

Data File : VU026501.D
Acq On : 31 Aug 2018 15:49
Operator : MD/SY
Sample : J4691-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE13

Quant Time: Sep 01 01:04:44 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	151771	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41054	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.68	69	39004	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.86%
11) 1,1-Dichloroethene-d2	2.27	63	60401	28.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.04%#
21) 2-Butanone-d5	4.18	46	70648	96.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.80%
24) Chloroform-d	4.65	84	82445	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.31	65	58227	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
32) Benzene-d6	5.35	84	166019	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
36) 1,2-Dichloropropane-d6	6.33	67	57628	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.57	98	151010	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%
43) trans-1,3-Dichloropropene-	7.85	79	23049	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
47) 2-Hexanone-d5	8.31	63	54377	103.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79256	47.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	62806	54.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.54%

Target Compounds

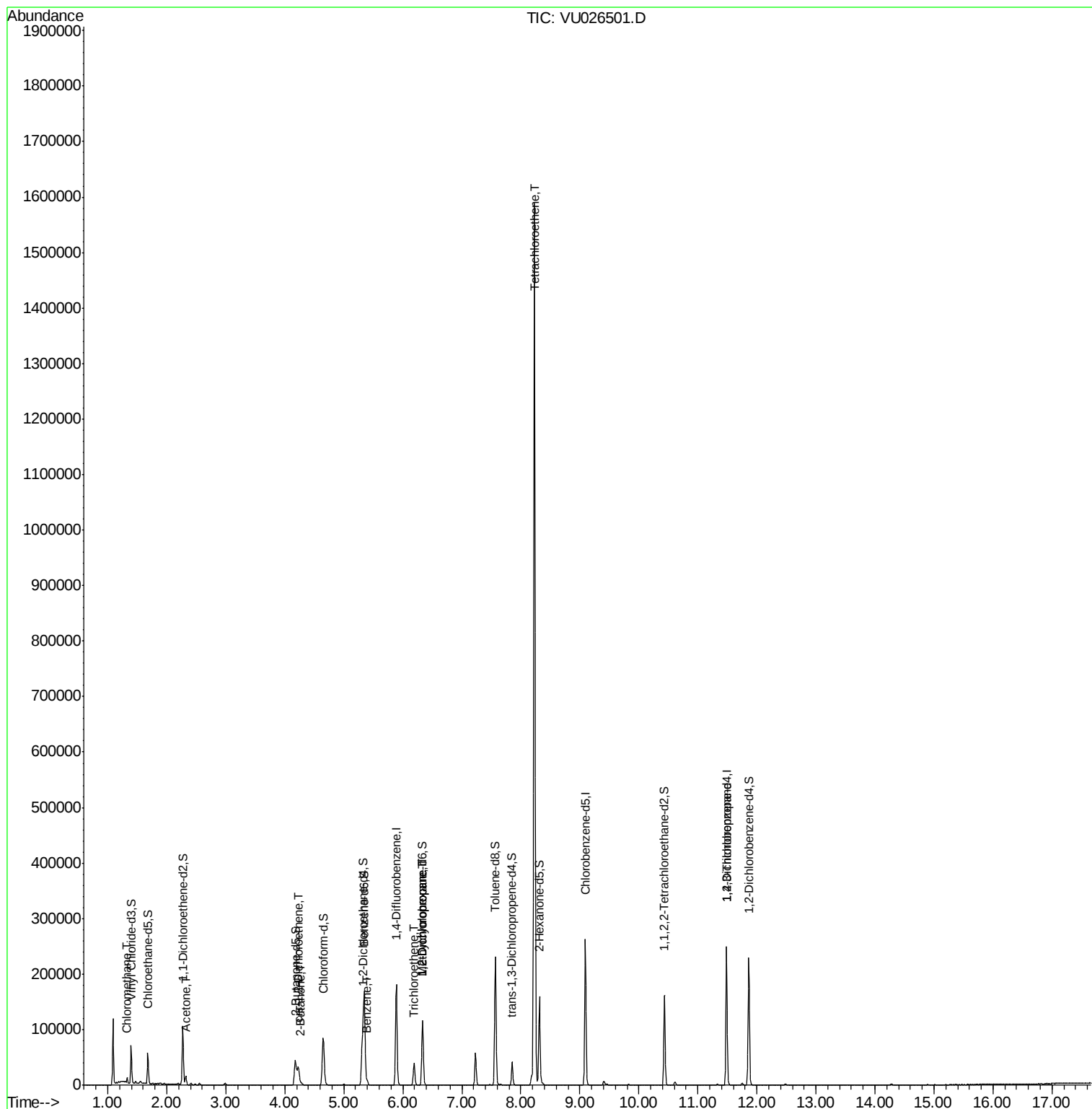
						Qvalue
3) Chloromethane	1.33	50	5663	3.876	ug/L	98
13) Acetone	2.32	43	16523	26.145	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	16854	15.354	ug/L	100
22) 2-Butanone	4.27	43	6344	7.468	ug/L	96
33) Benzene	5.39	78	6755	1.634	ug/L	100
34) Trichloroethene	6.19	95	14203	13.697	ug/L	98
35) Methylcyclohexane	6.33	83	12734	7.864	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5822	5.087	ug/L #	88
46) Tetrachloroethene	8.23	164	349396	412.126	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	7448	5.215	ug/L #	89

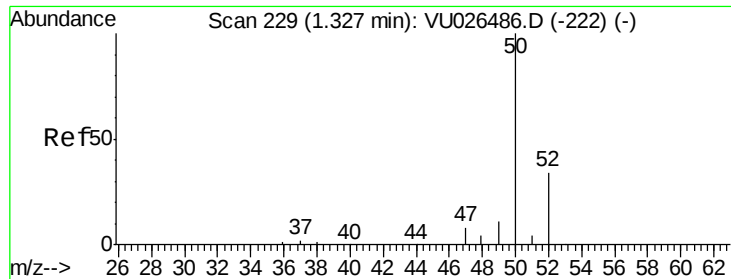
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 3.876 ug/L

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

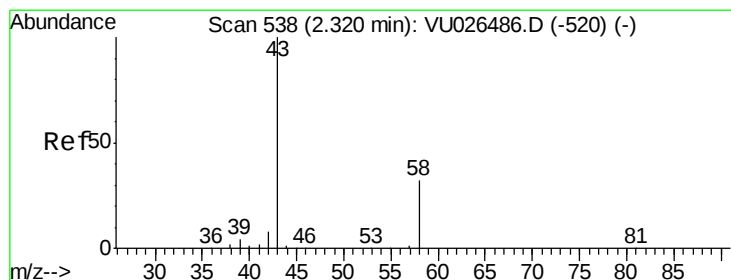
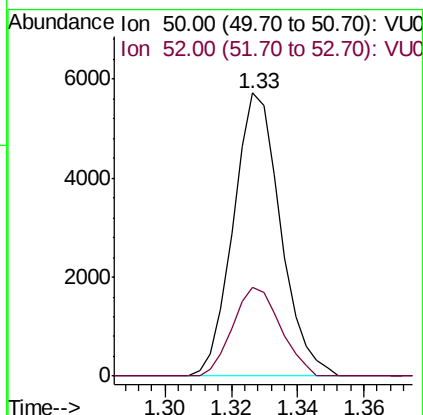
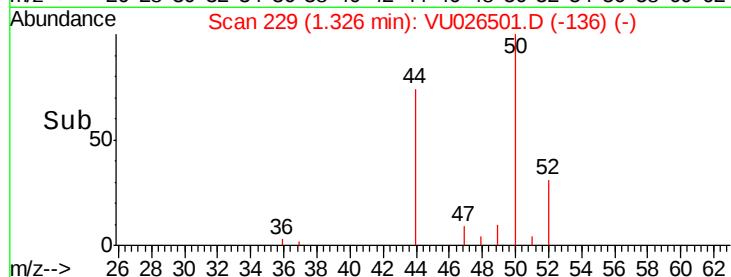
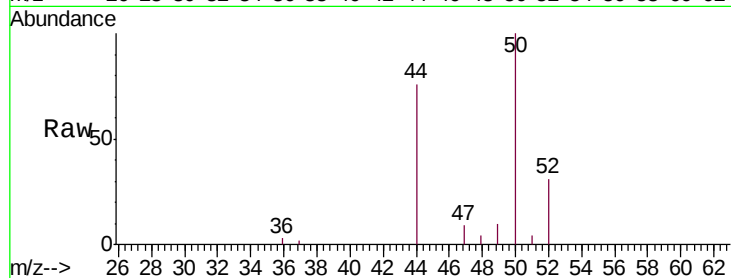
BEE13

Tgt Ion: 50 Resp: 5663

Ion Ratio Lower Upper

50 100

52 31.4 23.0 42.6



#13

Acetone

Concen: 26.145 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026501.D

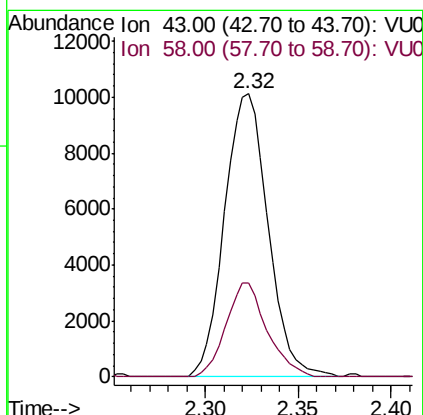
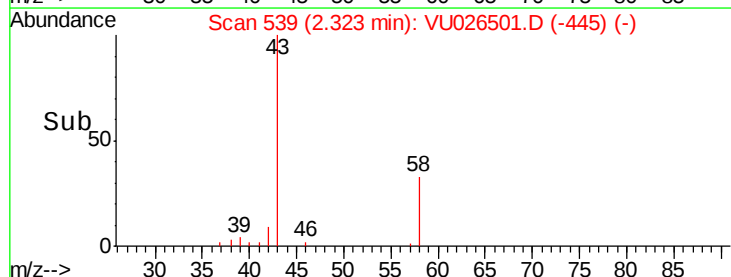
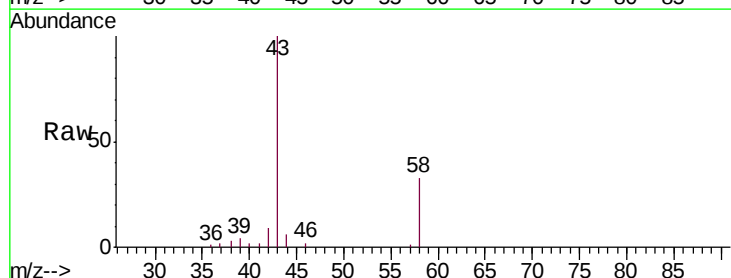
Acq: 31 Aug 2018 15:49

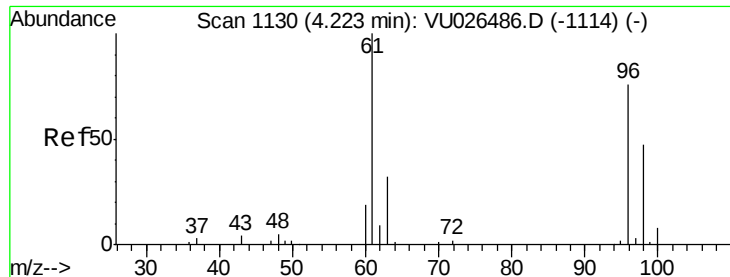
Tgt Ion: 43 Resp: 16523

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.2

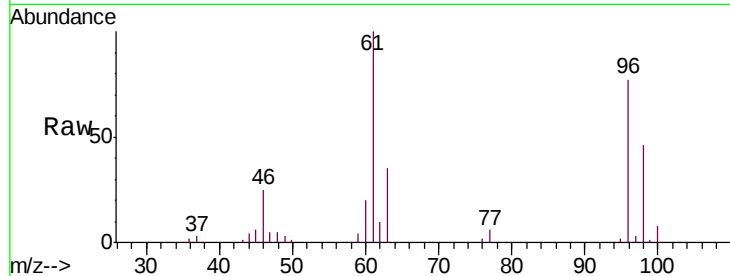




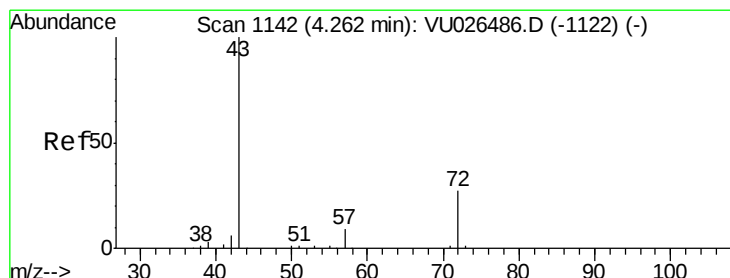
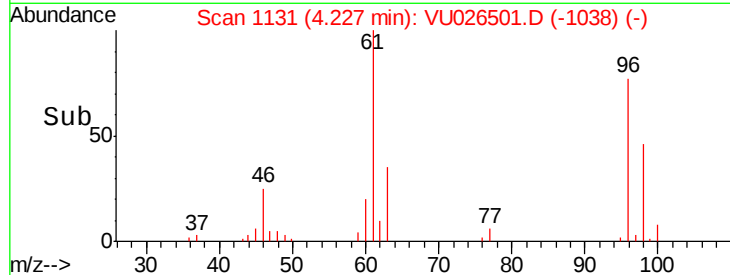
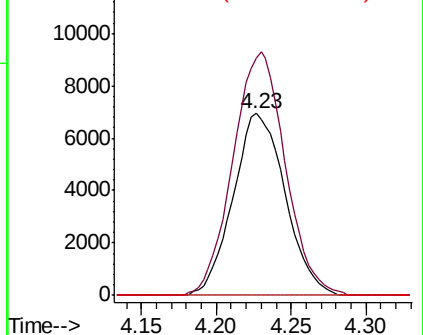
#20
 cis-1,2-Dichloroethene
 Concen: 15.354 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026501.D
 Acq: 31 Aug 2018 15:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE13

Tgt Ion: 96 Resp: 16854
 Ion Ratio Lower Upper
 96 100
 61 130.5 91.6 170.2
 68 0.0 0.0 0.0

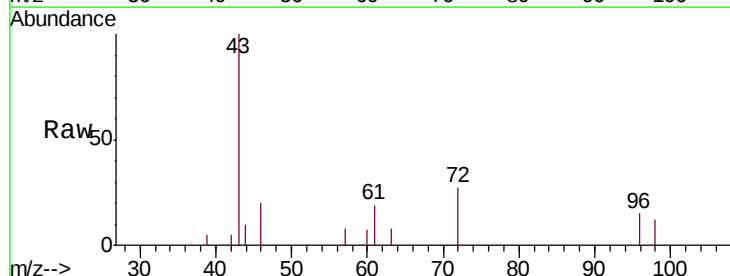


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

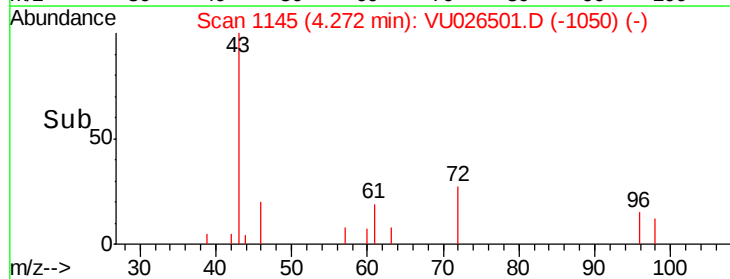
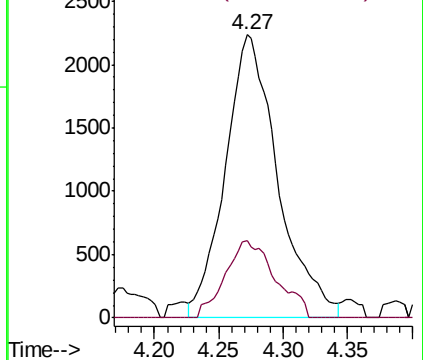


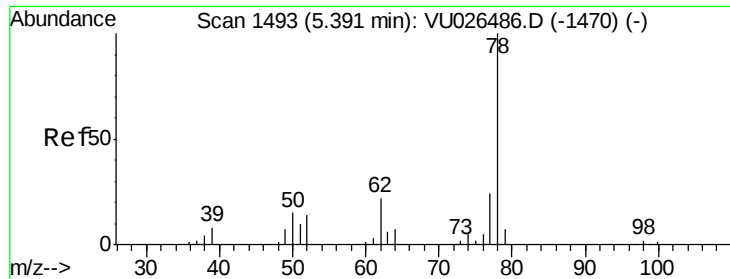
#22
 2-Butanone
 Concen: 7.468 ug/L
 RT: 4.27 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VU026501.D
 Acq: 31 Aug 2018 15:49

Tgt Ion: 43 Resp: 6344
 Ion Ratio Lower Upper
 43 100
 72 24.0 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0

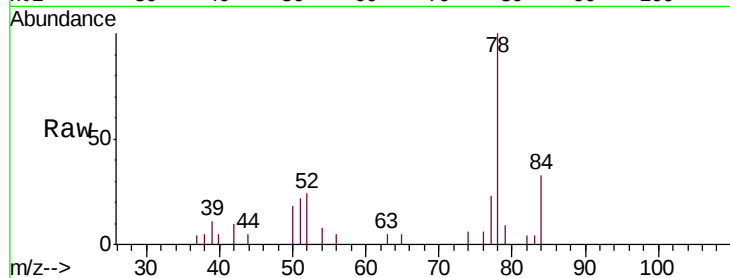




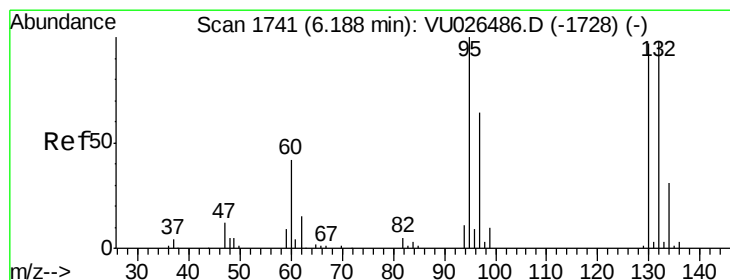
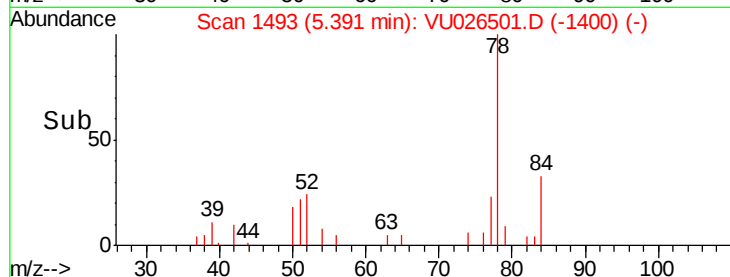
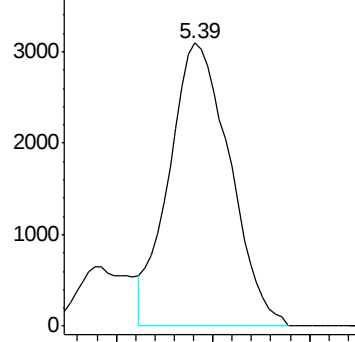
#33
Benzene
Concen: 1.634 ug/L
RT: 5.39 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VU026501.D
Acq: 31 Aug 2018 15:49

Instrument :
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Tgt Ion: 78 Resp: 6755

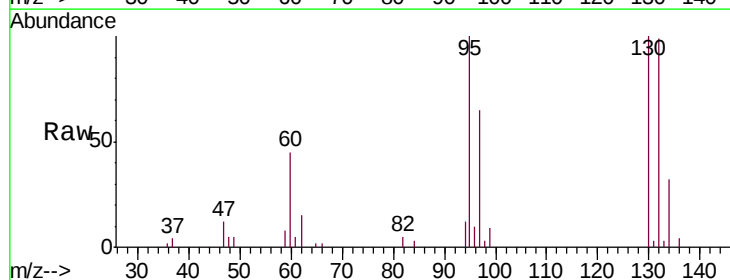


Abundance Ion 78.00 (77.70 to 78.70): VU0



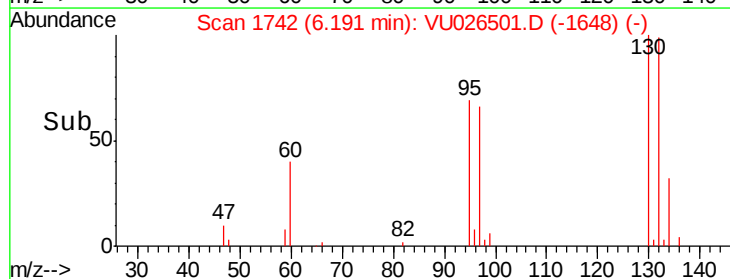
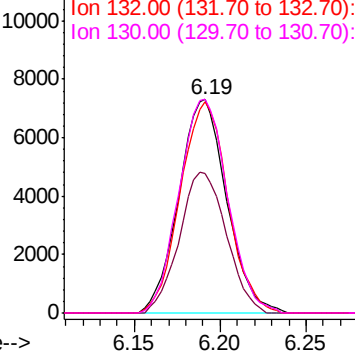
#34
Trichloroethene
Concen: 13.697 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU026501.D
Acq: 31 Aug 2018 15:49

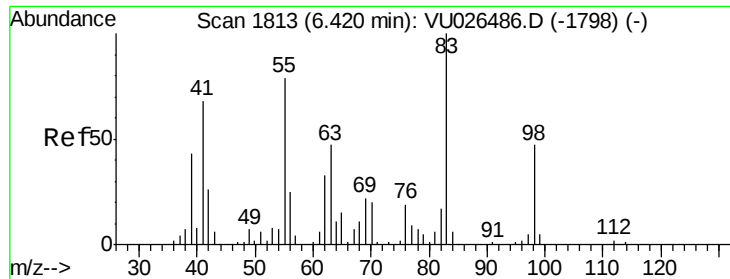
Tgt Ion: 95 Resp: 14203
Ion Ratio Lower Upper
95 100
97 65.5 45.1 83.7
132 98.7 67.5 125.3
130 100.0 69.3 128.7



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

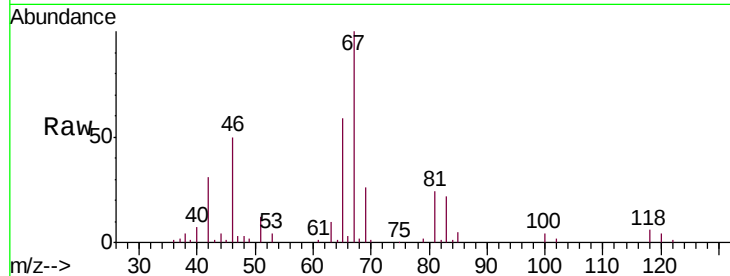




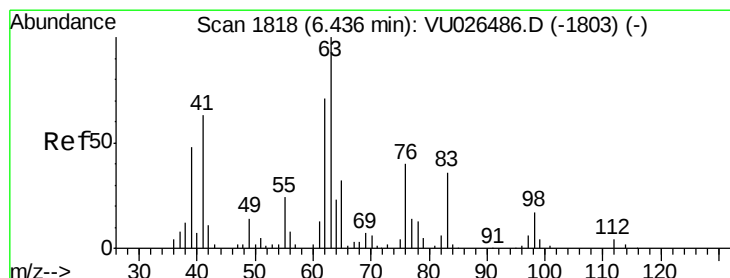
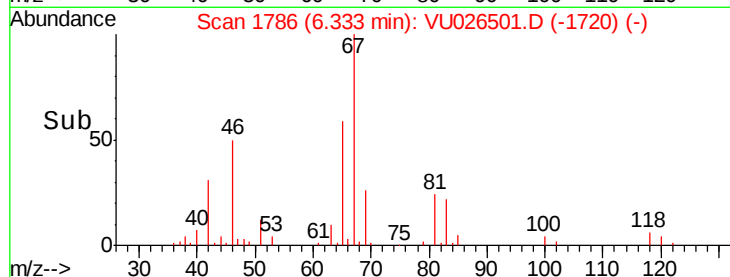
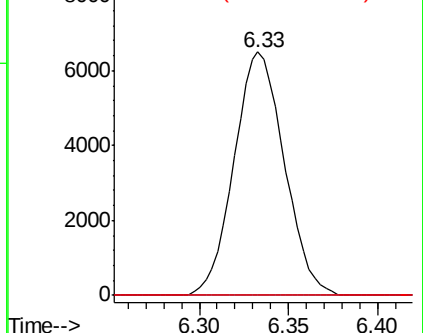
#35
Methylcyclohexane
Concen: 7.864 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026501.D
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Tgt Ion: 83 Resp: 12734
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

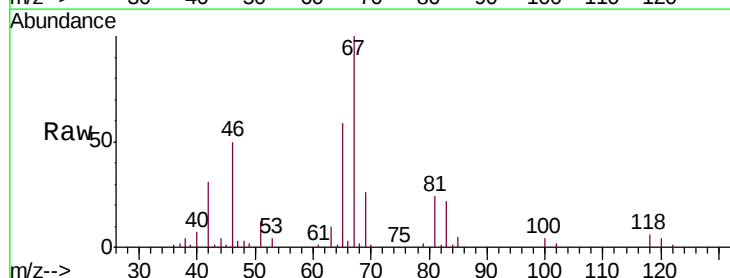


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

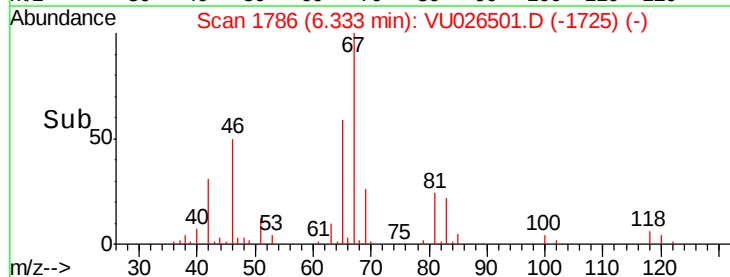
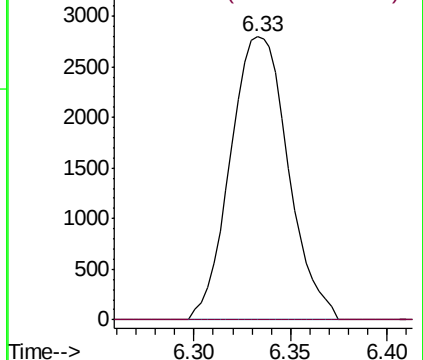


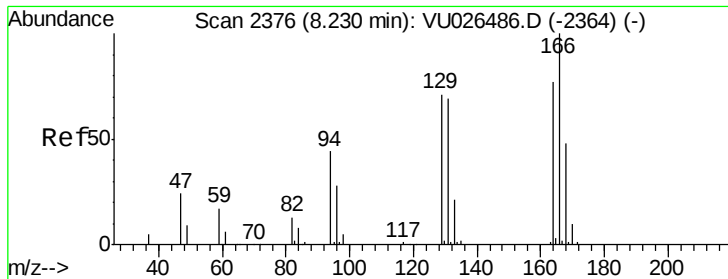
#37
1,2-Dichloropropane
Concen: 5.087 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026501.D
Acq: 31 Aug 2018 15:49

Tgt Ion: 63 Resp: 5822
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: 412.126 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026501.D

Acq: 31 Aug 2018 15:49

Instrument :

MSVOA_U

ClientSampleId :

BEE13

Tgt Ion:164 Resp: 349396

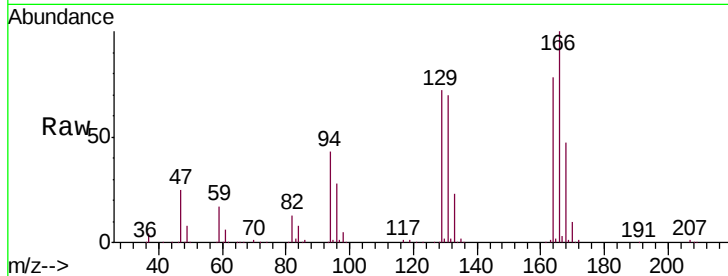
Ion Ratio Lower Upper

164 100

129 92.2 67.3 125.1

131 89.3 65.3 121.3

166 127.6 90.9 168.7

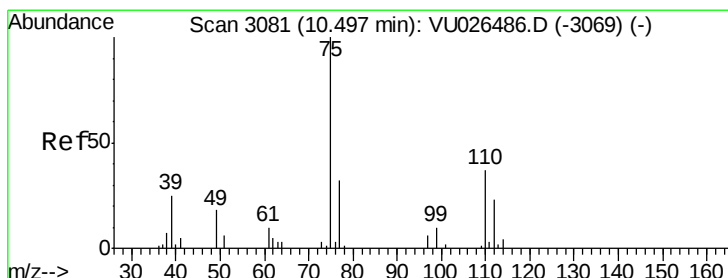
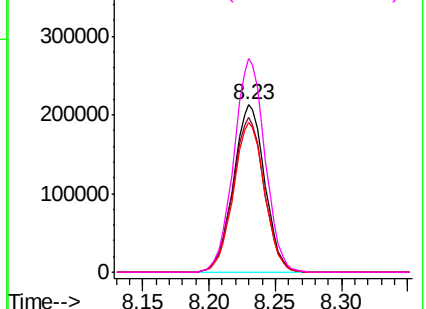
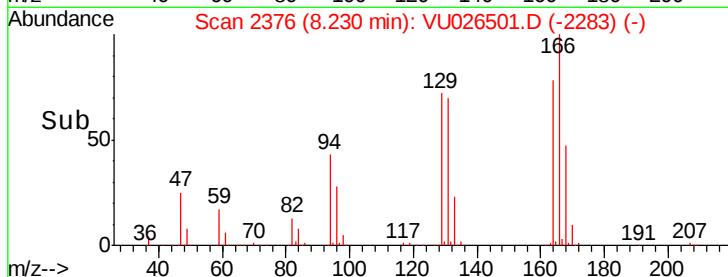


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.215 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026501.D

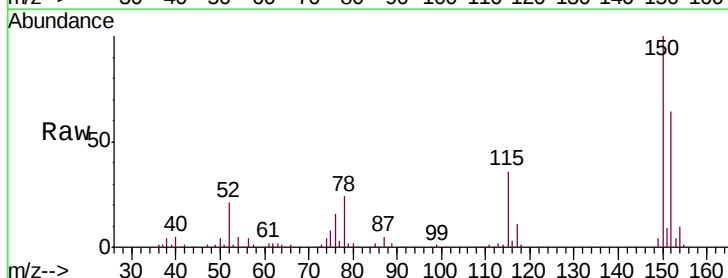
Acq: 31 Aug 2018 15:49

Tgt Ion: 75 Resp: 7448

Ion Ratio Lower Upper

75 100

77 37.6 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

