

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033148.D
 Acq On : 02 Jul 2019 18:11
 Operator : JC/SP
 Sample : K3597-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM63DL

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 11:34:51 AM

Quant Time: Jul 03 03:52:01 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	5.87	114	84276	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32984	6.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.20%#
7) Chloroethane-d5	1.64	69	28408	6.37	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.40%
11) 1,1-Dichloroethene-d2	2.25	63	51104	4.45	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	4.19	46	101198	56.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.96%
24) Chloroform-d	4.63	84	62705	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.30	65	36848	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.32	84	119546	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.32	67	38722	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.56	98	101991	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	15605	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.31	63	71799	56.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35272	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	46479	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

					Ovalue
13) Acetone	2.32	43	10130	7.095 ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	847	0.140 ug/L	83
21) 2-Butanone	4.30	43	2668m	1.292 ug/L	
22) cis-1,2-Dichloroethene	4.21	96	21256	3.169 ug/L	100
34) Trichloroethene	6.18	95	4359	0.605 ug/L	92
47) Tetrachloroethene	8.22	164	62768	10.484 ug/L	98

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

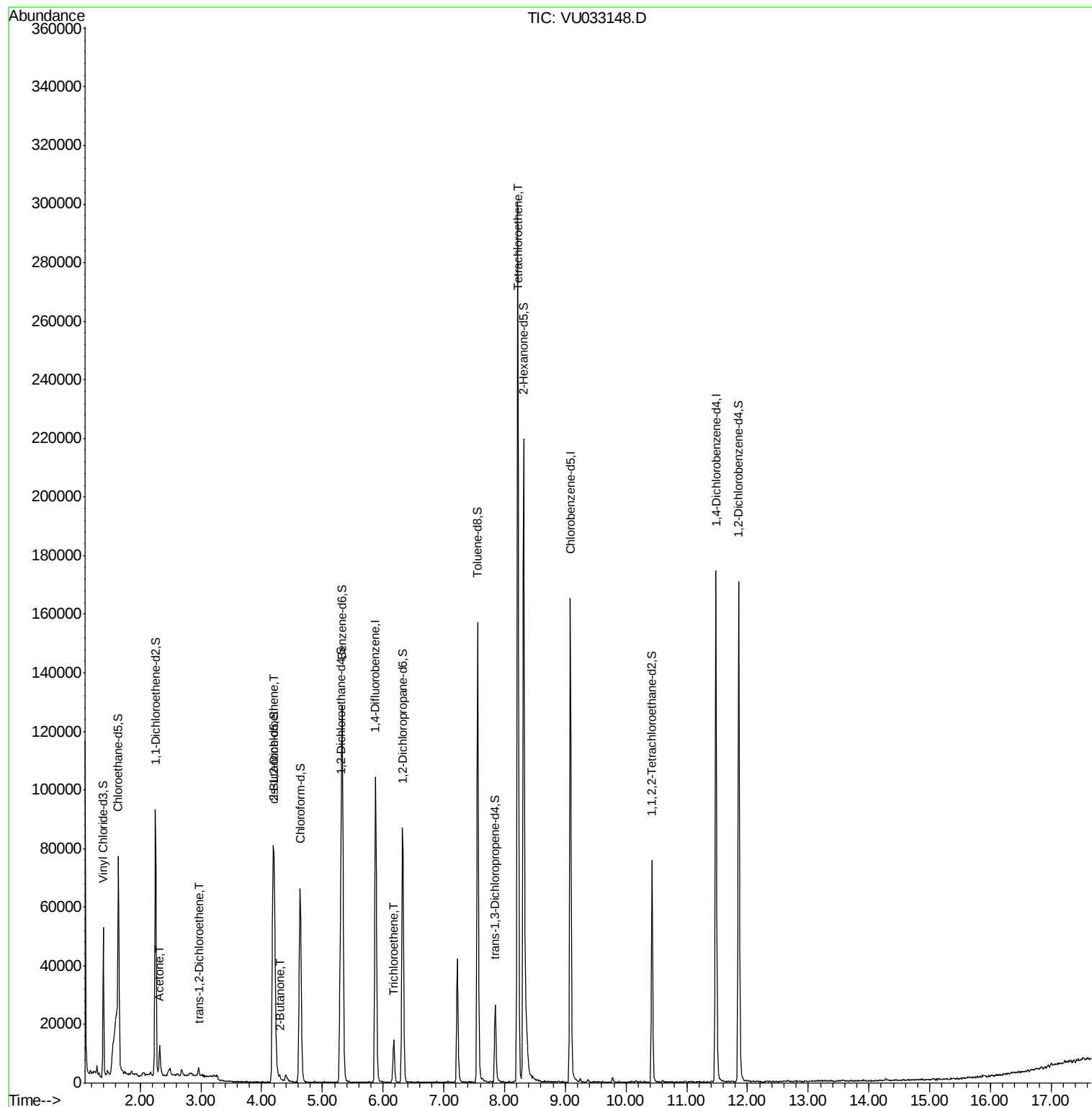
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070219\
Data File : VU033148.D
Acq On : 02 Jul 2019 18:11
Operator : JC/SP
Sample : K3597-06DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

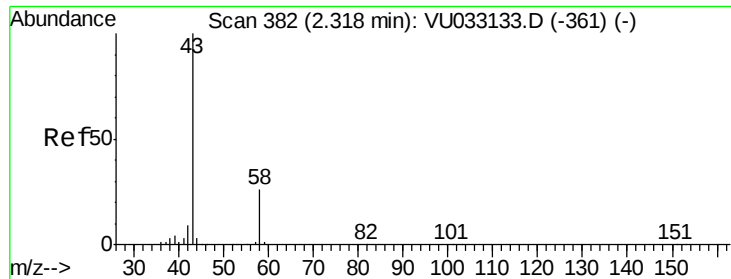
Instrument :
MSVOA_U
ClientSampleId :
GAM63DL

Manual Integrations
APPROVED

MMDadoda
7/3/2019 11:34:51 AM

Quant Time: Jul 03 03:52:01 2019
Quant Method : Z:\V0ASRV\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: 7.095 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

GAM63DL

Tot Ion: 43 Resp: 10130

Ion Ratio Lower Upper

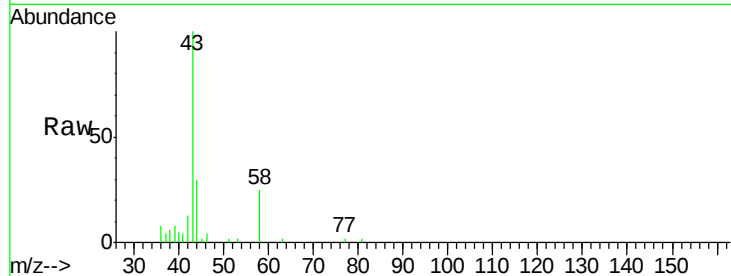
43 100

58 26.8 0.0 55.4

Manual Integrations
APPROVED

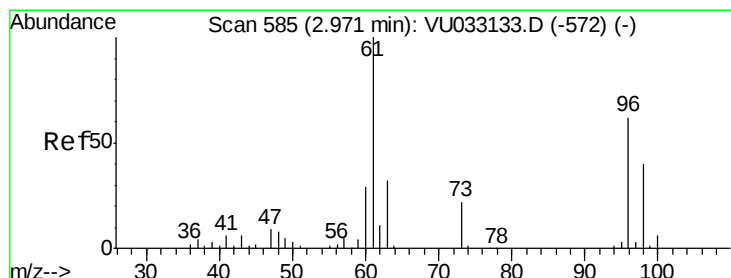
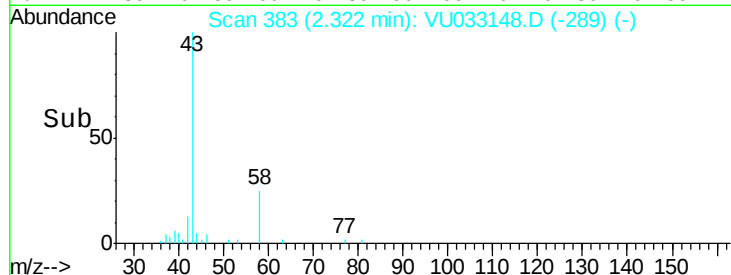
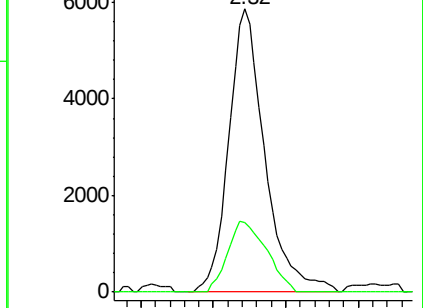
MMDadoda

7/3/2019 11:34:51 AM



Abundance Ion 43.05 (42.75 to 43.75): VU033148.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU033148.D (-289) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.140 ug/L

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

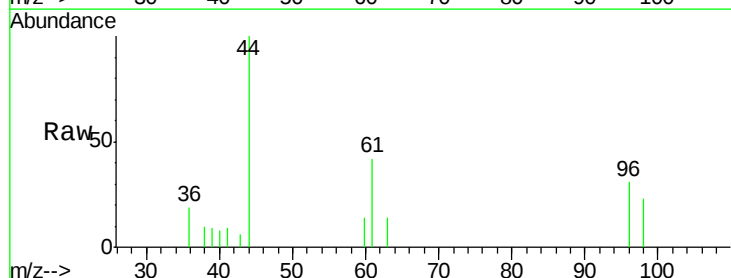
Tgt Ion: 96 Resp: 847

Ion Ratio Lower Upper

96 100

61 135.4 111.3 206.7

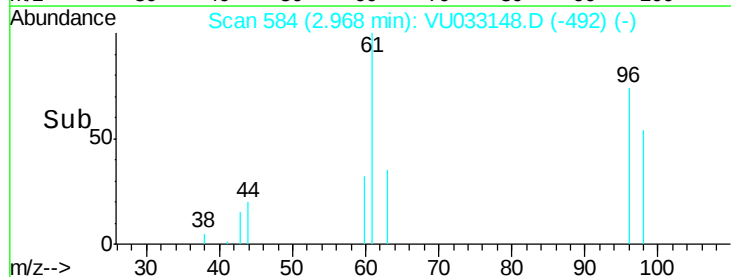
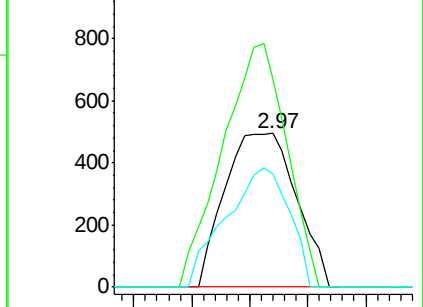
98 73.5 44.0 81.8

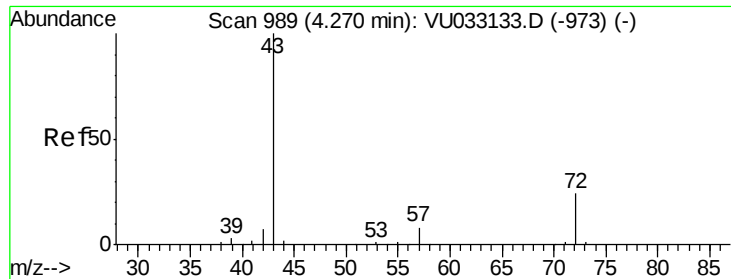


Abundance Ion 96.00 (95.70 to 96.70): VU033148.D (-492) (-)

Ion 61.05 (60.75 to 61.75): VU033148.D (-492) (-)

Ion 97.95 (97.65 to 98.65): VU033148.D (-492) (-)





#21

2-Butanone

Concen: 1.292 ug/L m

RT: 4.30 min Scan# 999

Delta R.T. 0.03 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

Instrument :

MSVOA_U

ClientSampleId :

GAM63DL

Tot Ion: 43 Resp: 2668

Ion Ratio Lower Upper

43 100

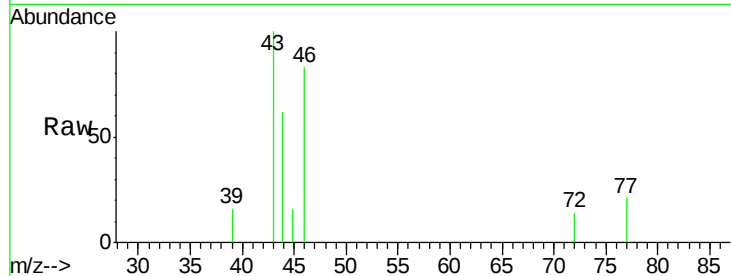
72 5.9 12.1 36.3#

Manual Integrations

APPROVED

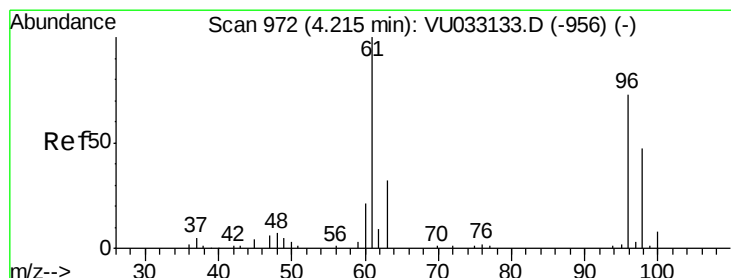
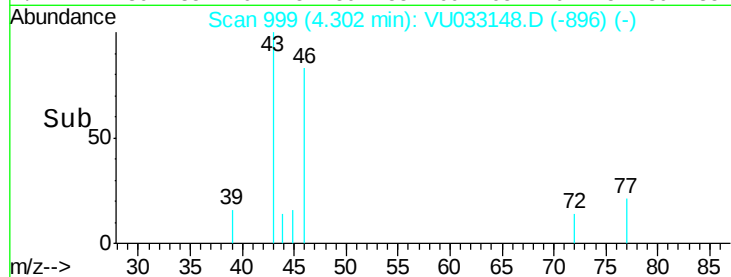
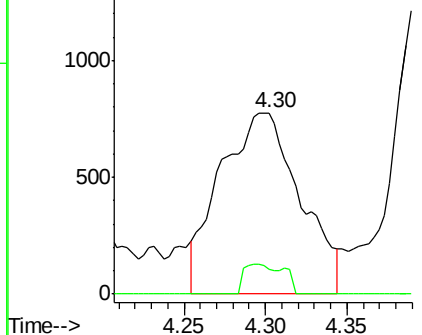
MMDadoda

7/3/2019 11:34:51 AM



Abundance Ion 43.05 (42.75 to 43.75): VU033148.D (-896) (-)

Ion 72.10 (71.80 to 72.80): VU033148.D (-896) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.169 ug/L

RT: 4.21 min Scan# 970

Delta R.T. -0.01 min

Lab File: VU033148.D

Acq: 02 Jul 2019 18:11

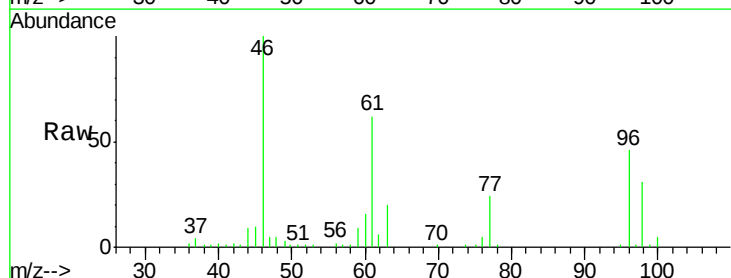
Tgt Ion: 96 Resp: 21256

Ion Ratio Lower Upper

96 100

61 133.6 93.9 174.5

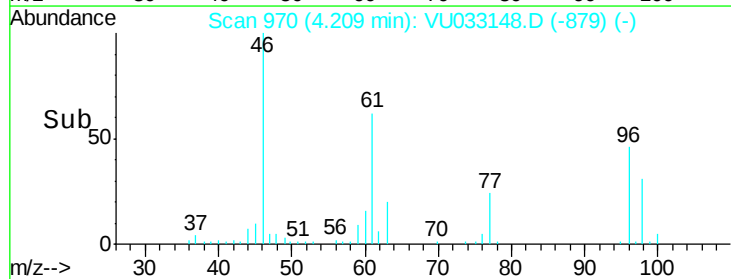
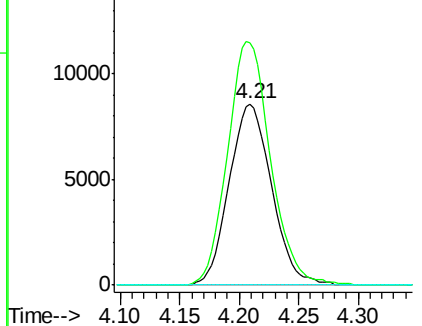
68 0.0 0.0 0.0

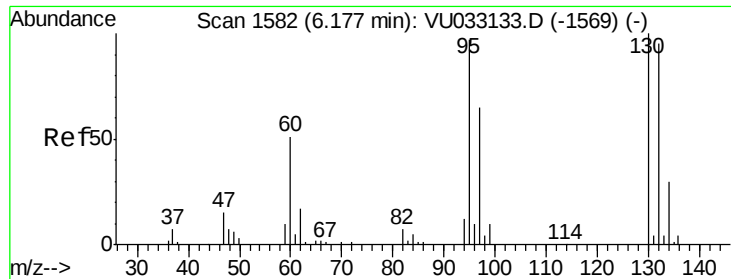


Abundance Ion 96.00 (95.70 to 96.70): VU033148.D (-879) (-)

Ion 61.05 (60.75 to 61.75): VU033148.D (-879) (-)

Ion 68.15 (67.85 to 68.85): VU033148.D (-879) (-)





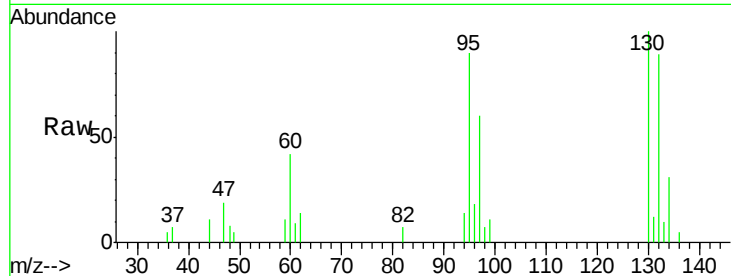
#34
 Trichloroethene
 Concen: 0.605 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VU033148.D
 Acq: 02 Jul 2019 18:11

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM63DL

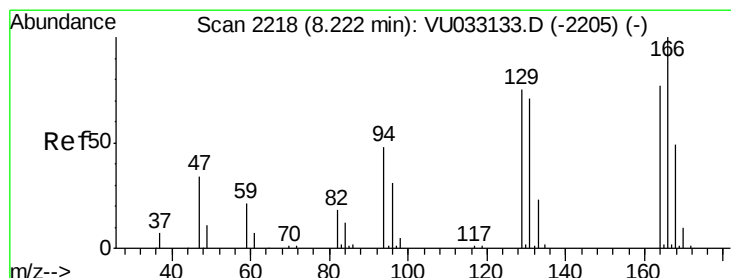
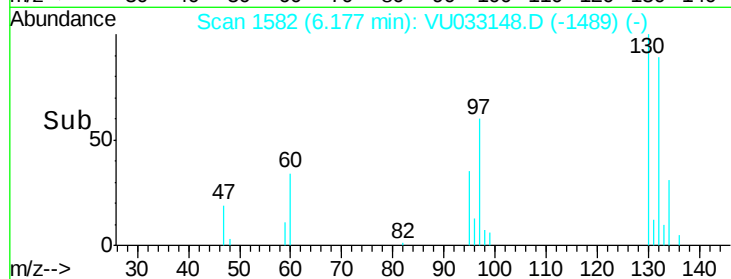
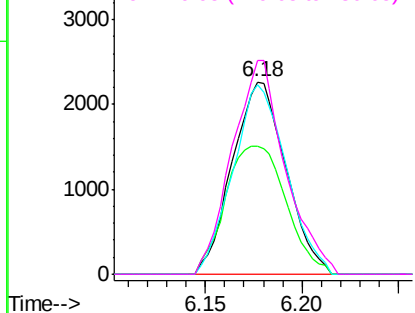
Tot Ion:	95	Resp:	4359
Ion	Ratio	Lower	Upper
95	100		
97	66.3	42.8	79.4
132	98.5	64.6	120.0
130	111.1	70.0	130.0

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 11:34:51 AM



Abundance Ion 95.00 (94.70 to 95.70): VU033148.D (-1489) (-)
 Ion 96.95 (96.65 to 97.65): VU033148.D (-1489) (-)
 Ion 131.95 (131.65 to 132.65): VU033148.D (-1489) (-)
 Ion 129.95 (129.65 to 130.65): VU033148.D (-1489) (-)



#47
 Tetrachloroethene
 Concen: 10.484 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VU033148.D
 Acq: 02 Jul 2019 18:11

Tgt Ion:	164	Resp:	62768
Ion	Ratio	Lower	Upper
164	100		
129	93.2	65.3	121.3
131	90.1	60.3	112.1
166	125.6	86.9	161.3

Abundance Ion 163.90 (163.60 to 164.60): VU033148.D (-2125) (-)
 Ion 128.95 (128.65 to 129.65): VU033148.D (-2125) (-)
 Ion 130.95 (130.65 to 131.65): VU033148.D (-2125) (-)
 Ion 165.90 (165.60 to 166.60): VU033148.D (-2125) (-)

