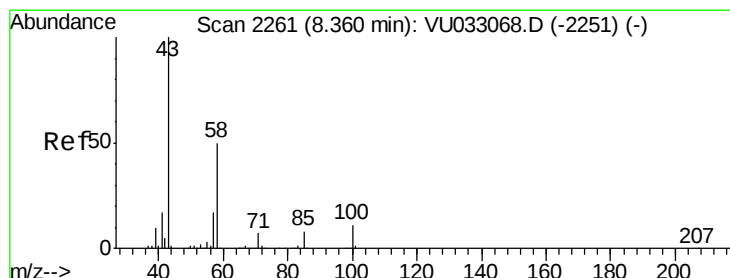
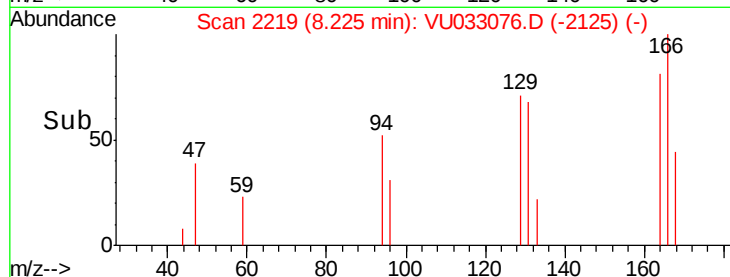
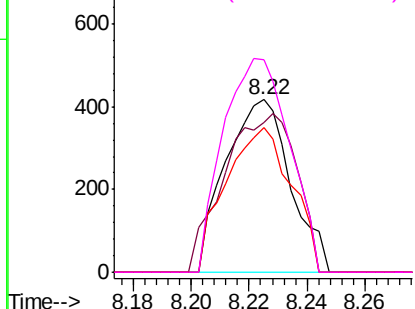
#47
Tetrachloroethene
Concen: 0.109 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU033076.D
Acq: 28 Jun 2019 16:43

Instrument :
MSVOA_U
ClientSampled :
GAM83

Tgt Ion:164 Resp: 648
Ion Ratio Lower Upper
164 100
129 87.1 64.9 120.5
131 83.7 63.5 117.9
166 123.3 89.1 165.5

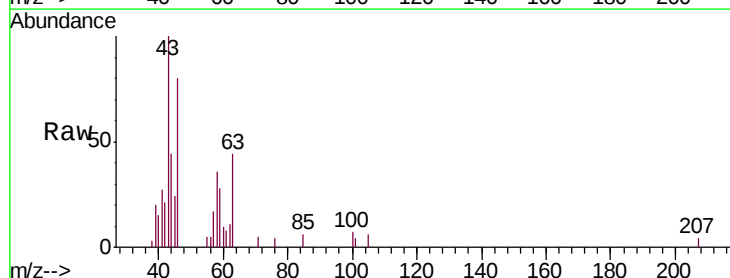


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

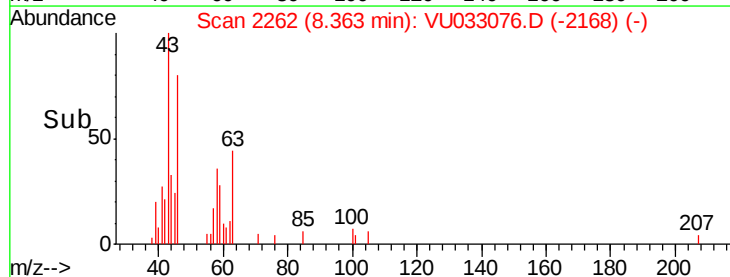
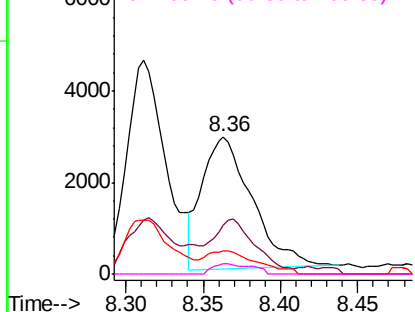


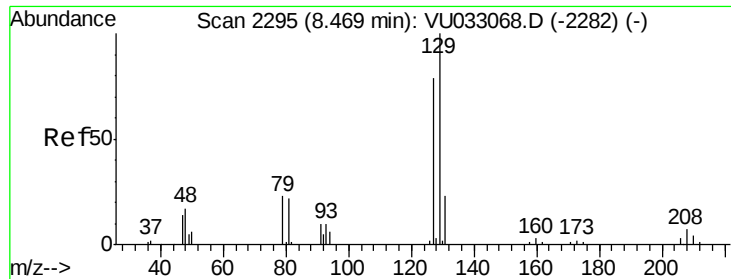
#48
2-Hexanone
Concen: 1.818 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033076.D
Acq: 28 Jun 2019 16:43

Tgt Ion: 43 Resp: 6517
Ion Ratio Lower Upper
43 100
58 31.1 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: 0.103 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. -0.24 min

Lab File: VU033076.D

Acq: 28 Jun 2019 16:43

Instrument :

MSVOA_U

ClientSampleId :

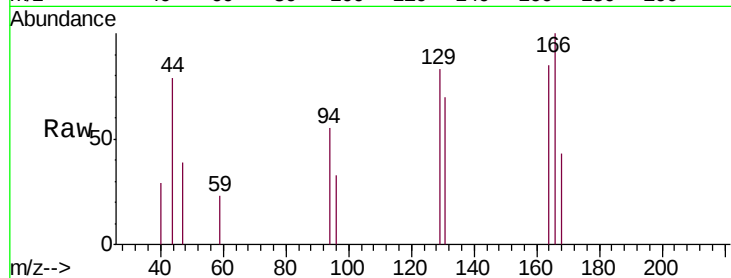
GAM83

Tgt Ion: 129 Resp: 663

Ion Ratio Lower Upper

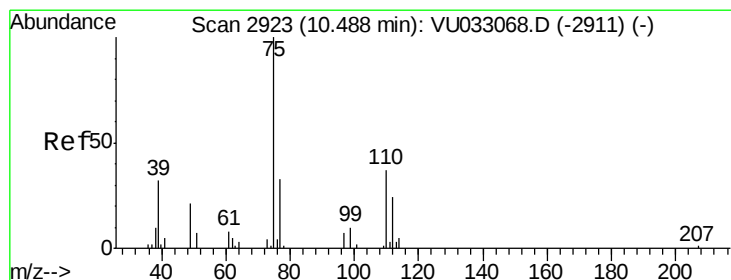
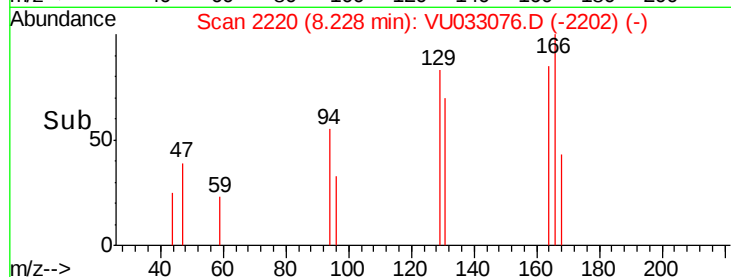
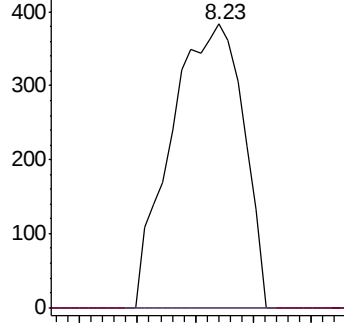
129 100

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: 1.202 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033076.D

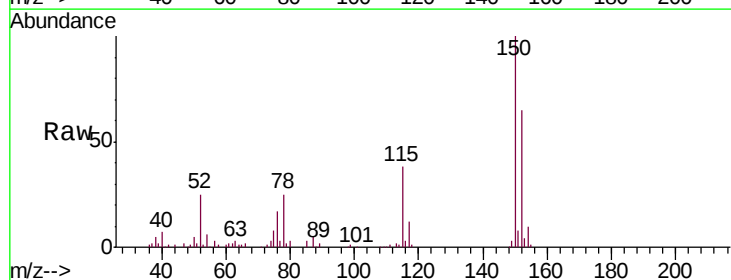
Acq: 28 Jun 2019 16:43

Tgt Ion: 75 Resp: 5844

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

