

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026195.D
 Acq On : 17 Aug 2018 21:49
 Operator : MD/SY
 Sample : J4515-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 18 01:30:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 01:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	119956	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	121329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	52843	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35656	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.68	69	28806	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.27	63	54155	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.20	46	104789	57.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.86%
24) Chloroform-d	4.65	84	79221	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.32	65	44433	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.35	84	150992	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.34	67	50387	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.57	98	131443	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.86	79	18243	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.32	63	78687	52.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.12%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	39850	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	53255	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

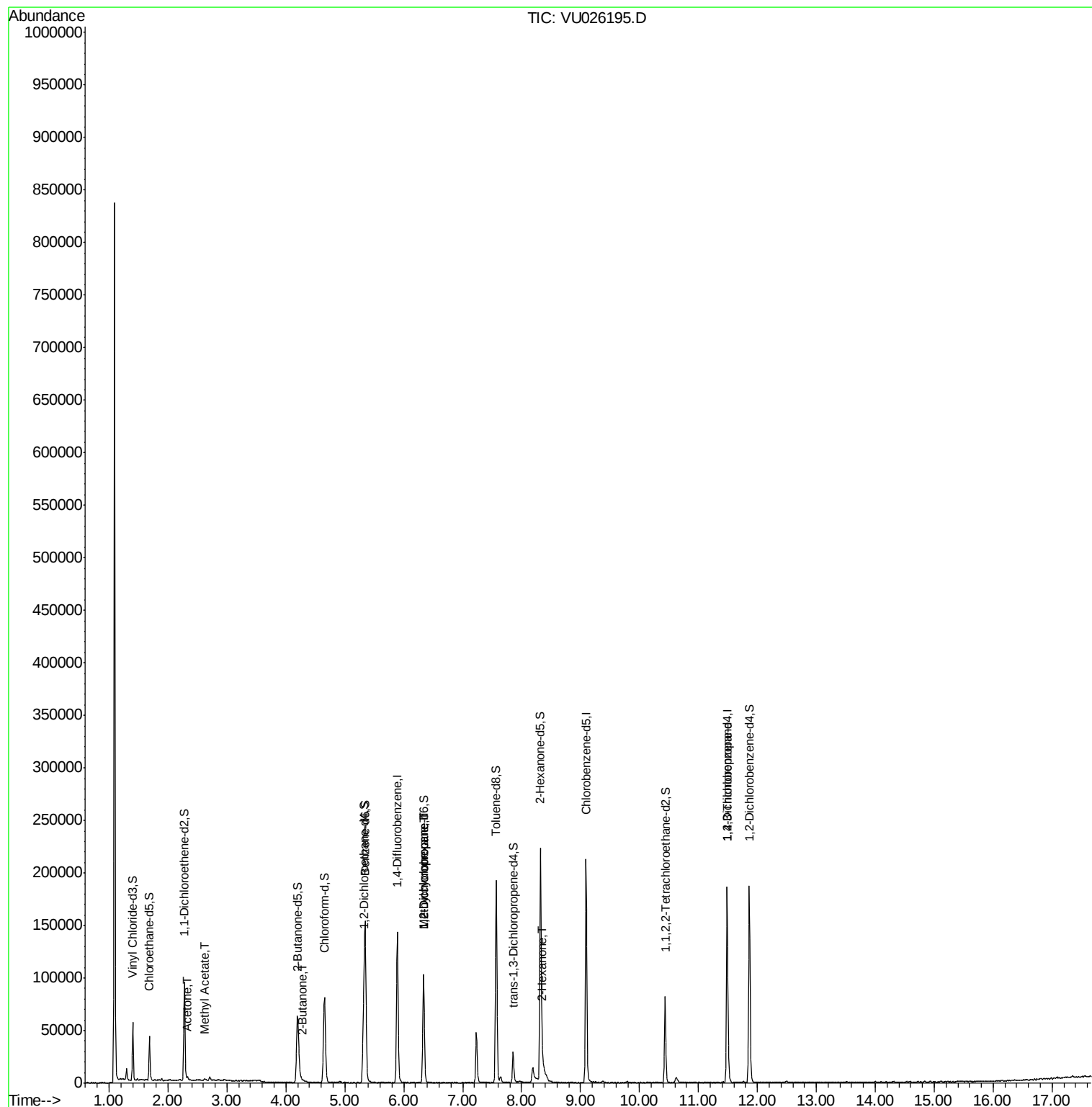
					Ovalue
13) Acetone	2.33	43	3117	2.602 ug/L	97
15) Methyl Acetate	2.62	43	2358	0.730 ug/L #	88
21) 2-Butanone	4.29	43	797	0.379 ug/L #	59
35) Methylcyclohexane	6.34	83	11794	0.839 ug/L #	16
37) 1,2-Dichloropropane	6.34	63	5296	0.559 ug/L #	98
48) 2-Hexanone	8.36	43	2877	0.810 ug/L #	75
59) 1,2,3-Trichloropropane	11.49	75	5923	1.035 ug/L	92

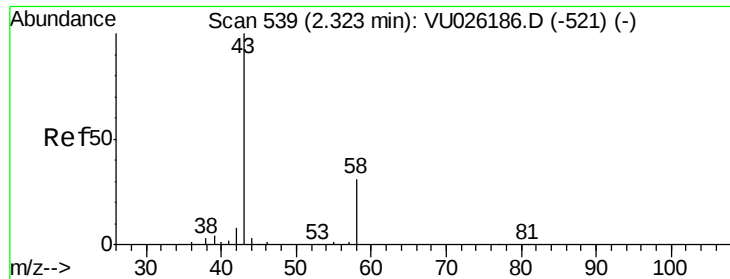
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:29:07 2018
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#13

Acetone

Concen: 2.602 ug/L

RT: 2.33 min Scan# 541

Delta R.T. 0.01 min

Lab File: VU026195.D

Acq: 17 Aug 2018 21:49

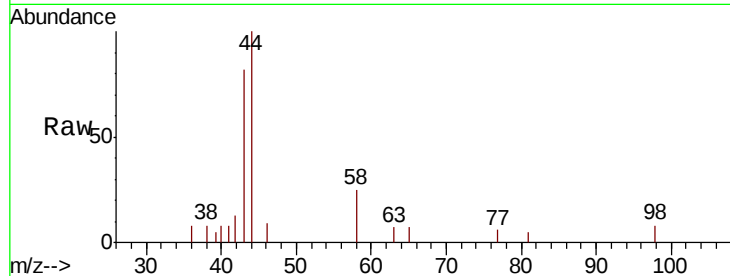
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3117

Ion Ratio Lower Upper

43 100

58 27.9 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2000

1500

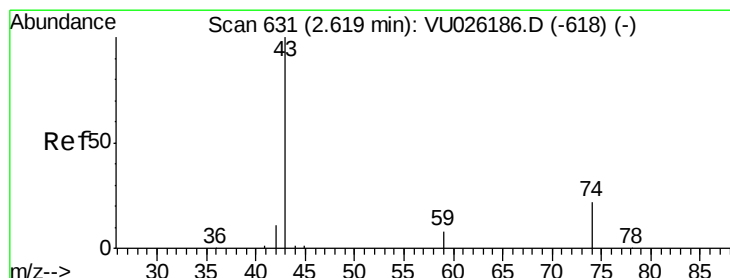
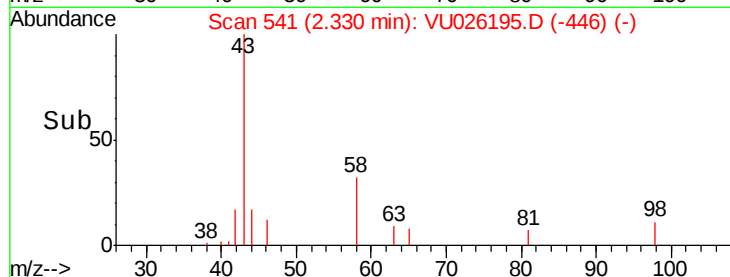
1000

500

0

2.25 2.30 2.35

Time-->



#15

Methyl Acetate

Concen: 0.730 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU026195.D

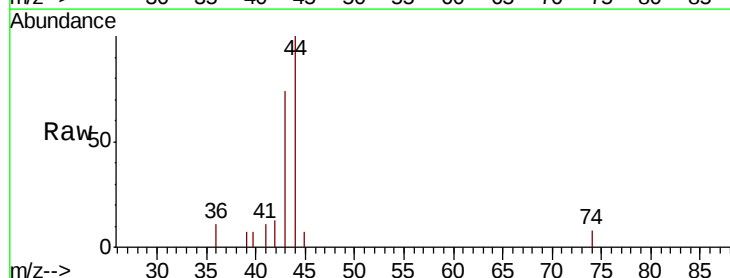
Acq: 17 Aug 2018 21:49

Tgt Ion: 43 Resp: 2358

Ion Ratio Lower Upper

43 100

74 15.0 16.6 24.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

1500

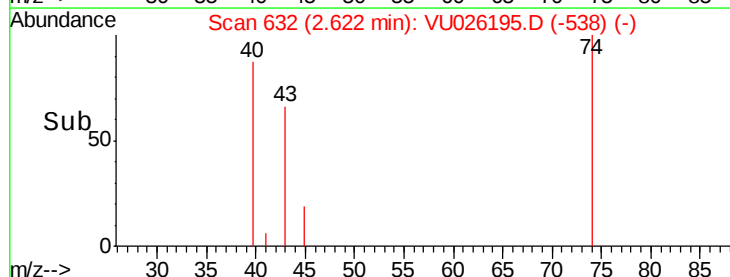
1000

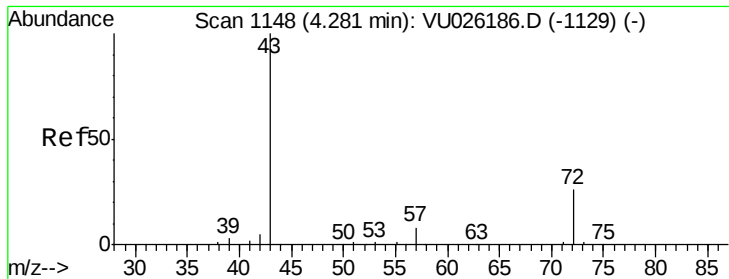
500

0

2.55 2.60 2.65

Time-->

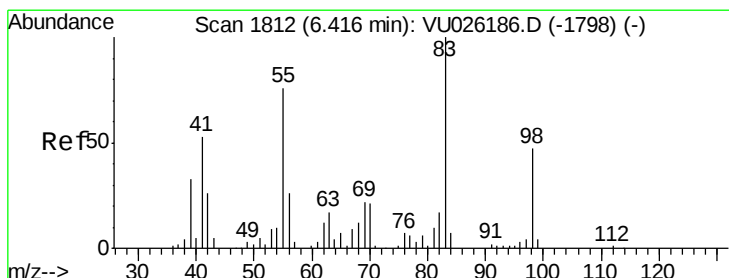
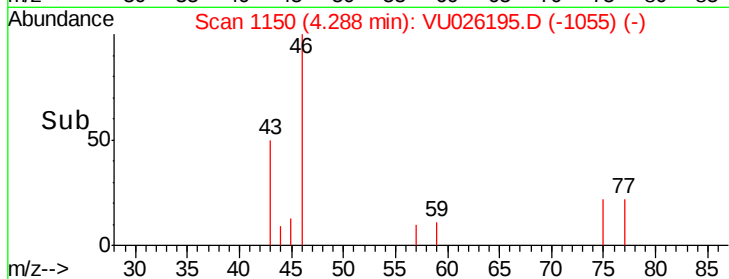
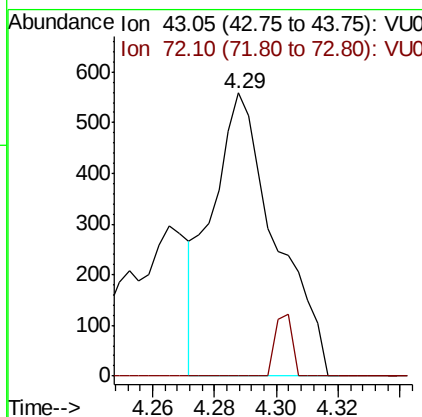
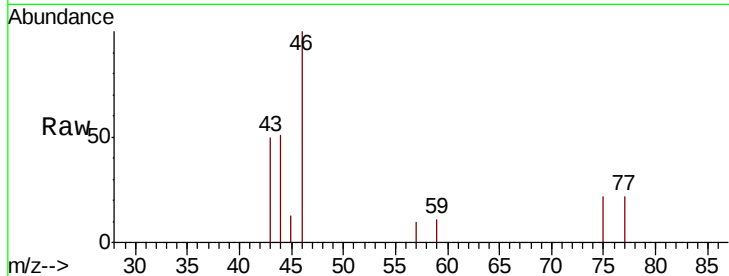




#21
 2-Butanone
 Concen: 0.379 ug/L
 RT: 4.29 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: VU026195.D
 Acq: 17 Aug 2018 21:49

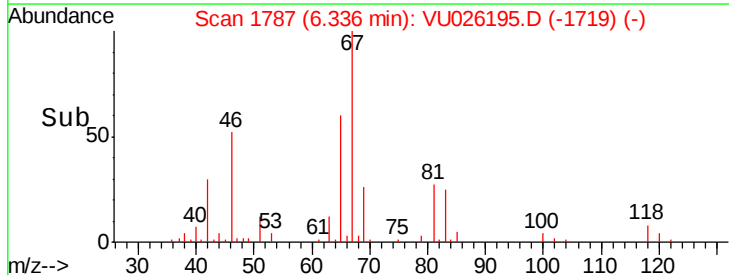
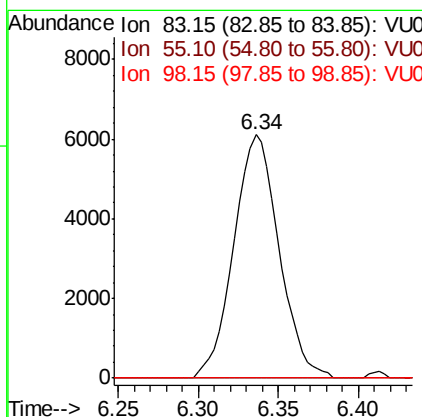
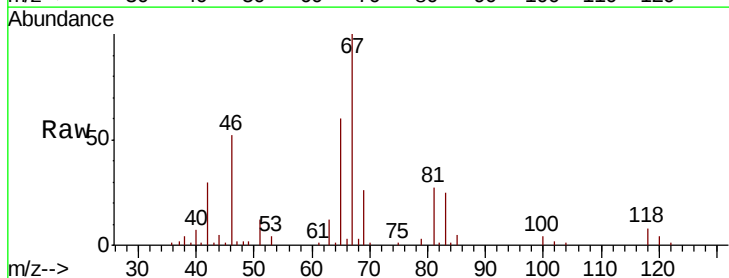
Instrument :
 MSVOA_U
 ClientSampled :

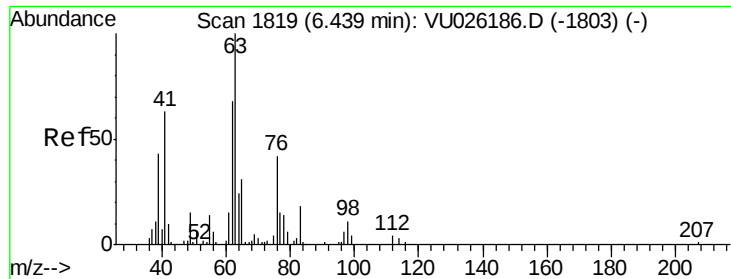
Tot Ion: 43 Resp: 797
 Ion Ratio Lower Upper
 43 100
 72 5.6 13.3 39.9#



#35
 Methylcyclohexane
 Concen: 0.839 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.08 min
 Lab File: VU026195.D
 Acq: 17 Aug 2018 21:49

Tgt Ion: 83 Resp: 11794
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.0 97.4#
 98 0.2 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU026195.D

Acq: 17 Aug 2018 21:49

Instrument :

MSVOA_U

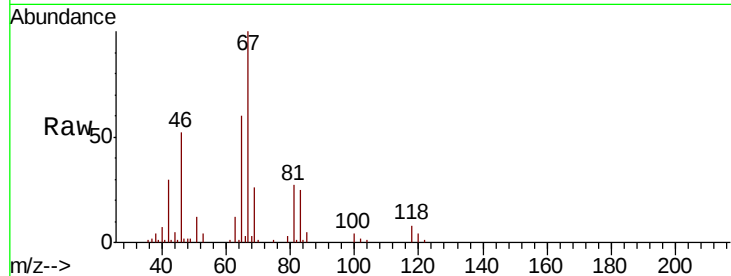
ClientSampleId :

Tot Ion: 63 Resp: 5296

Ion Ratio Lower Upper

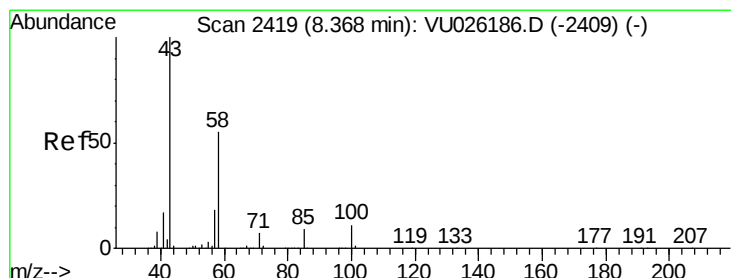
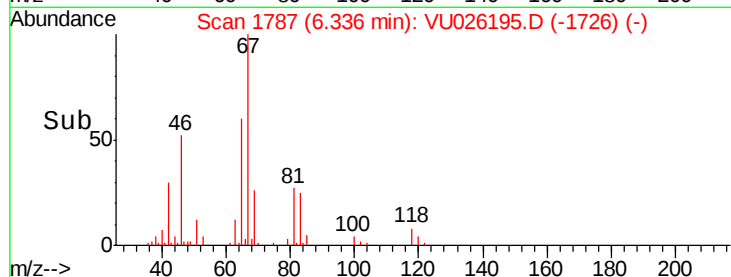
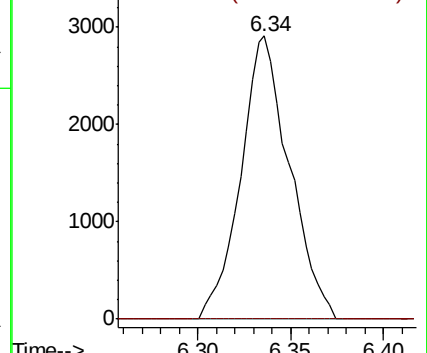
63 100

112 0.9 1.4 2.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 0.810 ug/L

RT: 8.36 min Scan# 2417

Delta R.T. -0.01 min

Lab File: VU026195.D

Acq: 17 Aug 2018 21:49

Tgt Ion: 43 Resp: 2877

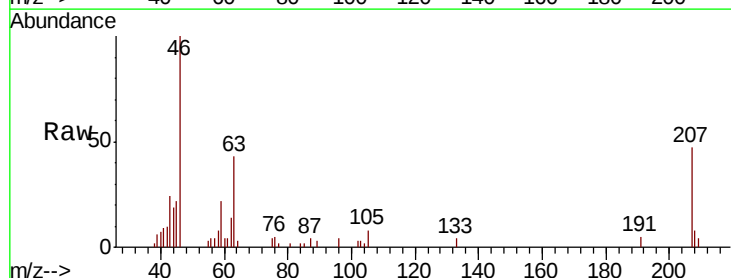
Ion Ratio Lower Upper

43 100

58 34.4 43.1 64.7#

57 11.1 15.4 23.0#

100 0.7 9.4 14.0#

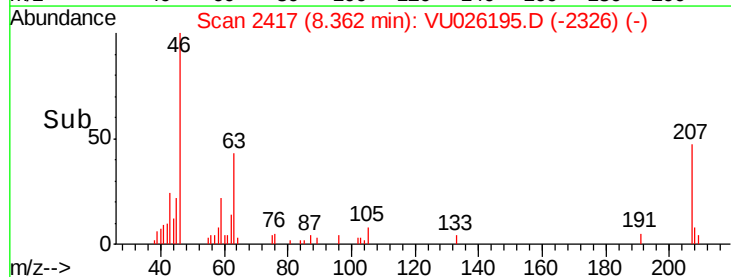
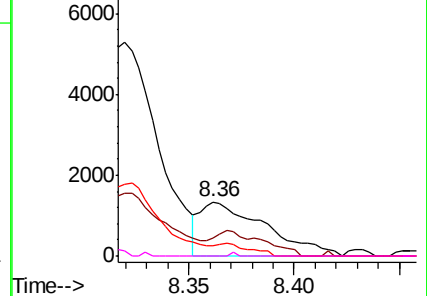


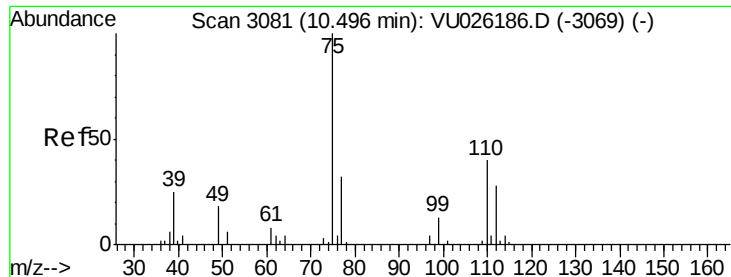
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#59

1,2,3-Trichloropropane

Concen: 1.035 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026195.D

Acq: 17 Aug 2018 21:49

Instrument :

MSVOA_U

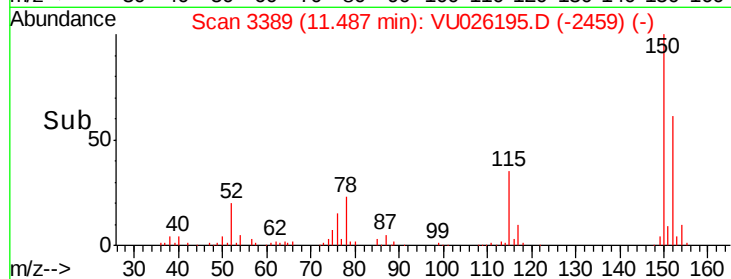
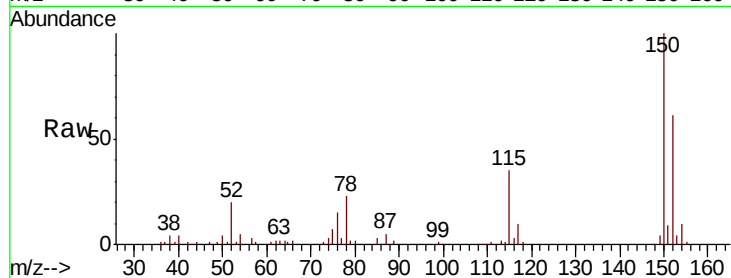
ClientSampleId :

Tot Ion: 75 Resp: 5923

Ion Ratio Lower Upper

75 100

77 41.1 29.0 43.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

