

Data File : VU026508.D
Acq On : 31 Aug 2018 18:31
Operator : MD/SY
Sample : J4691-13 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE10

Quant Time: Sep 01 01:05:43 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	153835	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147198	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66936	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36447	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.48%
7) Chloroethane-d5	1.65	69	36096	41.93	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.86%
11) 1,1-Dichloroethene-d2	2.27	63	61131	28.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.96%#
21) 2-Butanone-d5	4.18	46	69136	93.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	4.65	84	69713	38.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.44%
26) 1,2-Dichloroethane-d4	5.31	65	54506	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
32) Benzene-d6	5.34	84	155734	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	55881	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.90%
41) Toluene-d8	7.57	98	140462	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%
43) trans-1,3-Dichloropropene-	7.85	79	23631	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.80%
47) 2-Hexanone-d5	8.31	63	56034	104.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.83%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	84573	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	62790	51.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

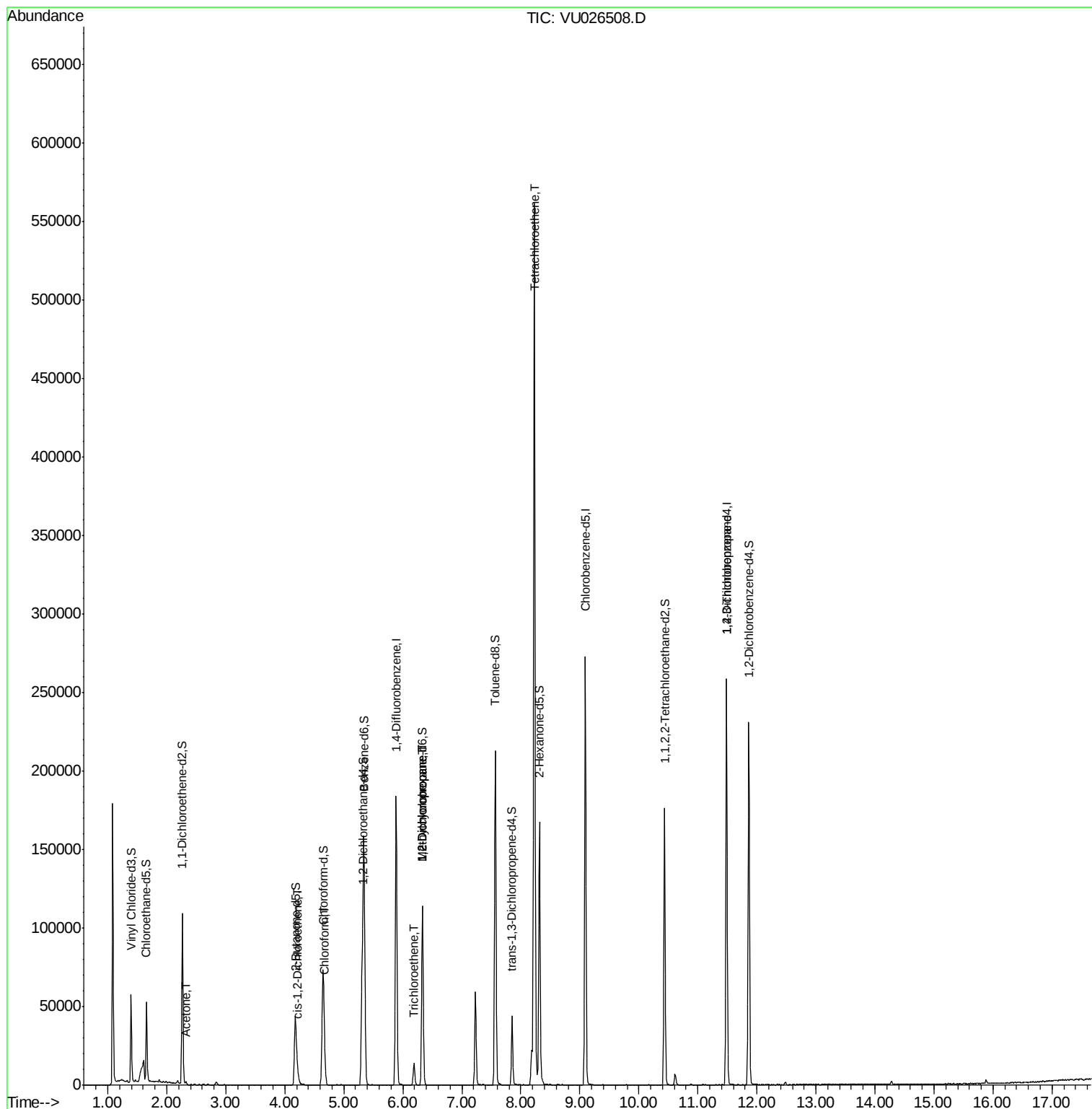
					Qvalue
13) Acetone	2.32	43	1299	2.028 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	1351	1.214 ug/L	88
25) Chloroform	4.68	83	11259	5.649 ug/L	98
34) Trichloroethene	6.18	95	4944	4.671 ug/L	94
35) Methylcyclohexane	6.33	83	12409	7.508 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5766	4.936 ug/L #	88
46) Tetrachloroethene	8.23	164	124640	144.024 ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	7836	5.375 ug/L	92

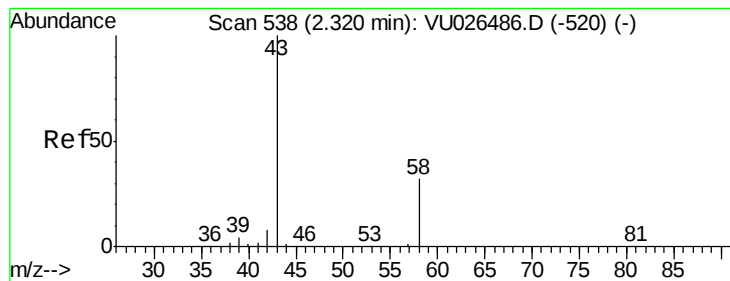
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026508.D
Acq On : 31 Aug 2018 18:31
Operator : MD/SY
Sample : J4691-13 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE10

Quant Time: Sep 01 01:05:43 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





#13

Acetone

Concen: 2.028 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026508.D

Acq: 31 Aug 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

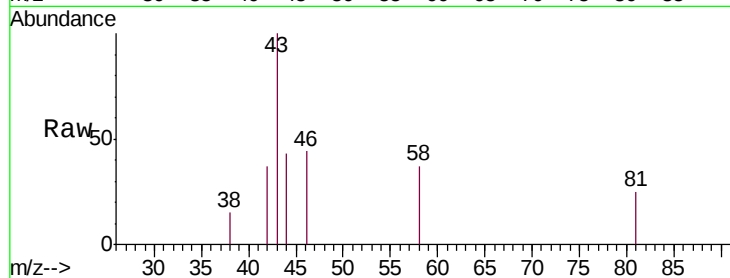
BEE10

Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

43 100

58 29.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

800

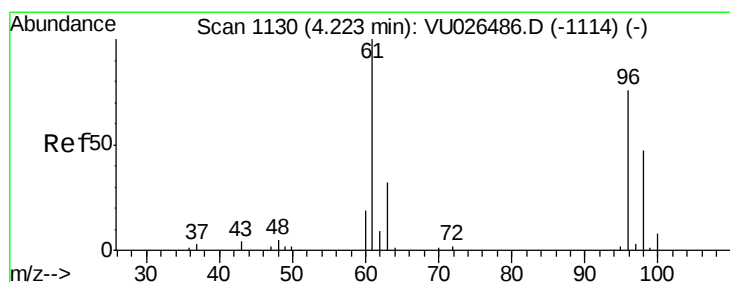
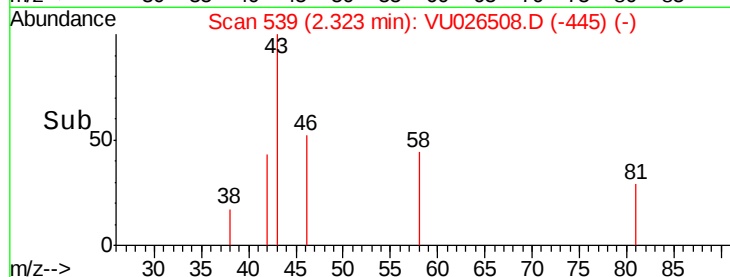
600

400

200

0

Time--> 2.28 2.30 2.32 2.34 2.36



#20

cis-1,2-Dichloroethene

Concen: 1.214 ug/L

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU026508.D

Acq: 31 Aug 2018 18:31

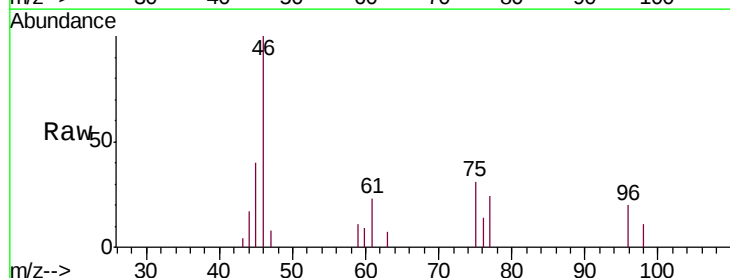
Tgt Ion: 96 Resp: 1351

Ion Ratio Lower Upper

96 100

61 116.7 91.6 170.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

1000

800

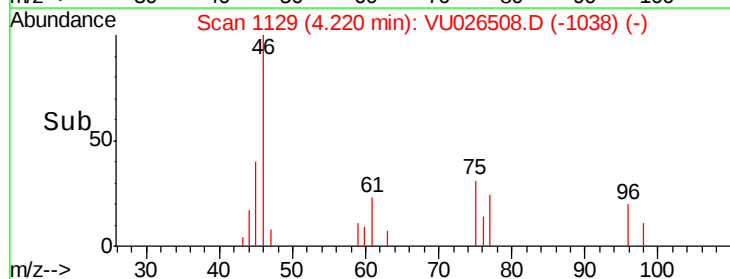
600

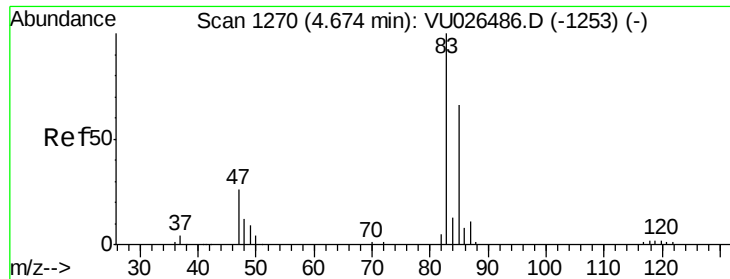
400

200

0

Time--> 4.20 4.22 4.24





#25

Chloroform

Concen: 5.649 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026508.D

Acq: 31 Aug 2018 18:31

Instrument :

MSVOA_U

ClientSampled :

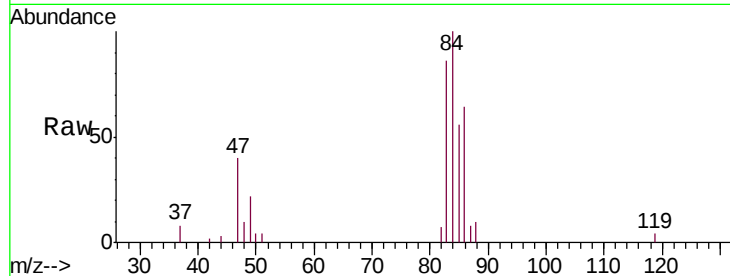
BEE10

Tgt Ion: 83 Resp: 11259

Ion Ratio Lower Upper

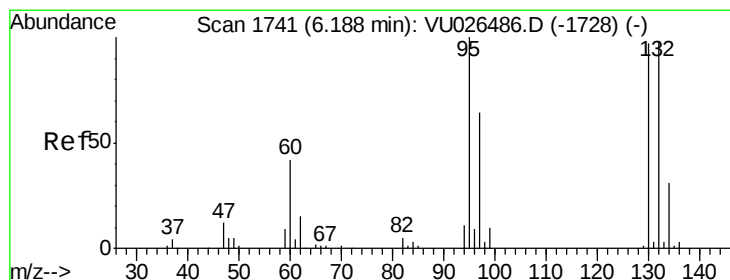
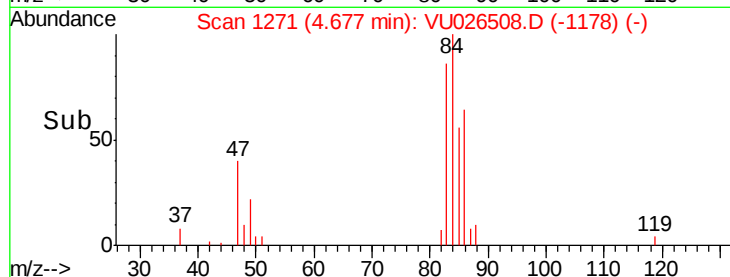
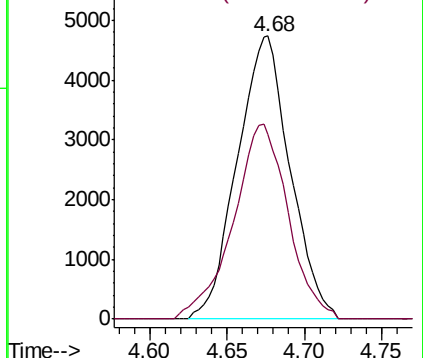
83 100

85 65.2 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 4.671 ug/L

RT: 6.18 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VU026508.D

Acq: 31 Aug 2018 18:31

Tgt Ion: 95 Resp: 4944

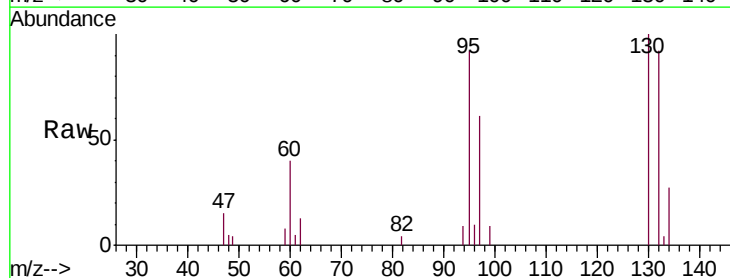
Ion Ratio Lower Upper

95 100

97 66.7 45.1 83.7

132 99.7 67.5 125.3

130 108.6 69.3 128.7

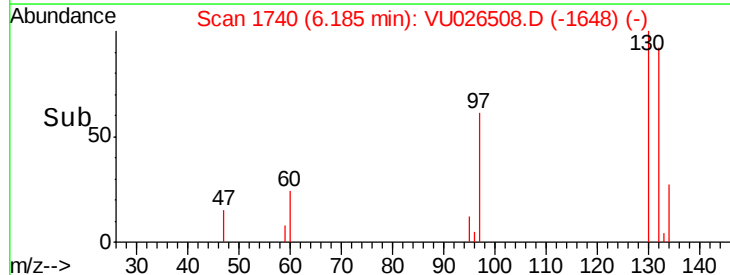
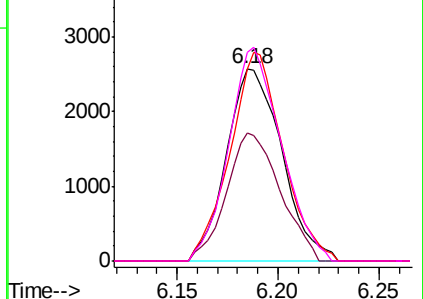


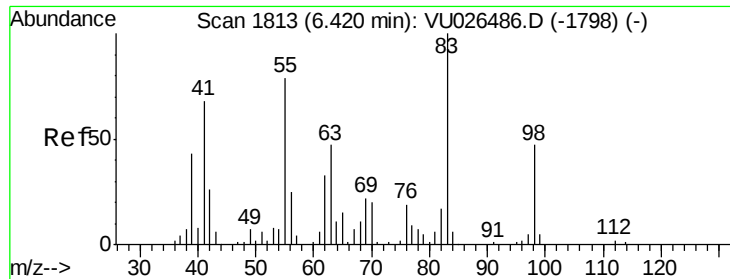
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

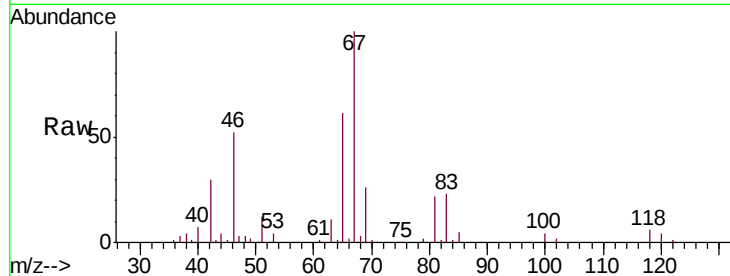




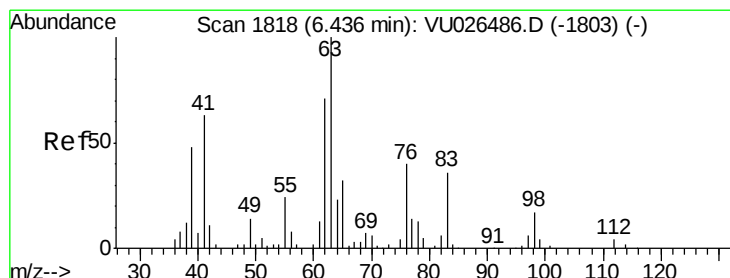
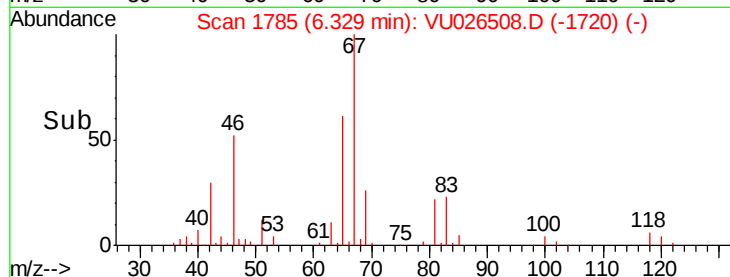
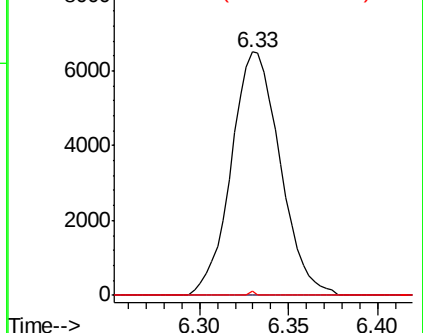
#35
Methylcyclohexane
Concen: 7.508 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.09 min
Lab File: VU026508.D
Acq: 31 Aug 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
BEE10

Tgt Ion: 83 Resp: 12409
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

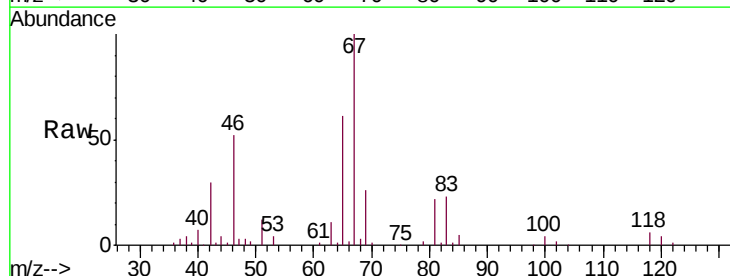


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

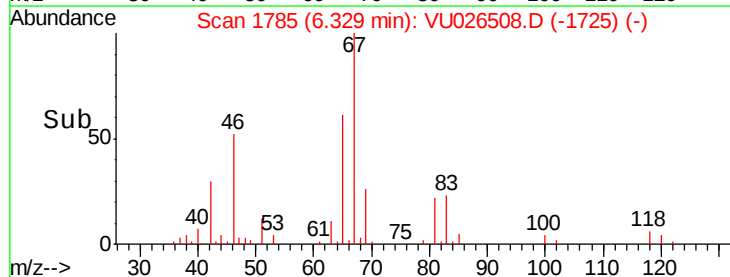
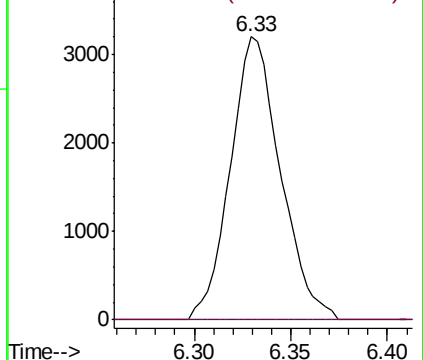


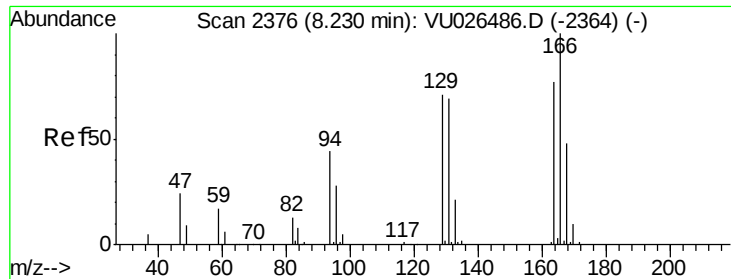
#37
1,2-Dichloropropane
Concen: 4.936 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.11 min
Lab File: VU026508.D
Acq: 31 Aug 2018 18:31

Tgt Ion: 63 Resp: 5766
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: 144.024 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026508.D

Acq: 31 Aug 2018 18:31

Instrument :

MSVOA_U

ClientSampled :

BEE10

Tgt Ion:164 Resp: 124640

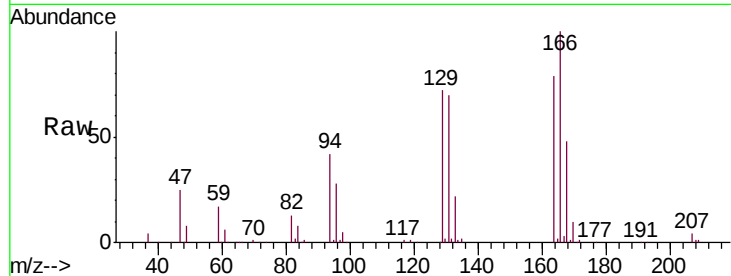
Ion Ratio Lower Upper

164 100

129 91.8 67.3 125.1

131 89.5 65.3 121.3

166 127.3 90.9 168.7

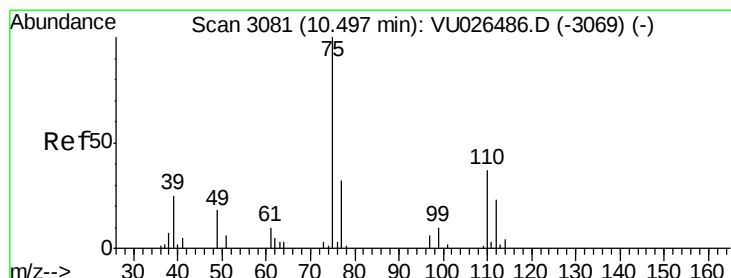
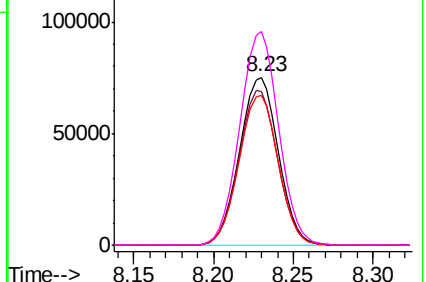
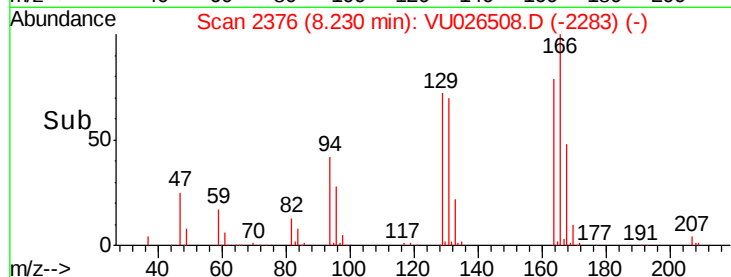


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.375 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026508.D

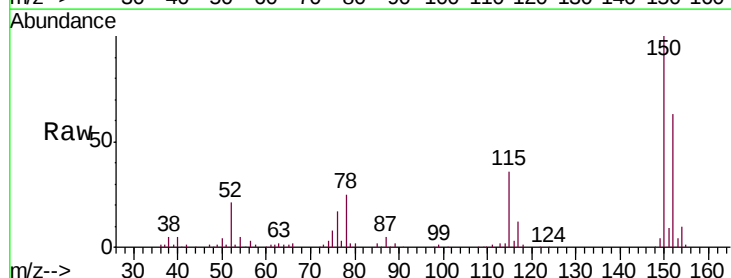
Acq: 31 Aug 2018 18:31

Tgt Ion: 75 Resp: 7836

Ion Ratio Lower Upper

75 100

77 35.8 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

