

Data File : VU026492.D
Acq On : 31 Aug 2018 12:18
Operator : MD/SY
Sample : J4691-08DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE05DL

Quant Time: Sep 01 01:03:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	148058	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58634	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42994	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.74%
7) Chloroethane-d5	1.67	69	40059	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.70%
11) 1,1-Dichloroethene-d2	2.27	63	70312	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	4.18	46	75460	105.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.99%
24) Chloroform-d	4.65	84	86169	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
26) 1,2-Dichloroethane-d4	5.31	65	59316	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
32) Benzene-d6	5.34	84	170209	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.12%
36) 1,2-Dichloropropane-d6	6.33	67	59490	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.98%
41) Toluene-d8	7.57	98	155769	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.85	79	24907	49.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.00%
47) 2-Hexanone-d5	8.31	63	57065	112.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83663	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	62405	58.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.32%

Target Compounds

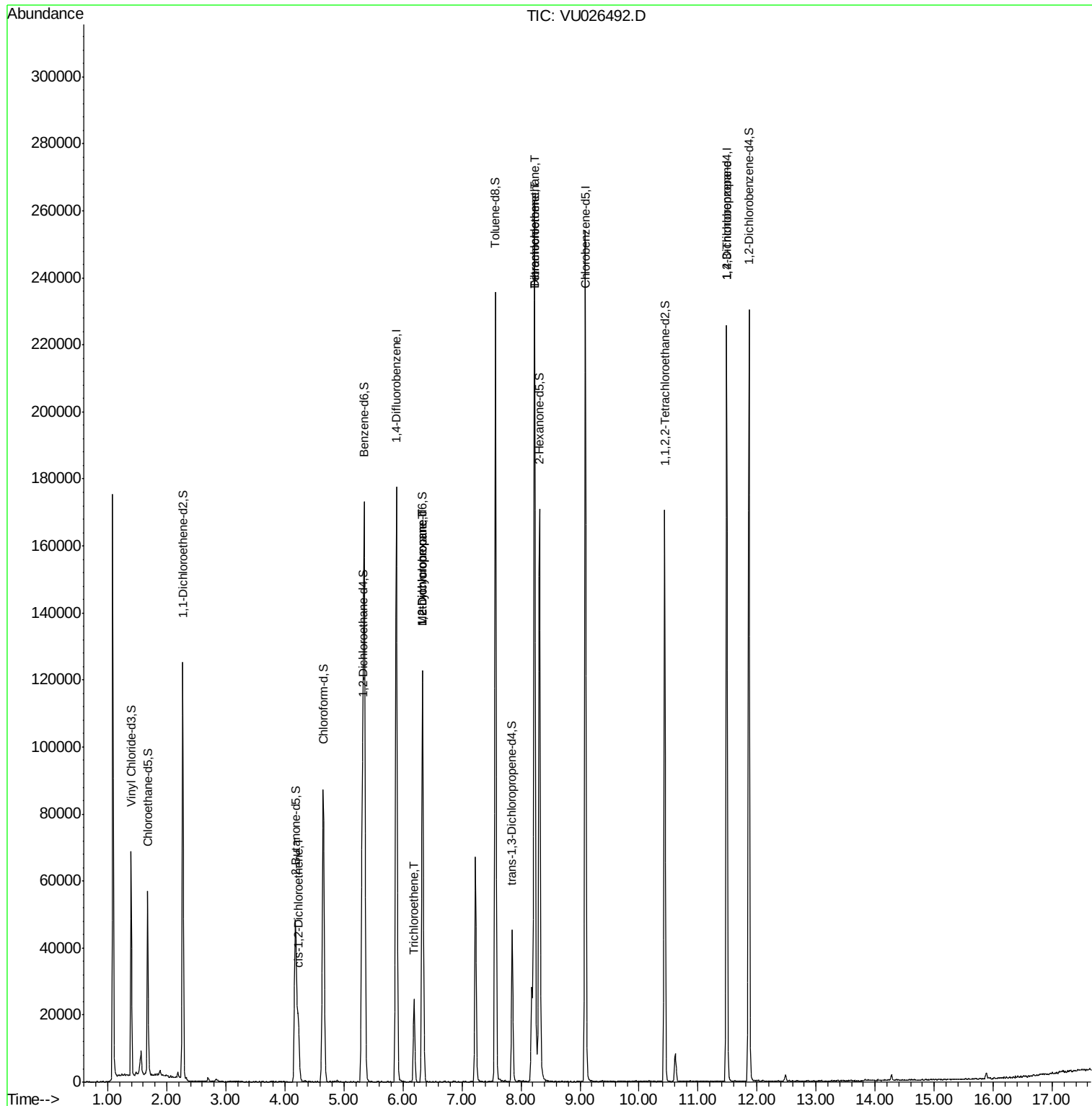
						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	8837	8.252	ug/L	94
34) Trichloroethene	6.19	95	8520	8.513	ug/L	95
35) Methylcyclohexane	6.33	83	12993	8.314	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6628	6.000	ug/L #	88
46) Tetrachloroethene	8.23	164	56444	68.982	ug/L	98
49) Dibromochloromethane	8.23	129	51884	45.505	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7015	5.090	ug/L #	87

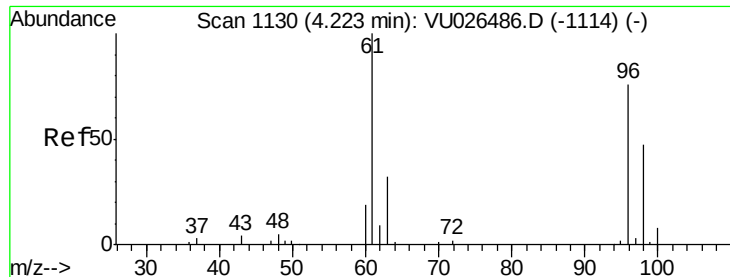
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 8.252 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

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ClientSampleId :

BEE05DL

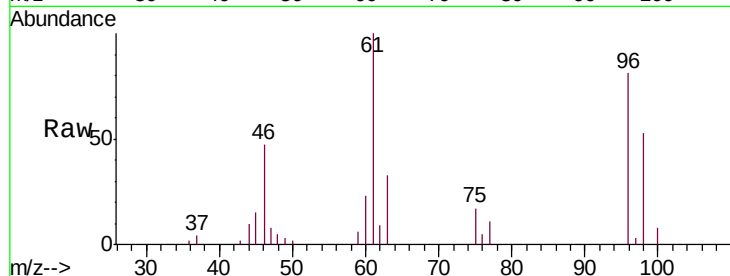
Tgt Ion: 96 Resp: 8837

Ion Ratio Lower Upper

96 100

61 123.7 91.6 170.2

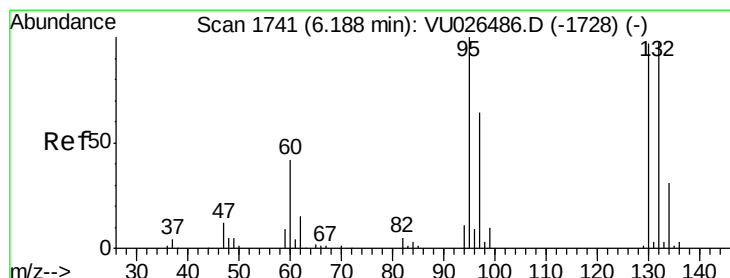
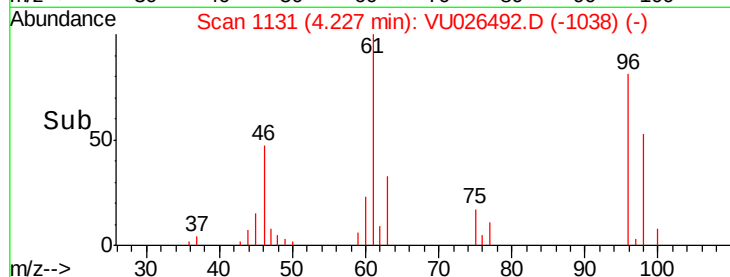
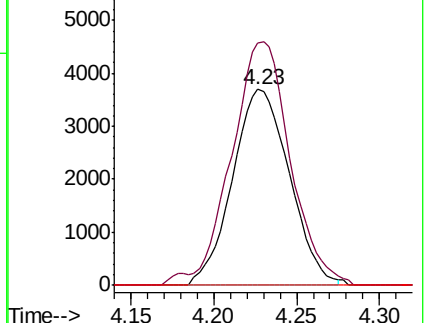
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU026486.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU026486.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU026486.D (-1114) (-)



#34

Trichloroethene

Concen: 8.513 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026492.D

Acq: 31 Aug 2018 12:18

Tgt Ion: 95 Resp: 8520

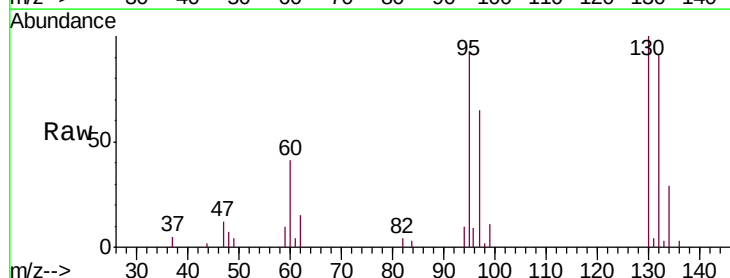
Ion Ratio Lower Upper

95 100

97 69.4 45.1 83.7

132 97.9 67.5 125.3

130 107.5 69.3 128.7

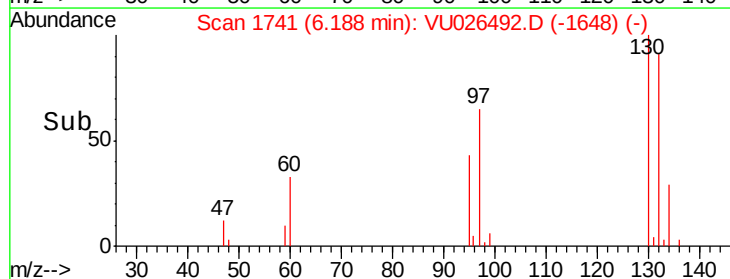
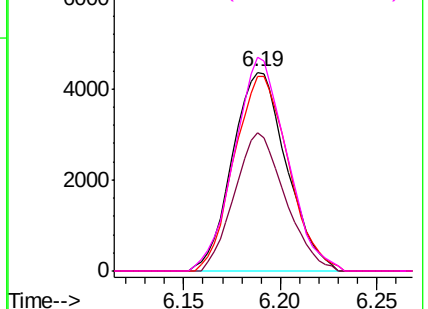


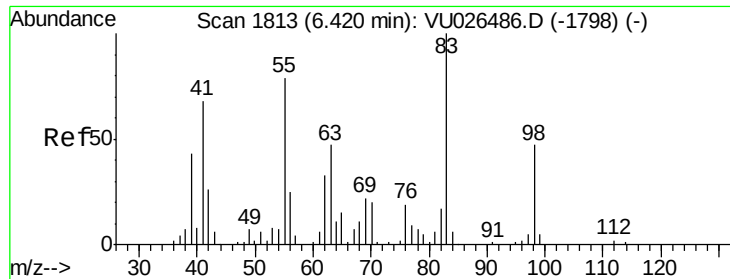
Abundance Ion 95.00 (94.70 to 95.70): VU026486.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU026486.D (-1728) (-)

Ion 132.00 (131.70 to 132.70): VU026486.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU026486.D (-1728) (-)

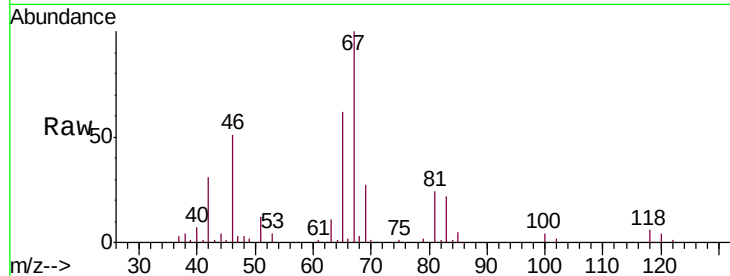




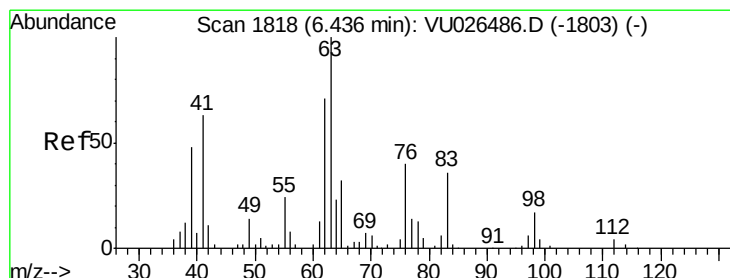
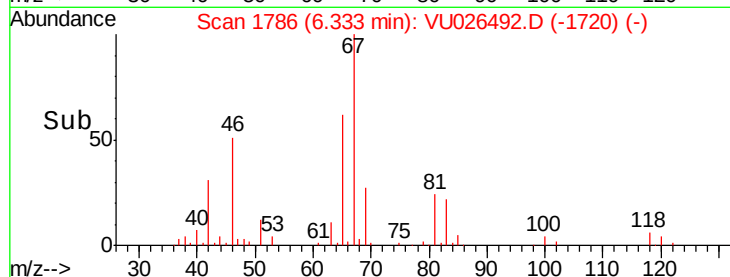
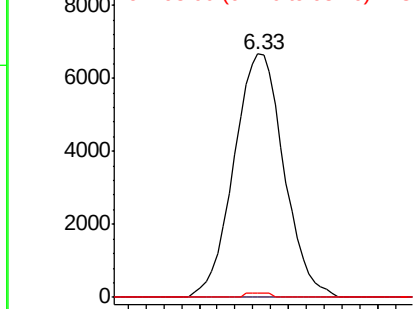
#35
Methylcyclohexane
Concen: 8.314 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026492.D
Acq: 31 Aug 2018 12:18

Instrument :
MSVOA_U
ClientSampleId :
BEE05DL

Tgt Ion: 83 Resp: 12993
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.7 36.7 55.1#

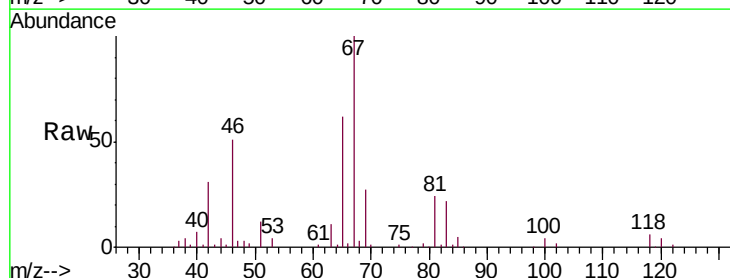


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

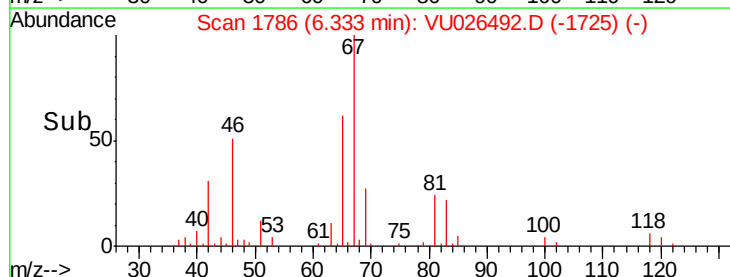
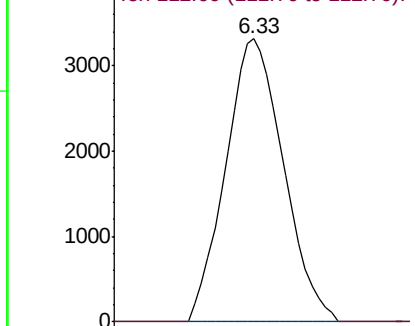


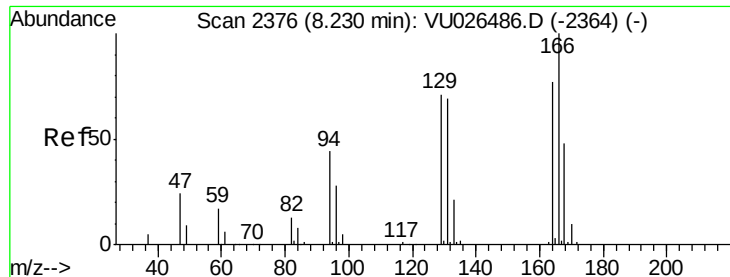
#37
1,2-Dichloropropane
Concen: 6.000 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026492.D
Acq: 31 Aug 2018 12:18

Tgt Ion: 63 Resp: 6628
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 68.982 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026492.D

Acq: 31 Aug 2018 12:18

Instrument :

MSVOA_U

ClientSampleId :

BEE05DL

Tgt Ion:164 Resp: 56444

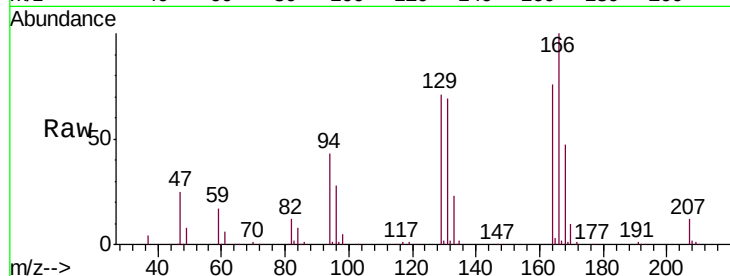
Ion Ratio Lower Upper

164 100

129 93.7 67.3 125.1

131 90.9 65.3 121.3

166 131.7 90.9 168.7

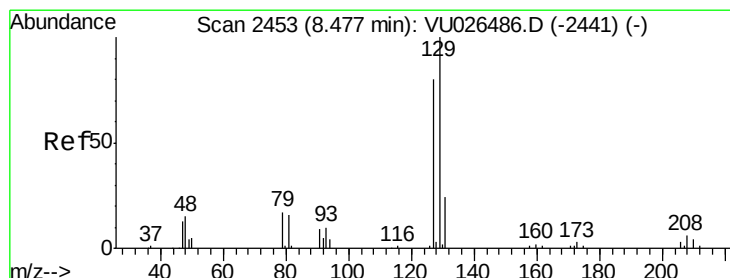
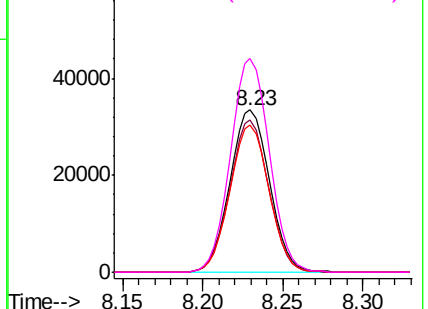
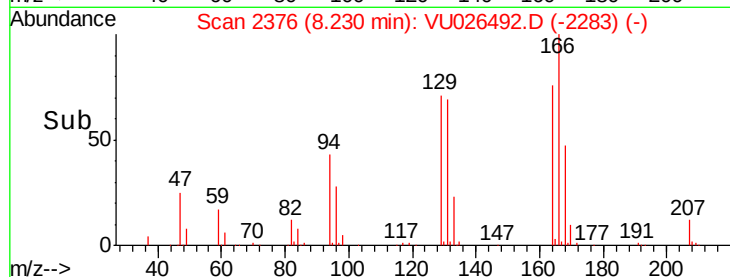


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 45.505 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026492.D

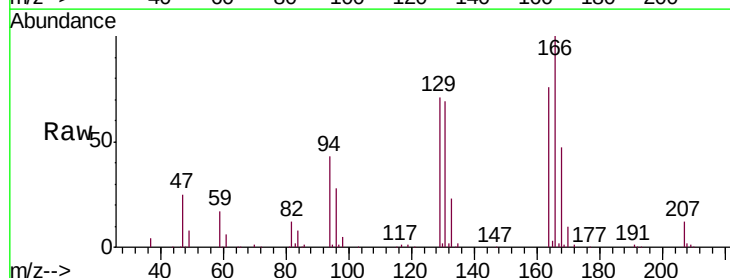
Acq: 31 Aug 2018 12:18

Tgt Ion:129 Resp: 51884

Ion Ratio Lower Upper

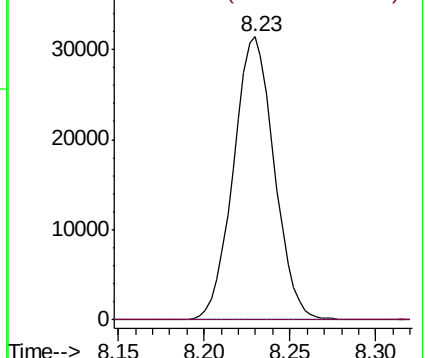
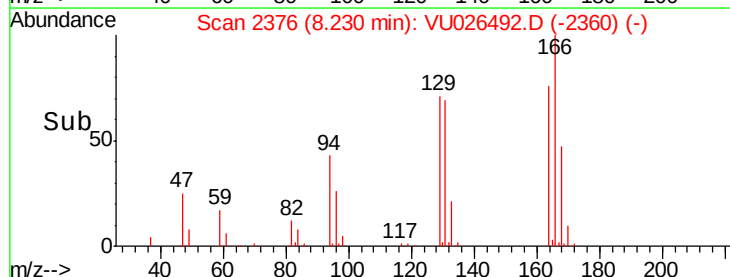
129 100

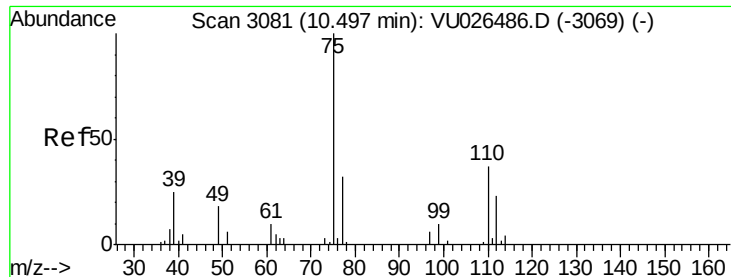
127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59
 1,2,3-Trichloropropane
 Concen: 5.090 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026492.D
 Acq: 31 Aug 2018 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE05DL

Tgt Ion: 75 Resp: 7015
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.0 37.6#

