

Data File : VU033082.D
Acq On : 28 Jun 2019 19:55
Operator : JC/SP
Sample : K3597-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM61

Quant Time: Jun 29 01:03:12 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	86456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43422	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	18894	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.68	69	17874	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.27	63	32807	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.19	46	89126	51.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.04%
24) Chloroform-d	4.64	84	49326	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.30	65	29568	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.33	84	86337	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.32	67	30537	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.56	98	73773	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	7.85	79	11004	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.31	63	57177	46.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28066	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	33650	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

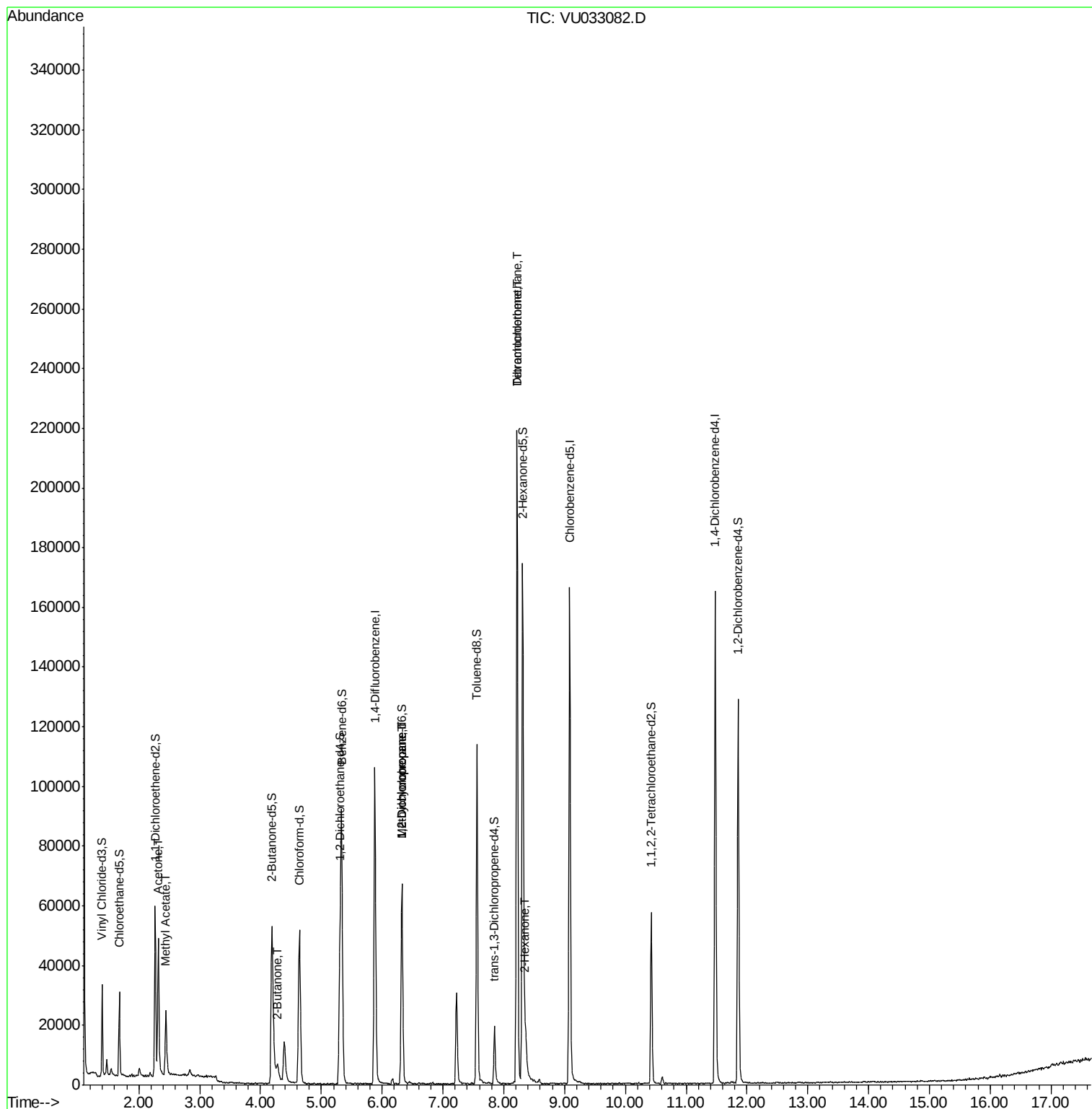
					Qvalue
13) Acetone	2.32	43	49905	33.897 ug/L	96
15) Methyl Acetate	2.44	43	5710	1.677 ug/L #	56
21) 2-Butanone	4.28	43	8086	3.902 ug/L #	73
35) Methylcyclohexane	6.32	83	6825	0.642 ug/L #	16
37) 1,2-Dichloropropane	6.32	63	3602	0.515 ug/L #	87
47) Tetrachloroethene	8.22	164	47197	8.213 ug/L	99
48) 2-Hexanone	8.36	43	6766	1.961 ug/L #	85
49) Dibromochloromethane	8.22	129	44245	7.109 ug/L #	11

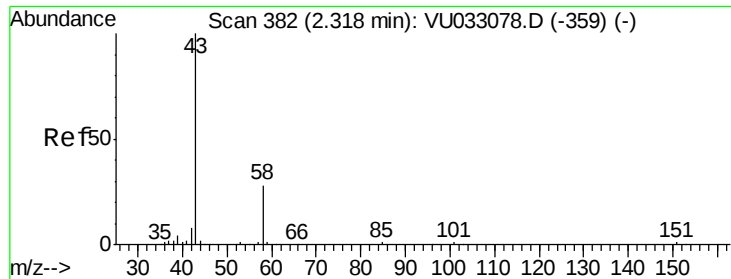
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 33.897 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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Acq: 28 Jun 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

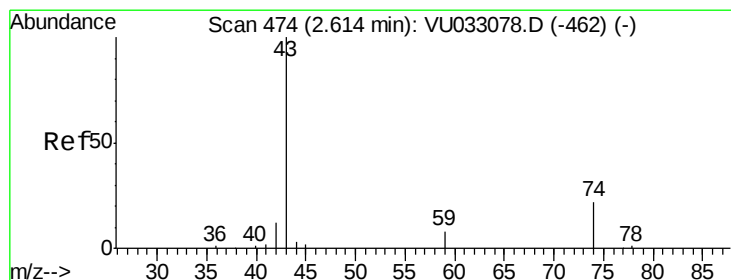
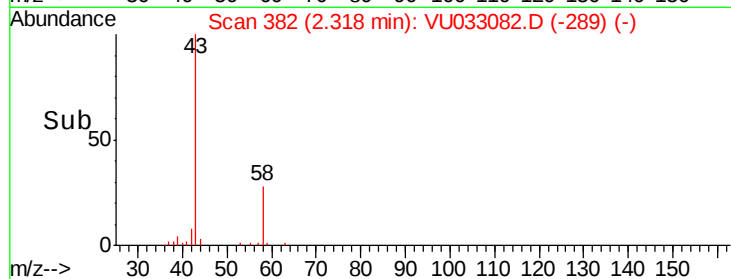
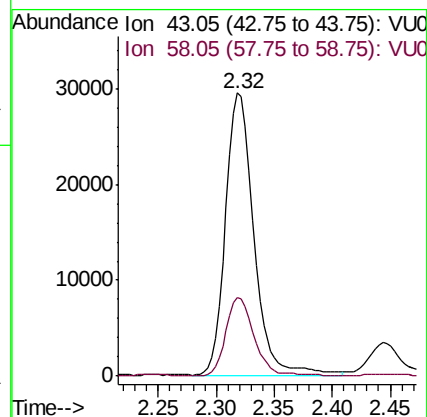
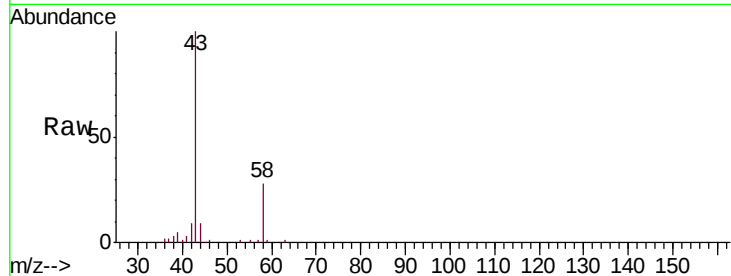
GAM61

Tgt Ion: 43 Resp: 49905

Ion Ratio Lower Upper

43 100

58 28.1 0.0 51.8



#15

Methyl Acetate

Concen: 1.677 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU033082.D

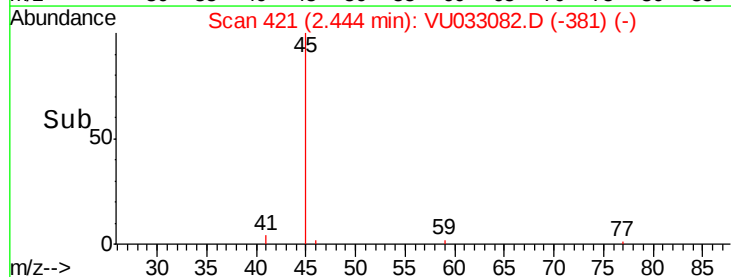
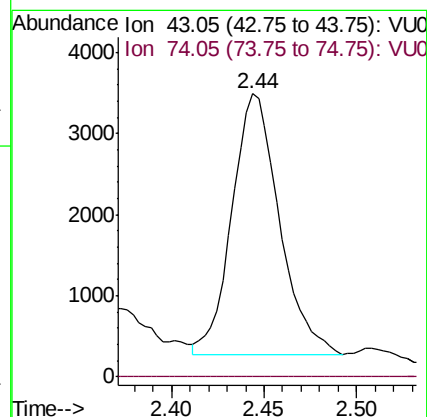
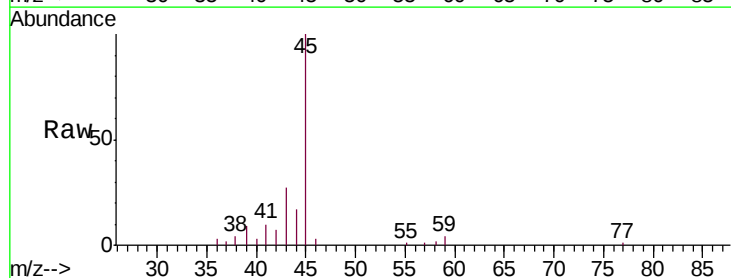
Acq: 28 Jun 2019 19:55

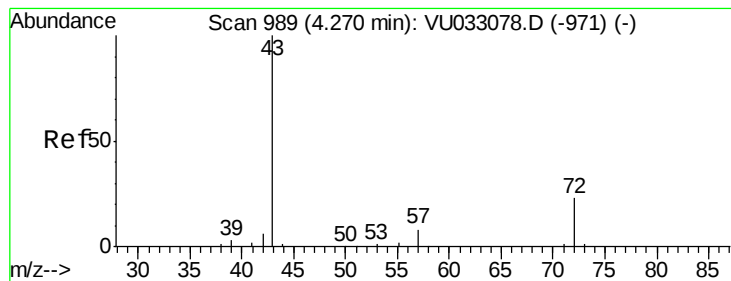
Tgt Ion: 43 Resp: 5710

Ion Ratio Lower Upper

43 100

74 0.0 16.1 24.1#





#21

2-Butanone

Concen: 3.902 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU033082.D

Acq: 28 Jun 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

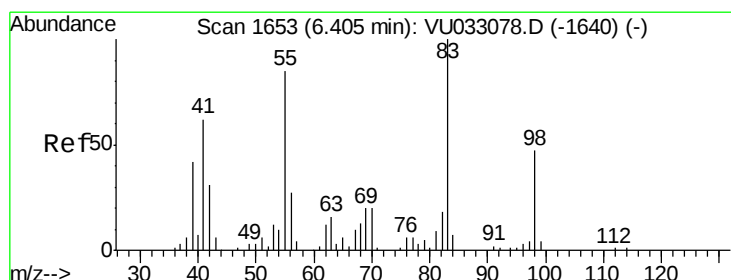
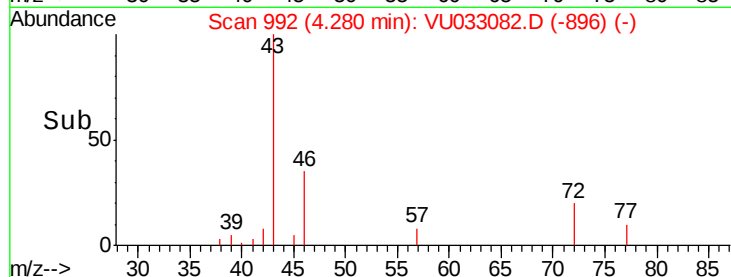
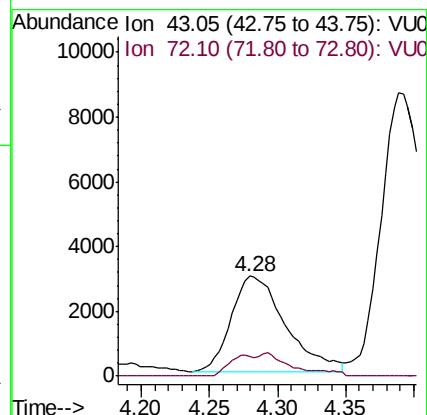
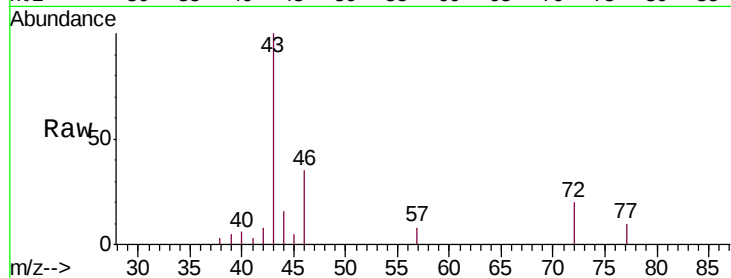
GAM61

Tgt Ion: 43 Resp: 8086

Ion Ratio Lower Upper

43 100

72 10.1 11.5 34.5#



#35

Methylcyclohexane

Concen: 0.642 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033082.D

Acq: 28 Jun 2019 19:55

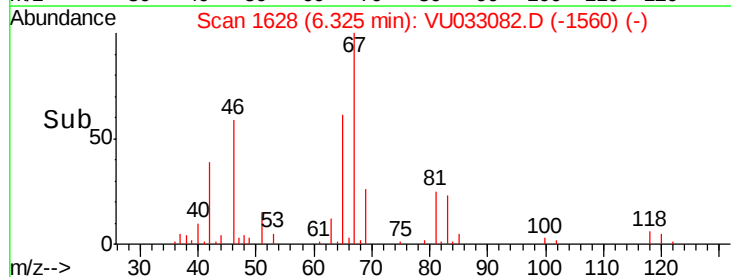
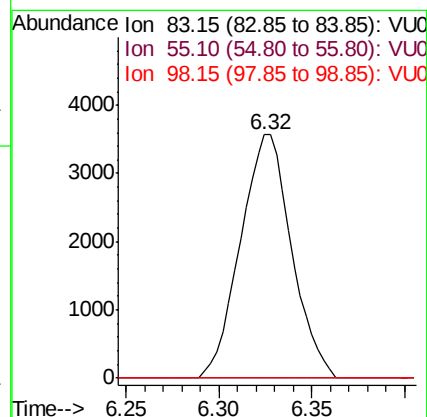
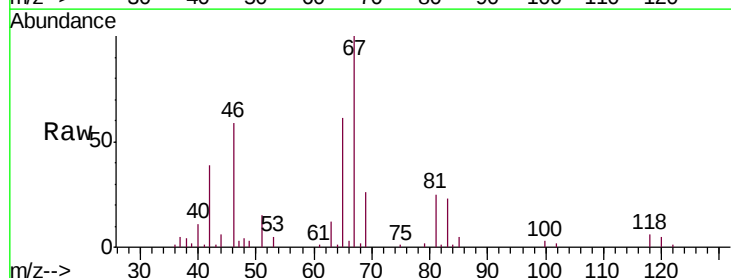
Tgt Ion: 83 Resp: 6825

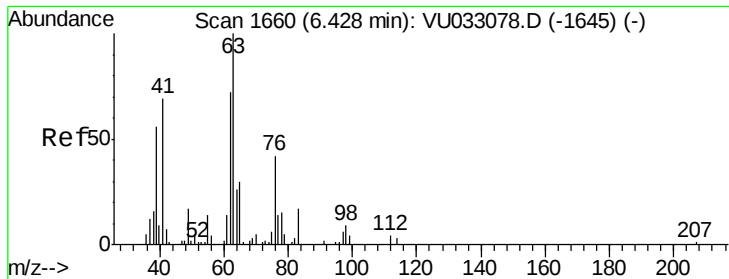
Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

98 0.8 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033082.D

Acq: 28 Jun 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

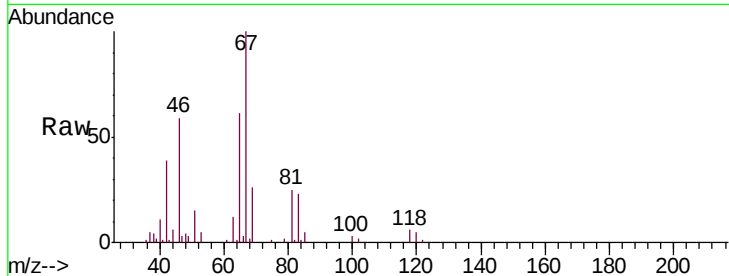
GAM61

Tgt Ion: 63 Resp: 3602

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU033078.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU033078.D (-1645) (-)

6.32

1500

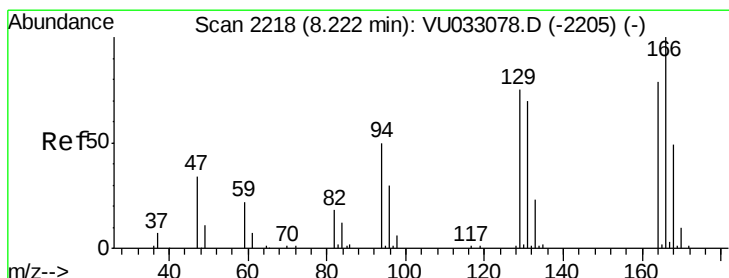
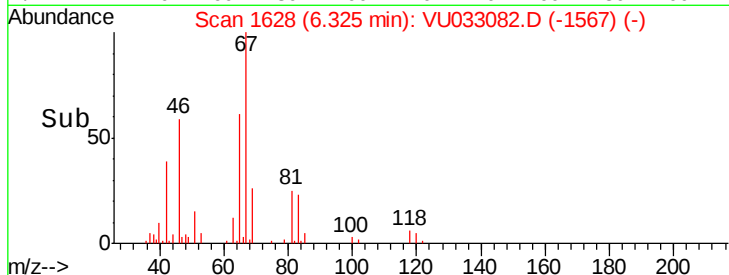
1000

500

0

6.30 6.35

Time-->



#47

Tetrachloroethene

Concen: 8.213 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU033082.D

Acq: 28 Jun 2019 19:55

Tgt Ion: 164 Resp: 47197

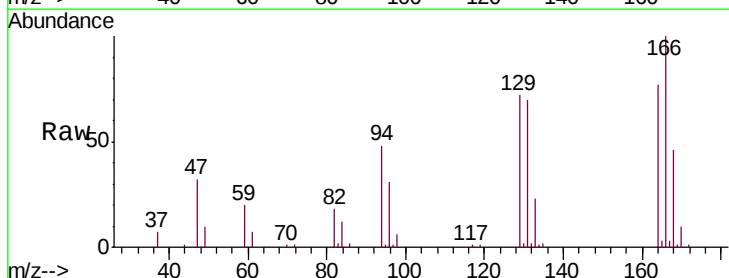
Ion Ratio Lower Upper

164 100

129 93.5 64.9 120.5

131 90.6 63.5 117.9

166 130.2 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VU033078.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU033078.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU033078.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU033078.D (-2205) (-)

50000

40000

30000

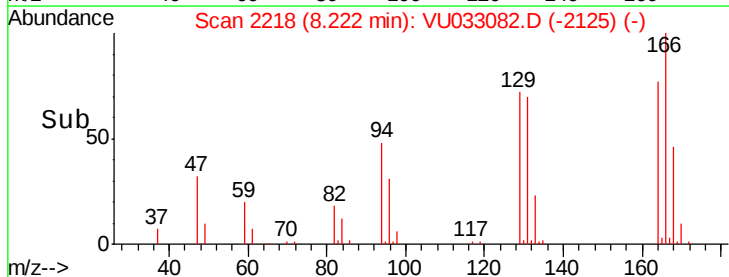
20000

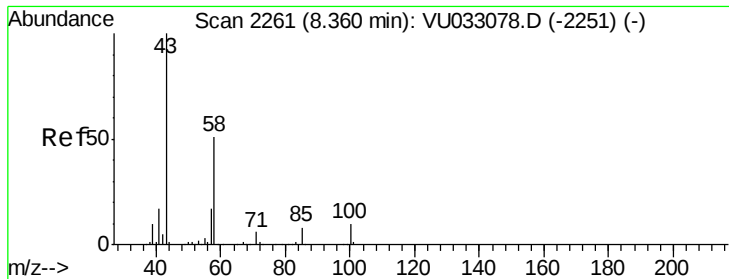
10000

0

8.15 8.20 8.25 8.30

Time-->

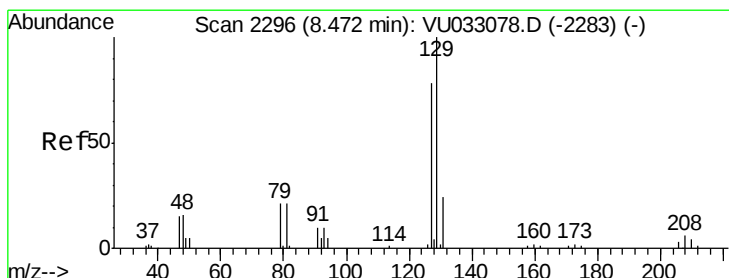
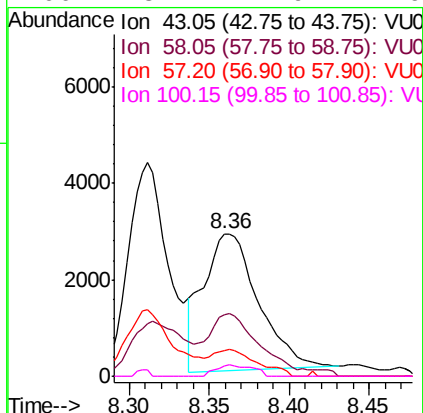
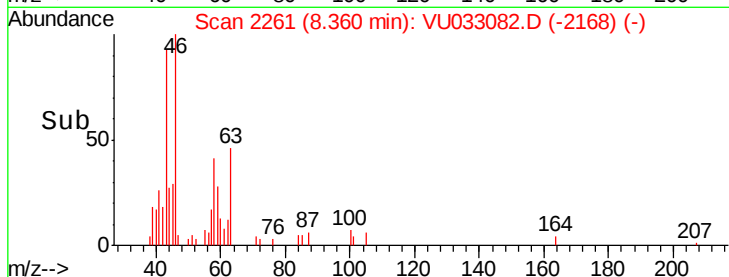
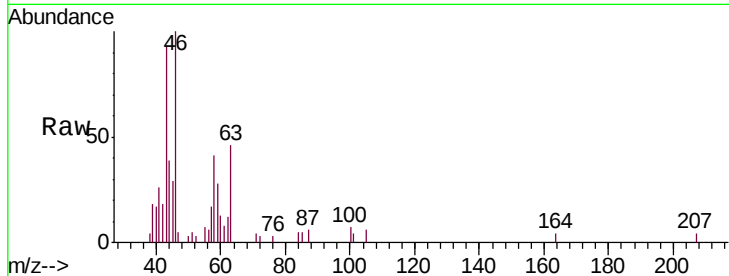




#48
2-Hexanone
Concen: 1.961 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU033082.D
Acq: 28 Jun 2019 19:55

Instrument :
MSVOA_U
ClientSampled :
GAM61

Tgt Ion: 43 Resp: 6766
Ion Ratio Lower Upper
43 100
58 36.4 40.0 60.0#
57 16.0 14.0 21.0
100 5.4 7.9 11.9#



#49
Dibromochloromethane
Concen: 7.109 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU033082.D
Acq: 28 Jun 2019 19:55

Tgt Ion: 129 Resp: 44245
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#

