

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026411.D
 Acq On : 28 Aug 2018 20:56
 Operator : MD/SY
 Sample : J4633-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 01:41:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	58249	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	25835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21262	2.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.60%
7) Chloroethane-d5	1.68	69	19422	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.60%
11) 1,1-Dichloroethene-d2	2.27	63	32667	2.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.80%#
20) 2-Butanone-d5	4.20	46	61592	42.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.84%
24) Chloroform-d	4.65	84	37254	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.31	65	21523	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
32) Benzene-d6	5.34	84	73098	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.20%
36) 1,2-Dichloropropane-d6	6.34	67	25454	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.80%
41) Toluene-d8	7.57	98	62207	3.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.60%#
43) trans-1,3-Dichloropropene-	7.85	79	7744	3.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.40%
46) 2-Hexanone-d5	8.32	63	44203	40.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	19980	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	24703	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

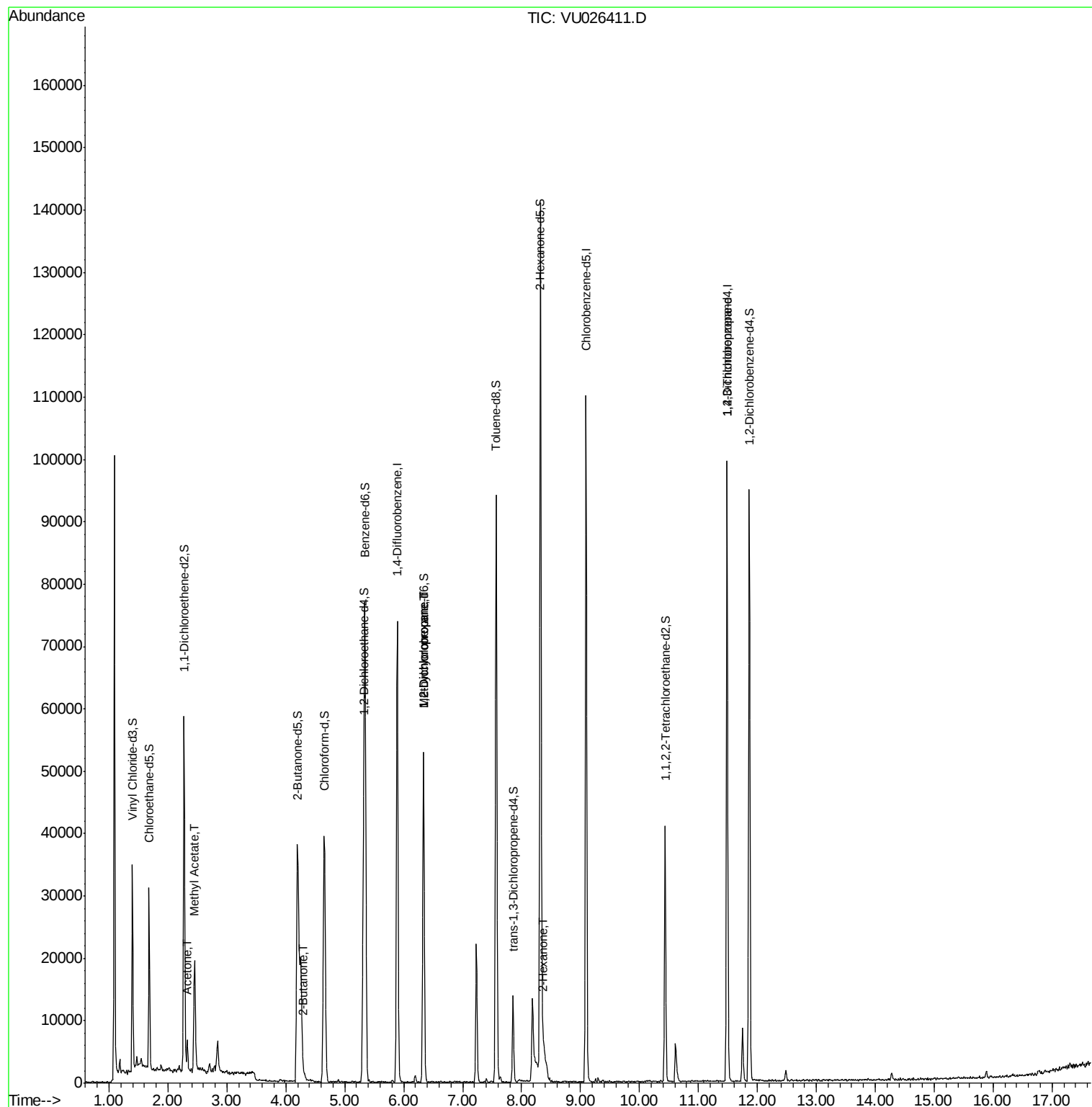
					Ovalue
13) Acetone	2.33	43	4889	4.615	ug/L 92
15) Methyl Acetate	2.45	43	4557	1.525	ug/L # 57
21) 2-Butanone	4.30	43	337	0.248	ug/L # 53
35) Methylcyclohexane	6.33	83	5756	0.763	ug/L # 15
37) 1,2-Dichloropropane	6.34	63	2715	0.499	ug/L # 89
48) 2-Hexanone	8.37	43	1083	0.477	ug/L # 90
59) 1,2,3-Trichloropropane	11.49	75	3323	1.057	ug/L # 87

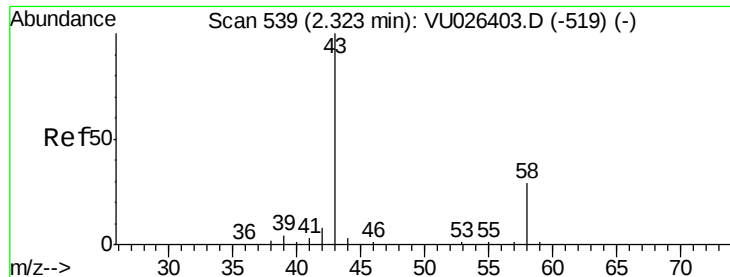
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082818\
Data File : VU026411.D
Acq On : 28 Aug 2018 20:56
Operator : MD/SY
Sample : J4633-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 29 01:41:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 00:08:04 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.615 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU026411.D

Acq: 28 Aug 2018 20:56

Instrument :

MSVOA_U

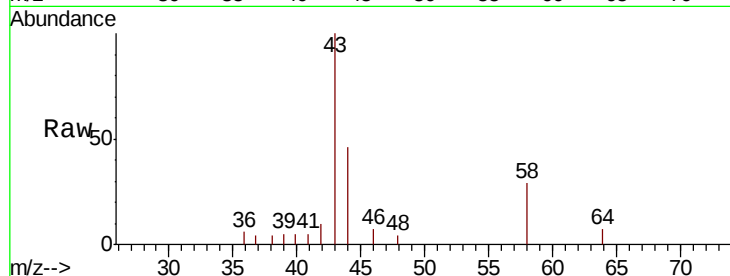
ClientSampleId :

Tot Ion: 43 Resp: 4889

Ion Ratio Lower Upper

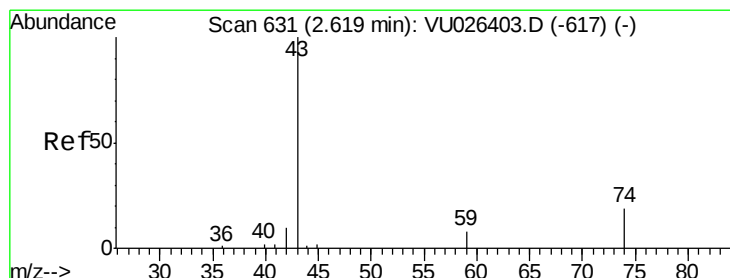
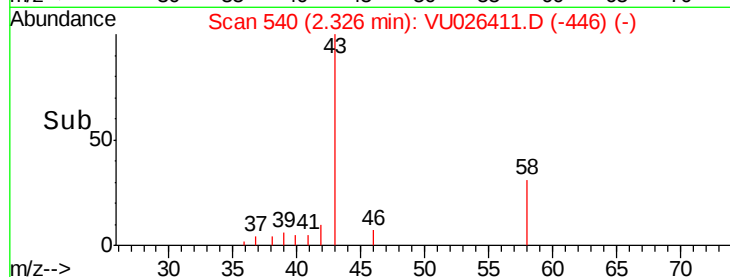
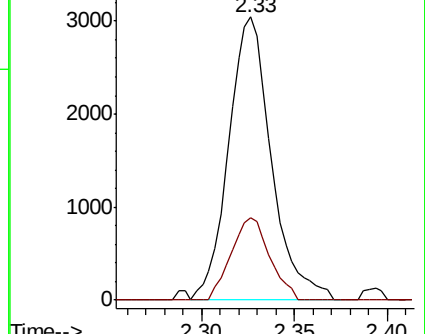
43 100

58 26.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 1.525 ug/L

RT: 2.45 min Scan# 578

Delta R.T. -0.17 min

Lab File: VU026411.D

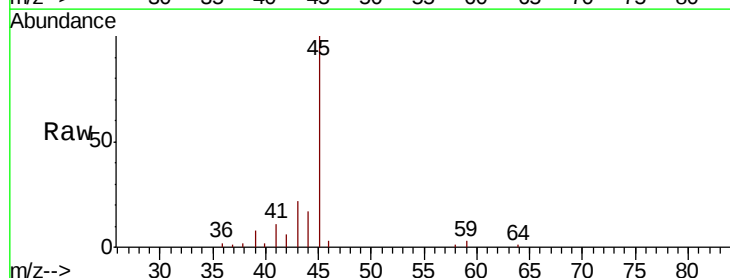
Acq: 28 Aug 2018 20:56

Tgt Ion: 43 Resp: 4557

Ion Ratio Lower Upper

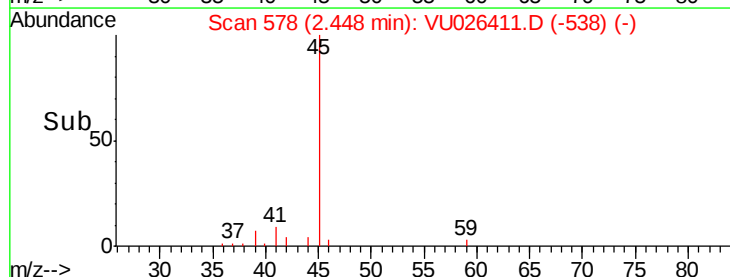
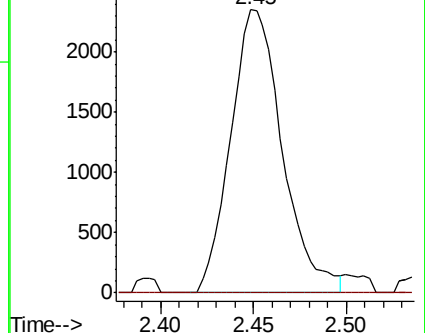
43 100

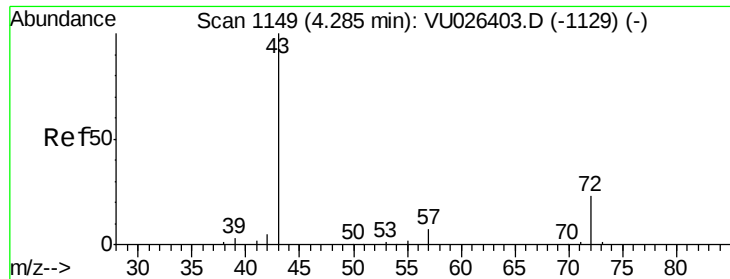
74 0.0 15.4 23.2#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

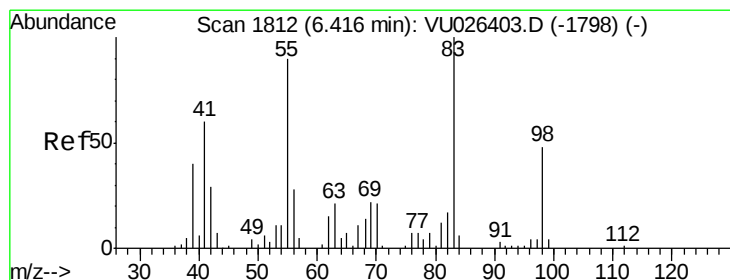
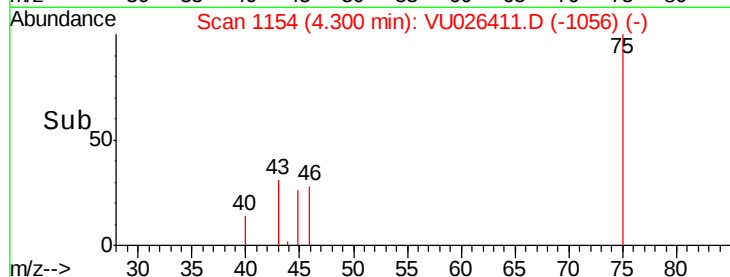
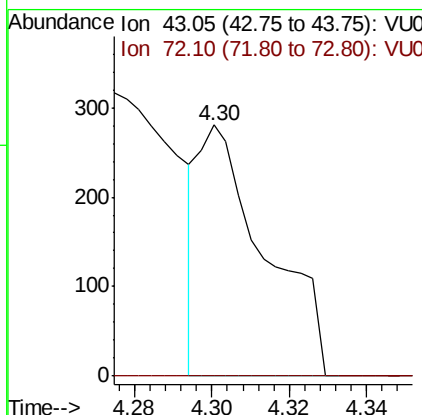
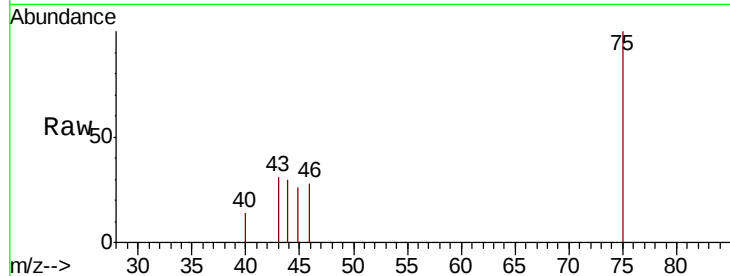




#21
 2-Butanone
 Concen: 0.248 ug/L
 RT: 4.30 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: VU026411.D
 Acq: 28 Aug 2018 20:56

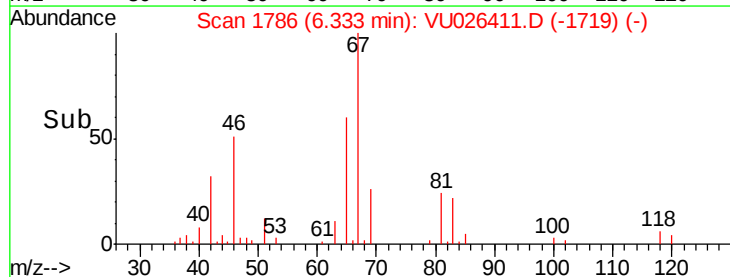
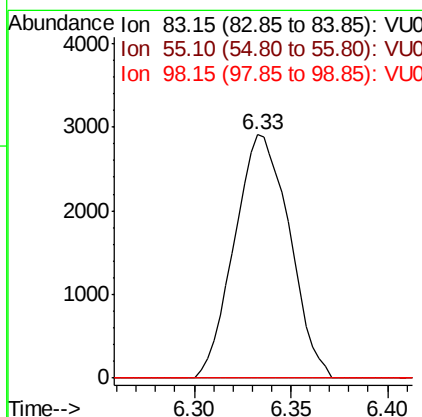
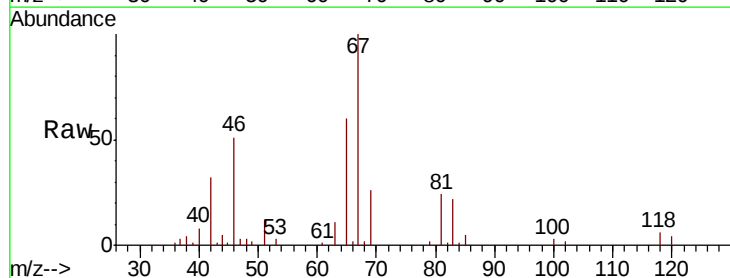
Instrument :
 MSVOA_U
 ClientSampleId :

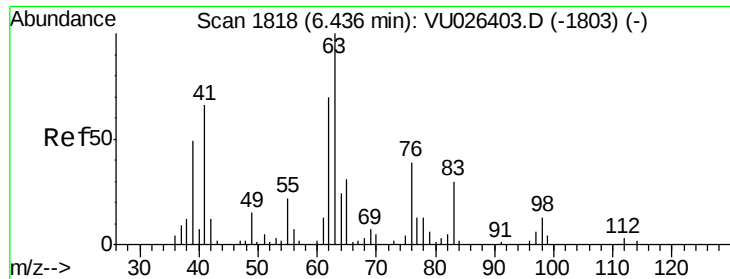
Tot Ion: 43 Resp: 337
 Ion Ratio Lower Upper
 43 100
 72 0.0 11.4 34.1#



#35
 Methylcyclohexane
 Concen: 0.763 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.08 min
 Lab File: VU026411.D
 Acq: 28 Aug 2018 20:56

Tgt Ion: 83 Resp: 5756
 Ion Ratio Lower Upper
 83 100
 55 0.0 68.1 102.1#
 98 0.0 36.0 54.0#





#37

1,2-Dichloropropane

Concen: 0.499 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU026411.D

Acq: 28 Aug 2018 20:56

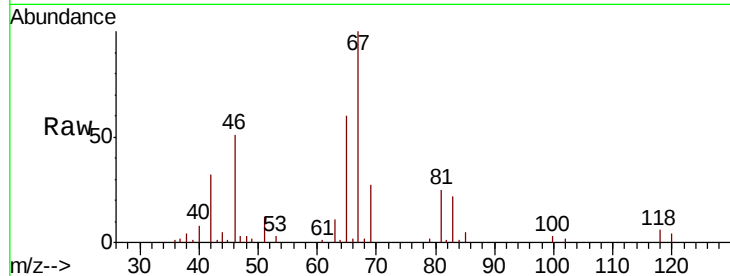
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 63 Resp: 2715

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

1500

1000

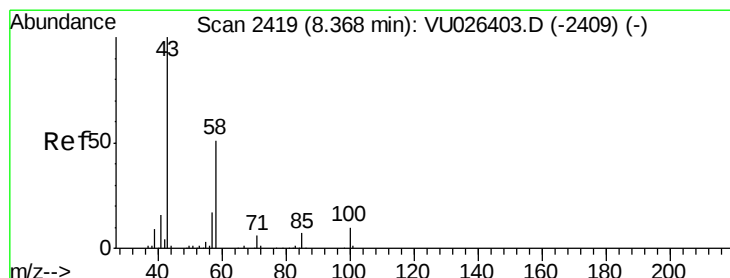
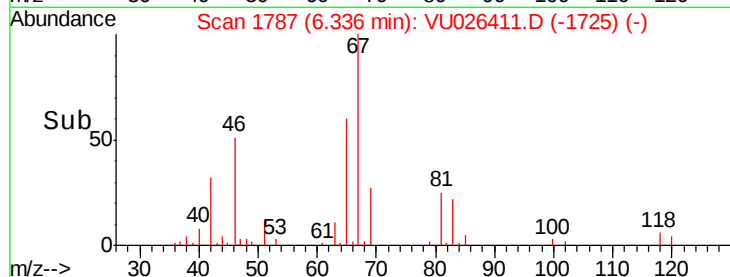
500

0

6.30 6.35

6.34

Time-->



#48

2-Hexanone

Concen: 0.477 ug/L

RT: 8.37 min Scan# 2421

Delta R.T. 0.01 min

Lab File: VU026411.D

Acq: 28 Aug 2018 20:56

Tgt Ion: 43 Resp: 1083

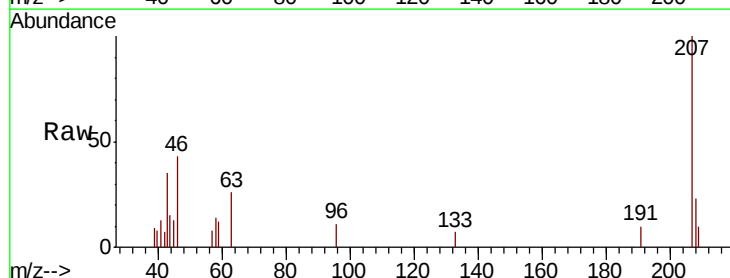
Ion Ratio Lower Upper

43 100

58 43.6 40.5 60.7

57 17.2 14.0 21.0

100 0.0 7.6 11.4#



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

2000

1500

1000

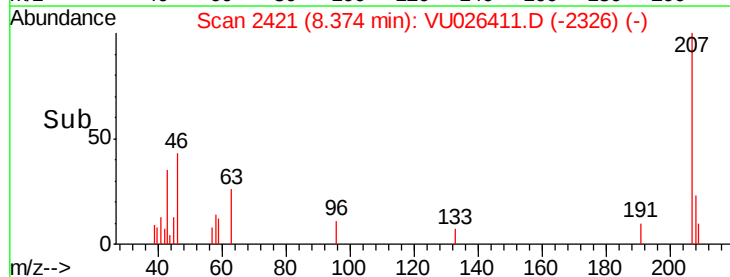
500

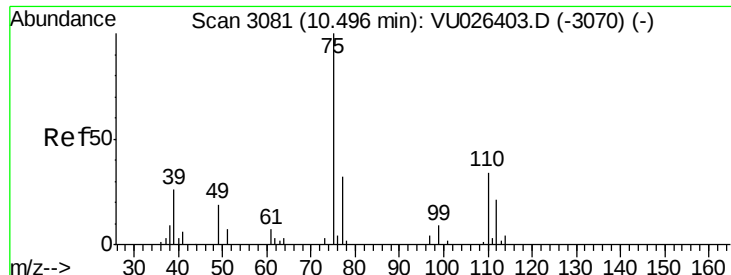
0

8.35 8.40

8.37

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.057 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026411.D

Acq: 28 Aug 2018 20:56

Instrument :

MSVOA_U

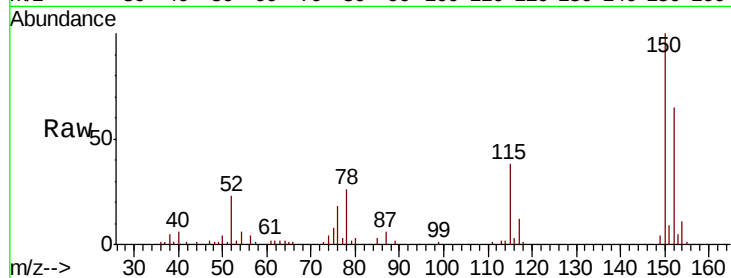
ClientSampleId :

Tot Ion: 75 Resp: 3323

Ion Ratio Lower Upper

75 100

77 38.2 25.0 37.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

