

Data File : VU026532.D
Acq On : 05 Sep 2018 09:53
Operator : MD/SY
Sample : J4694-13 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE31

Quant Time: Sep 06 04:38:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133070	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	122965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	49721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31100	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.44%
7) Chloroethane-d5	1.68	69	33421	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.27	63	44366	23.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.78%#
21) 2-Butanone-d5	4.18	46	77820	121.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.61%
24) Chloroform-d	4.65	84	75118	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	5.31	65	54746	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
32) Benzene-d6	5.35	84	140003	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	53176	54.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.24%
41) Toluene-d8	7.57	98	118818	43.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.86%
43) trans-1,3-Dichloropropene-	7.85	79	12792	28.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.54%#
47) 2-Hexanone-d5	8.31	63	55311	123.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80659	56.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	48435	53.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.38%

Target Compounds

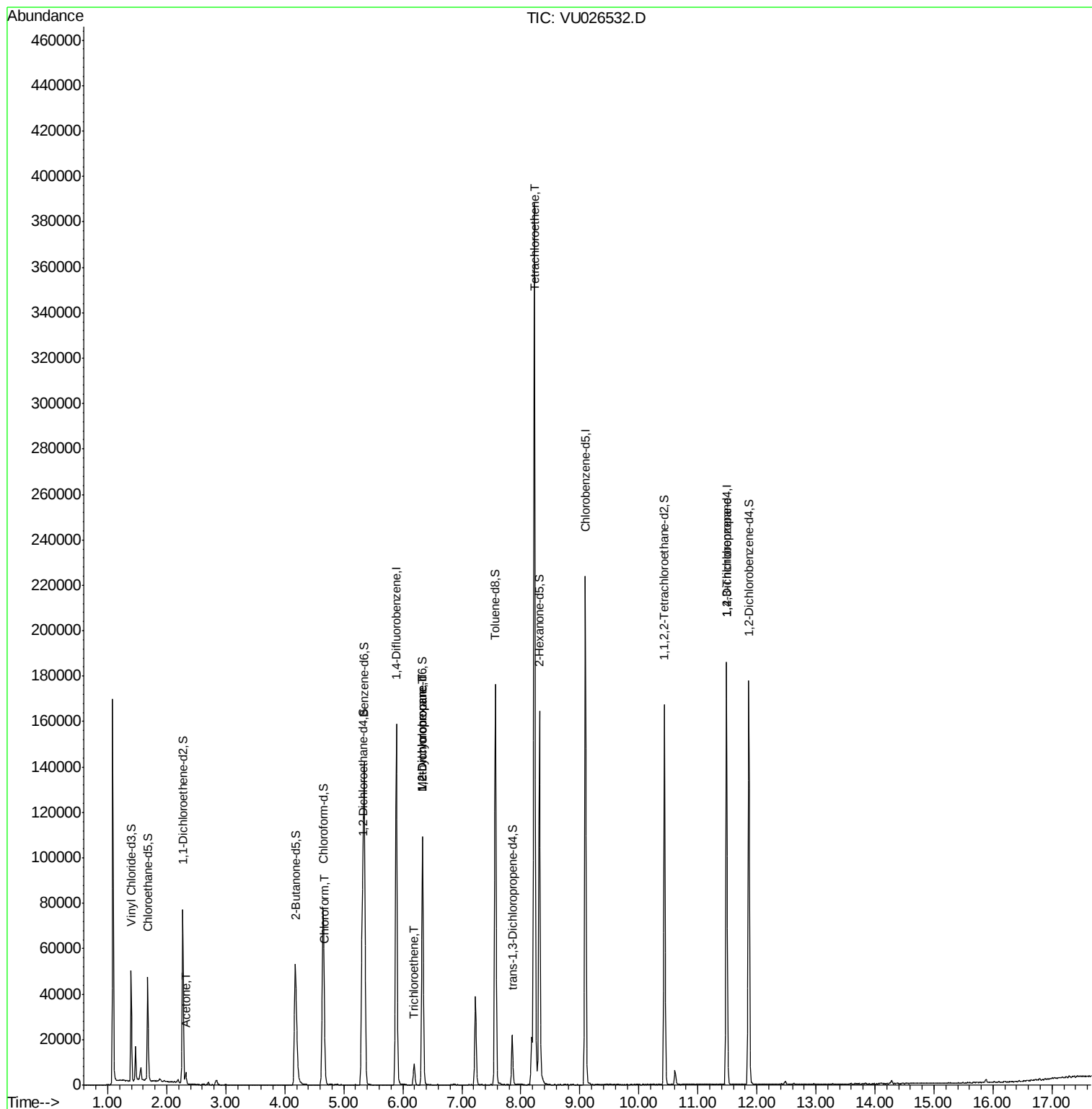
					Qvalue
13) Acetone	2.32	43	5130	9.258	ug/L 98
25) Chloroform	4.68	83	3142	1.822	ug/L 97
34) Trichloroethene	6.19	95	3522	3.983	ug/L 95
35) Methylcyclohexane	6.33	83	11855	8.586	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5605	5.743	ug/L # 88
46) Tetrachloroethene	8.23	164	84953	117.511	ug/L 99
59) 1,2,3-Trichloropropane	11.48	75	5770	4.738	ug/L # 84

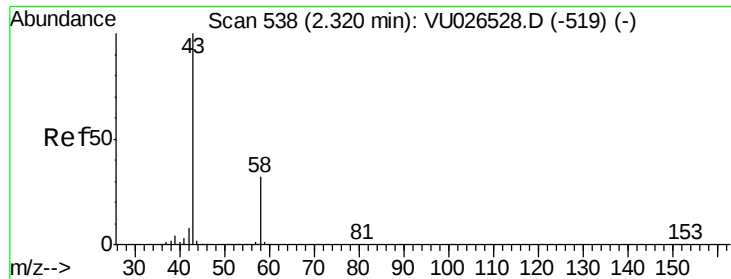
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.258 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

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Acq: 05 Sep 2018 09:53

Instrument :

MSVOA_U

ClientSampleId :

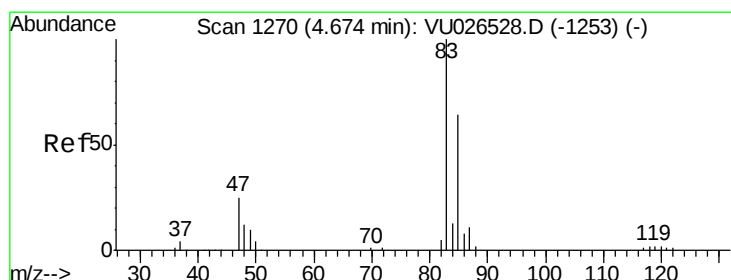
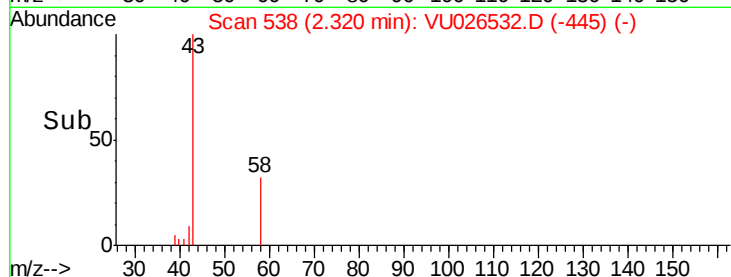
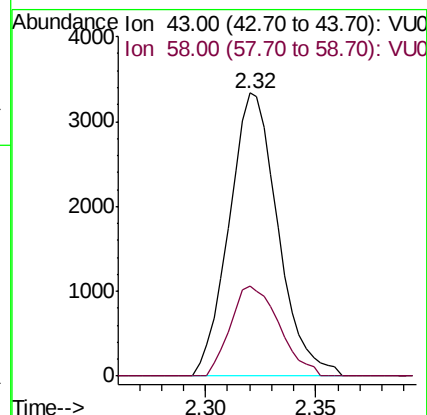
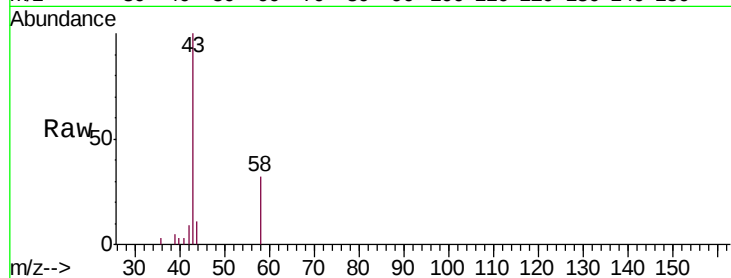
BEE31

Tgt Ion: 43 Resp: 5130

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.2



#25

Chloroform

Concen: 1.822 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026532.D

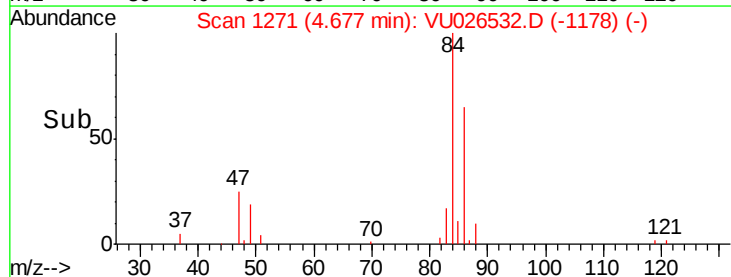
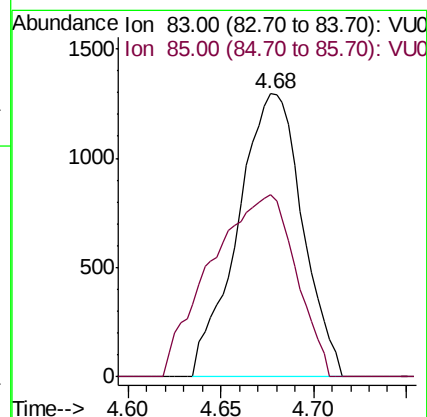
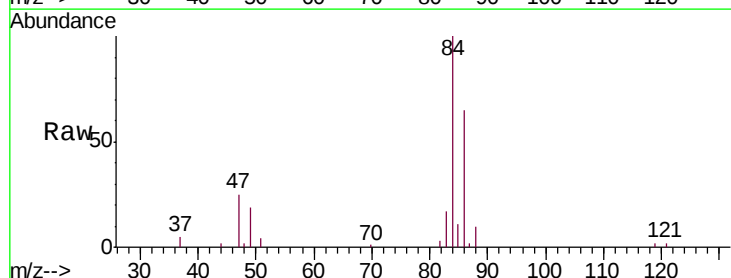
Acq: 05 Sep 2018 09:53

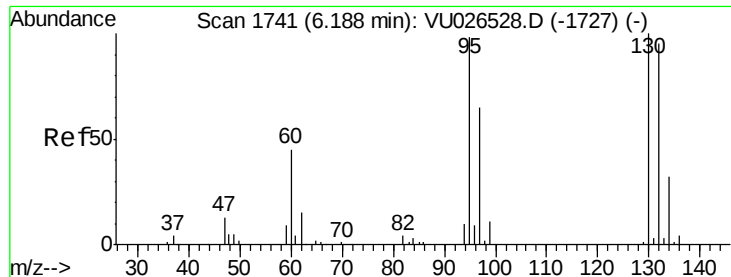
Tgt Ion: 83 Resp: 3142

Ion Ratio Lower Upper

83 100

85 64.5 46.5 86.5

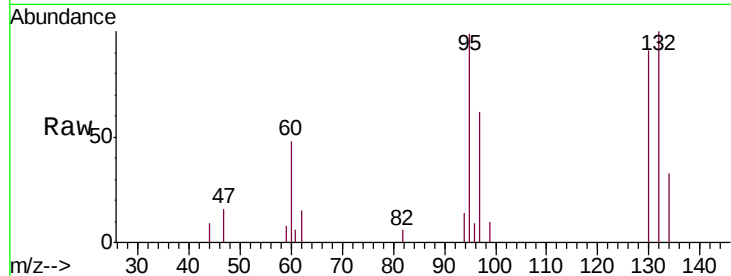




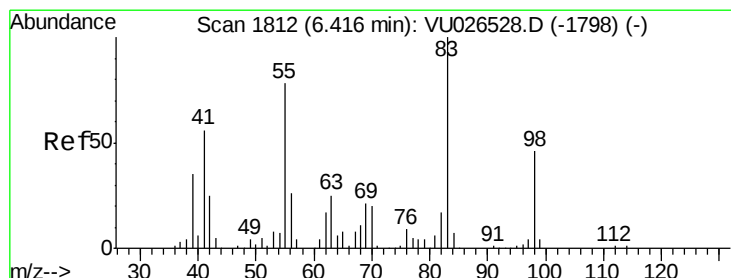
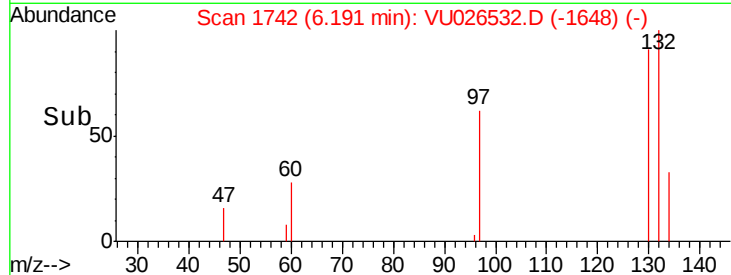
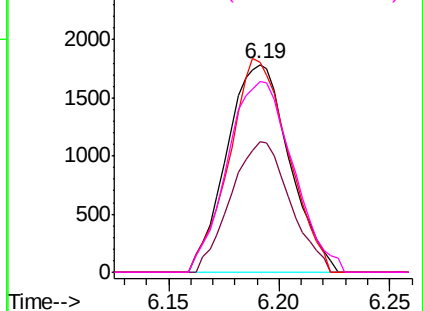
#34
 Trichloroethene
 Concen: 3.983 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU026532.D
 Acq: 05 Sep 2018 09:53

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE31

Tgt Ion: 95 Resp: 3522
 Ion Ratio Lower Upper
 95 100
 97 63.0 45.1 83.7
 132 101.2 67.5 125.3
 130 91.9 69.3 128.7

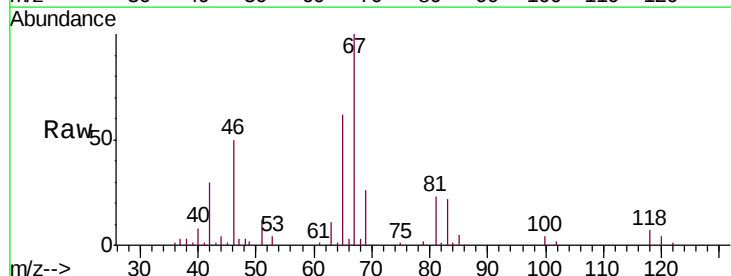


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

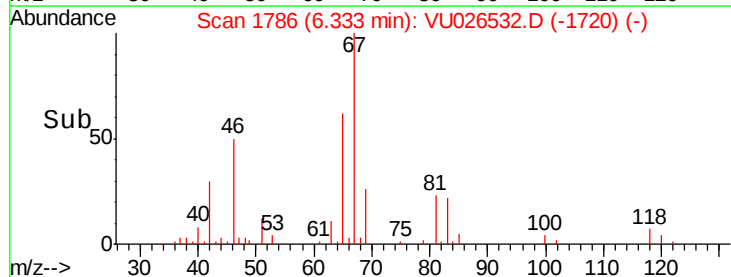
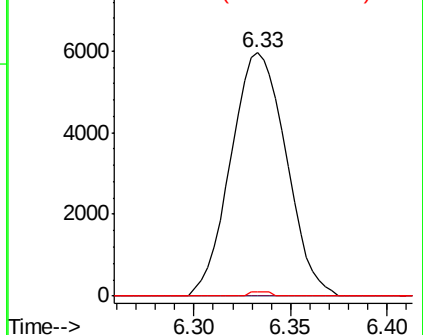


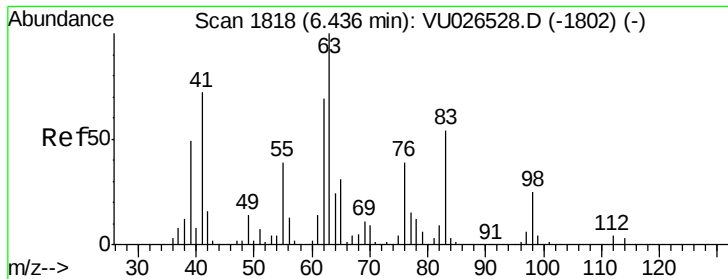
#35
 Methylcyclohexane
 Concen: 8.586 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.09 min
 Lab File: VU026532.D
 Acq: 05 Sep 2018 09:53

Tgt Ion: 83 Resp: 11855
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.3 94.9#
 98 0.5 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.743 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026532.D

Acq: 05 Sep 2018 09:53

Instrument :

MSVOA_U

ClientSampleId :

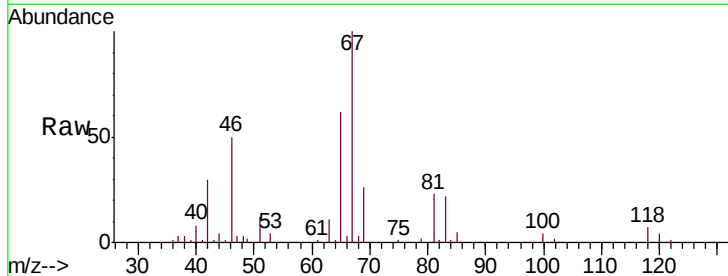
BEE31

Tgt Ion: 63 Resp: 5605

Ion Ratio Lower Upper

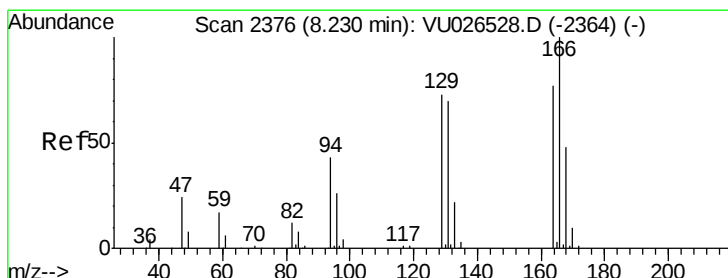
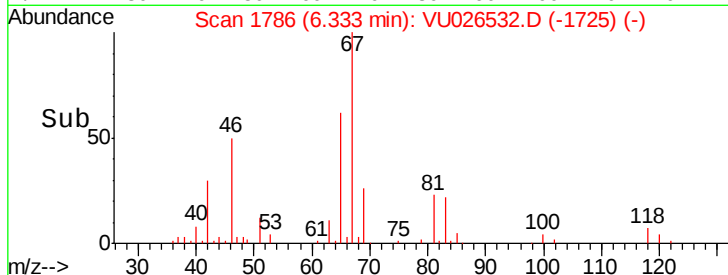
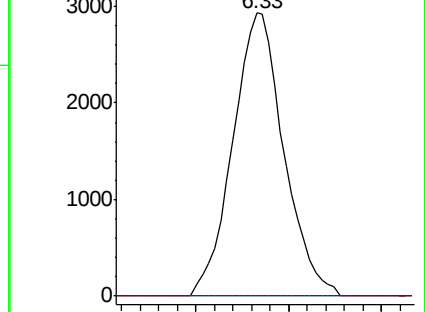
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026532.D (-1725) (-)

Ion 112.00 (111.70 to 112.70): VU026532.D (-1725) (-)



#46

Tetrachloroethene

Concen: 117.511 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026532.D

Acq: 05 Sep 2018 09:53

Tgt Ion: 164 Resp: 84953

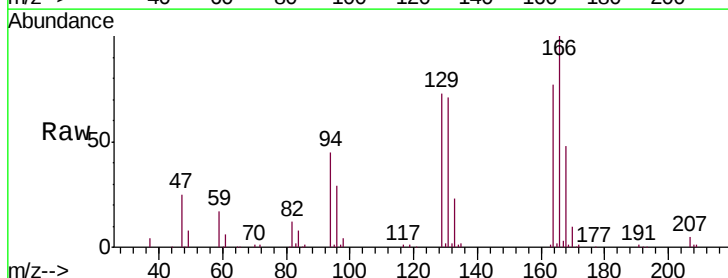
Ion Ratio Lower Upper

164 100

129 94.7 67.3 125.1

131 92.2 65.3 121.3

166 130.2 90.9 168.7

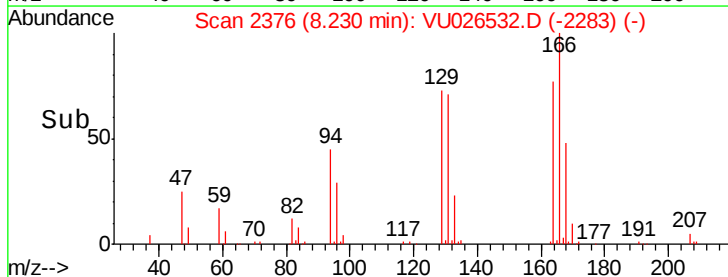
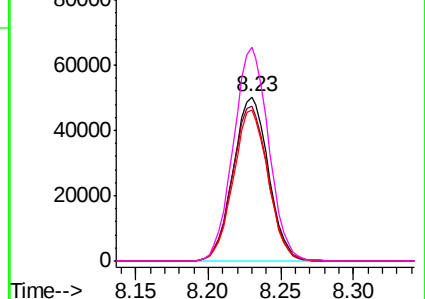


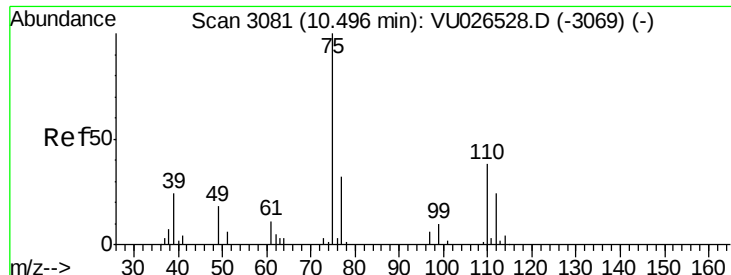
Abundance Ion 164.00 (163.70 to 164.70): VU026532.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026532.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026532.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026532.D (-2283) (-)





#59

1,2,3-Trichloropropane

Concen: 4.738 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026532.D

Acq: 05 Sep 2018 09:53

Instrument :

MSVOA_U

ClientSampleId :

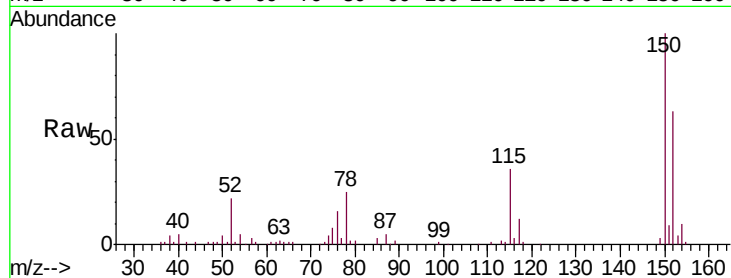
BEE31

Tgt Ion: 75 Resp: 5770

Ion Ratio Lower Upper

75 100

77 40.1 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

