

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 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 04:36:42 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

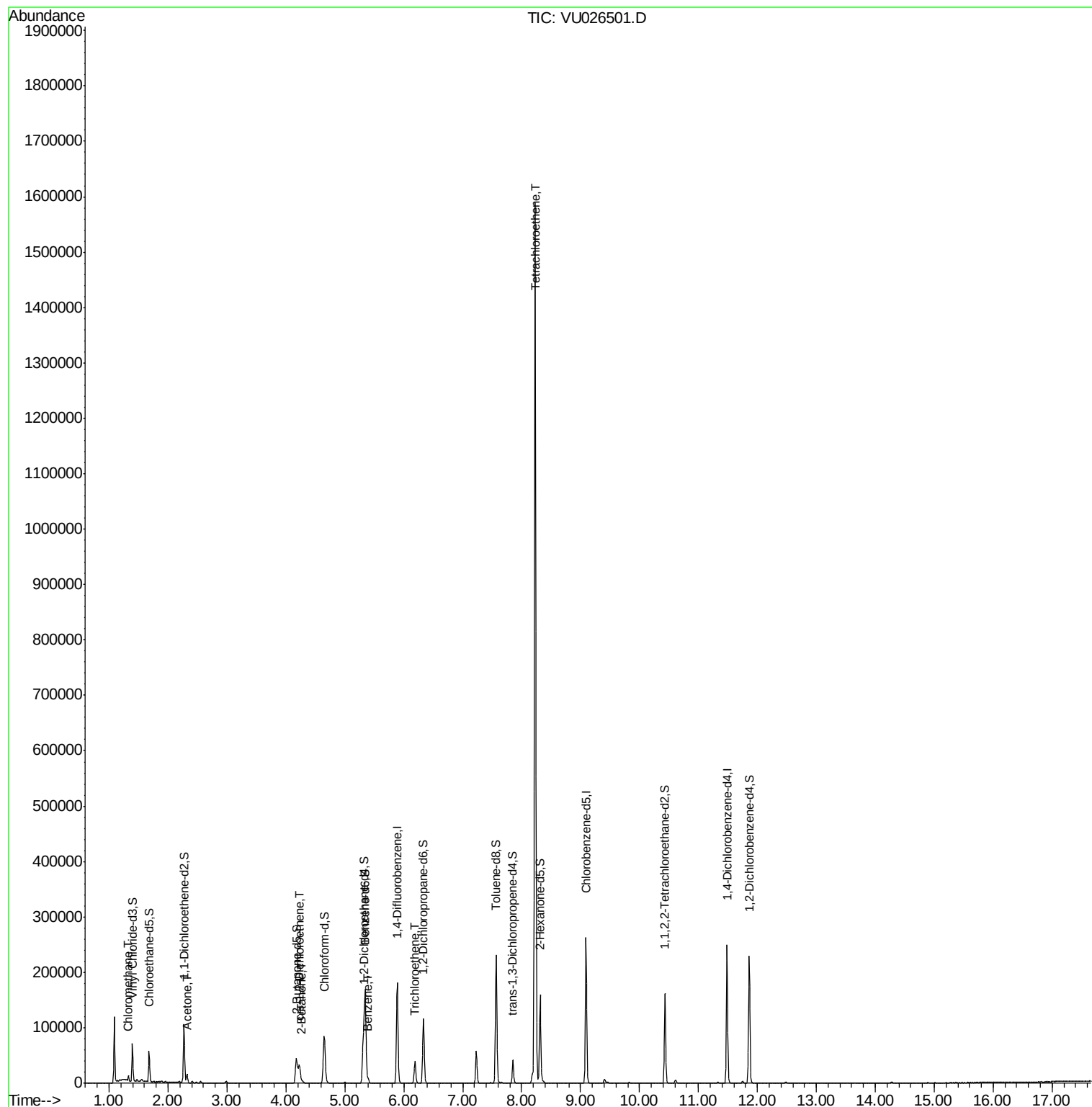
						Ovalue
3) Chloromethane	1.33	50	5663	3.88	ug/L	98
13) Acetone	2.32	43	16523	26.15	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	16854	15.35	ug/L	100
22) 2-Butanone	4.27	43	6344	7.47	ug/L	96
33) Benzene	5.39	78	6755	1.63	ug/L	100
34) Trichloroethene	6.19	95	14203	13.70	ug/L	98
46) Tetrachloroethene	8.23	164	349396	412.13	ug/L	97

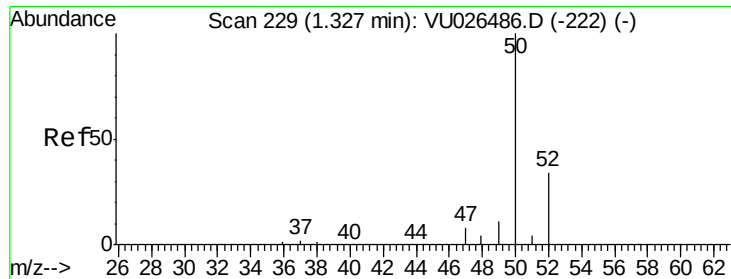
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.88 ug/L

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

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Acq: 31 Aug 2018 15:49

Instrument :

MSVOA_U

ClientSampleId :

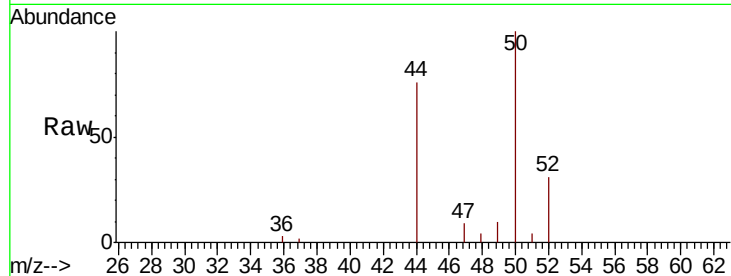
BEE13

Tot Ion: 50 Resp: 5663

Ion Ratio Lower Upper

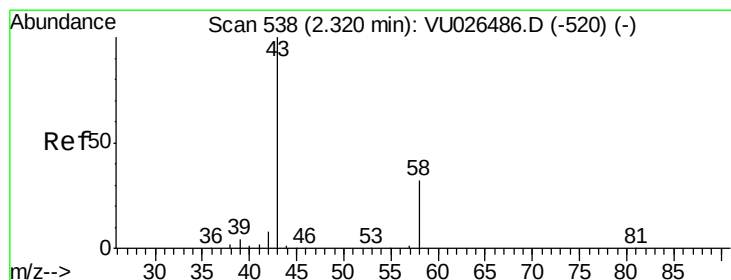
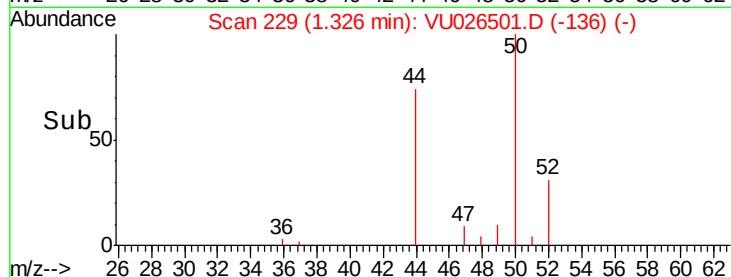
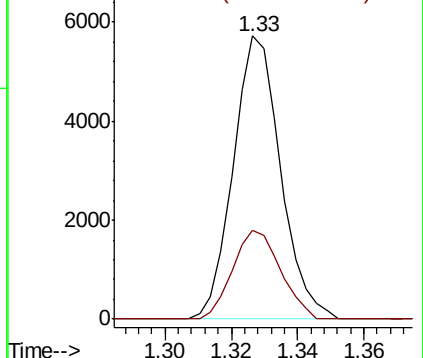
50 100

52 31.4 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 26.15 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026501.D

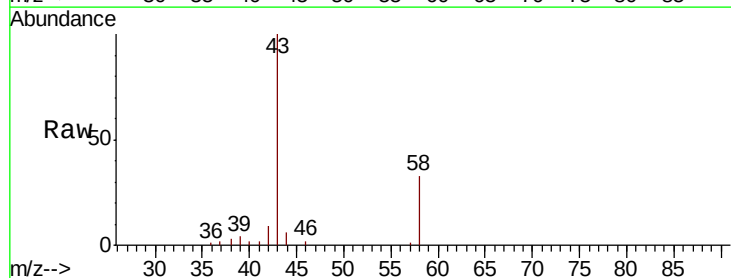
Acq: 31 Aug 2018 15:49

Tgt Ion: 43 Resp: 16523

Ion Ratio Lower Upper

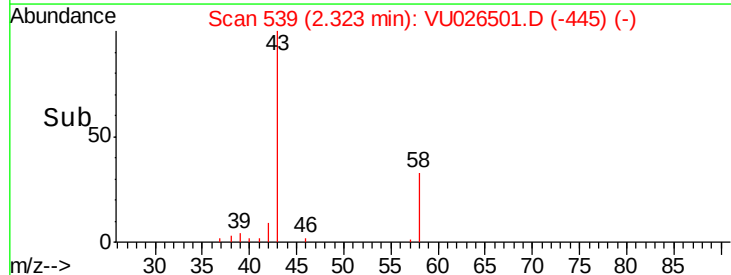
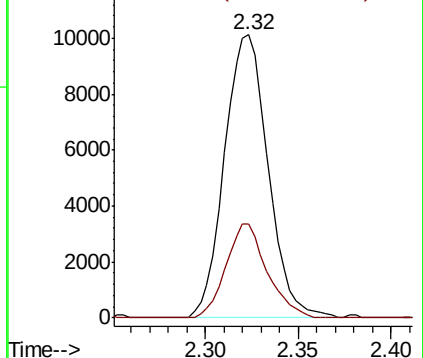
43 100

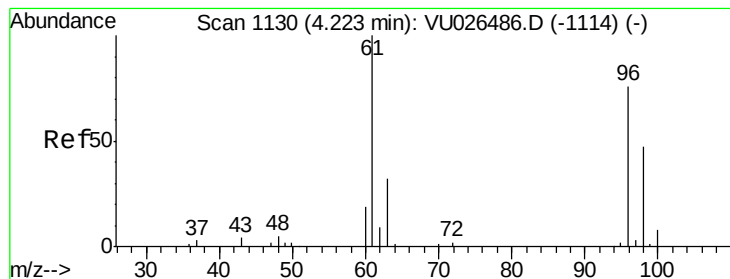
58 31.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 15.35 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

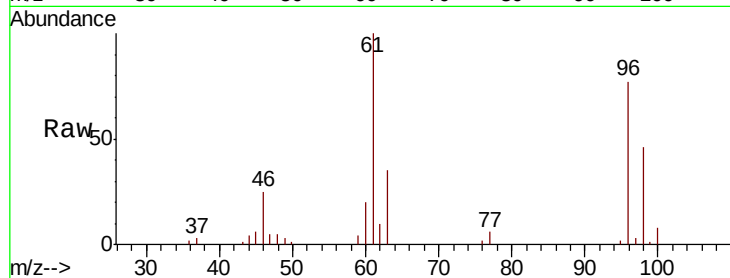
Tot Ion: 96 Resp: 16854

Ion Ratio Lower Upper

96 100

61 130.5 91.6 170.2

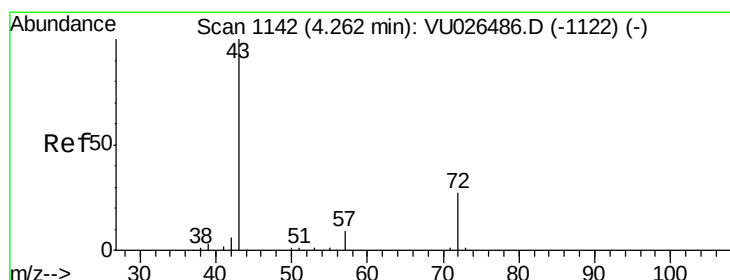
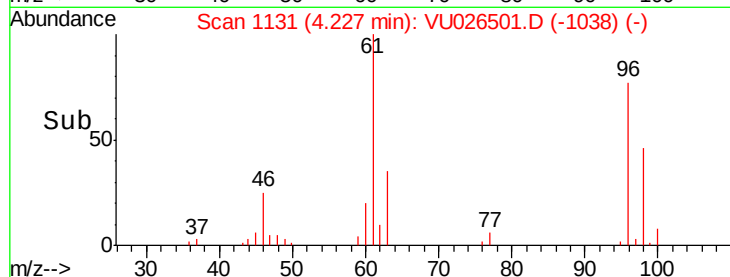
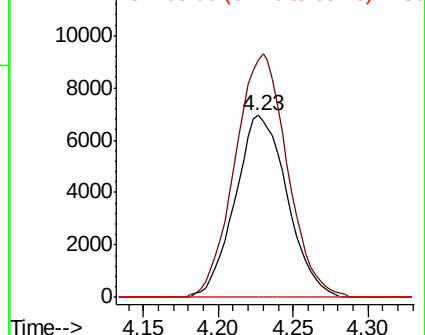
68 0.0 0.0 0.0



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: 7.47 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU026501.D

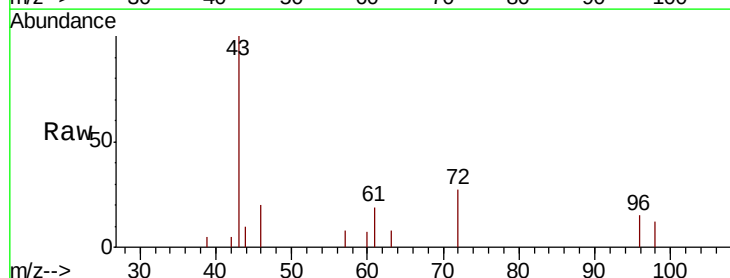
Acq: 31 Aug 2018 15:49

Tgt Ion: 43 Resp: 6344

Ion Ratio Lower Upper

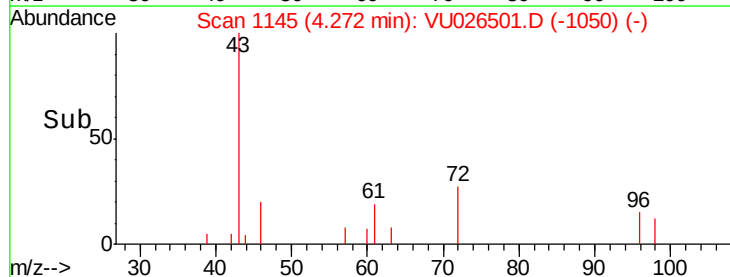
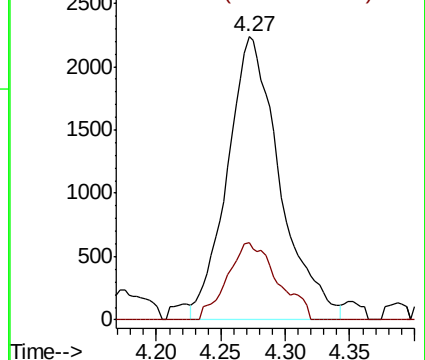
43 100

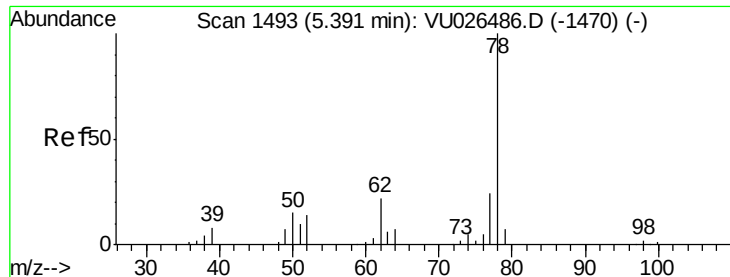
72 24.0 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

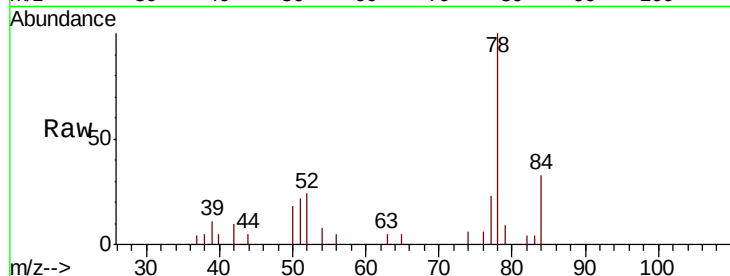




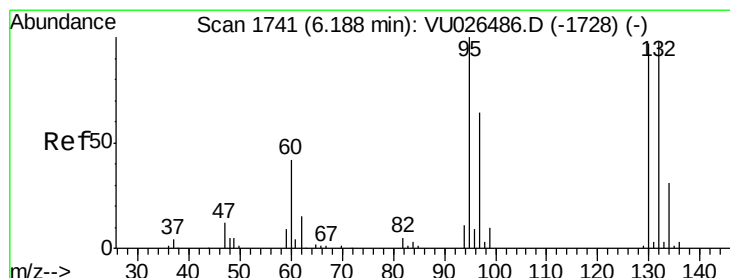
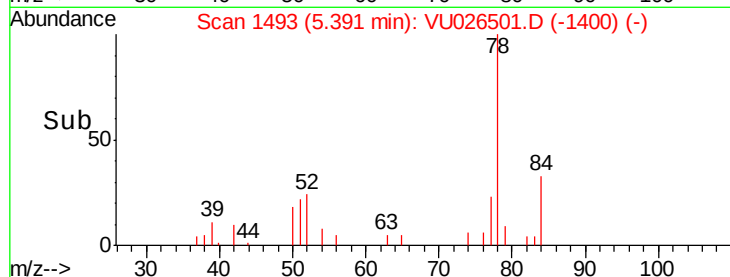
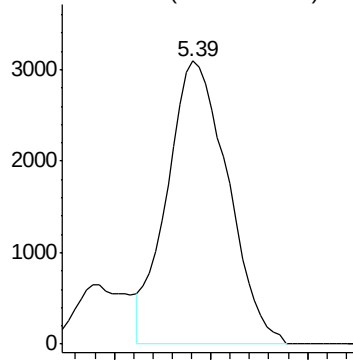
#33
Benzene
Concen: 1.63 ug/L
RT: 5.39 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VU026501.D
Acq: 31 Aug 2018 15:49

Instrument :
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Tgt Ion: 78 Resp: 6755

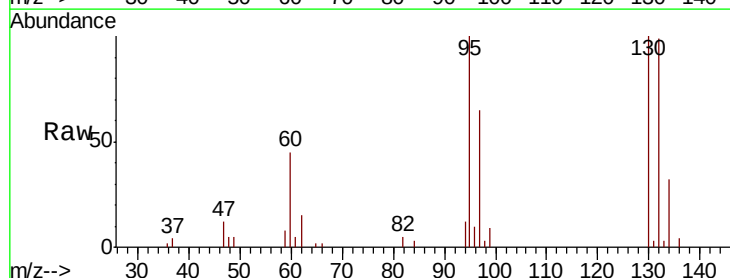


Abundance Ion 78.00 (77.70 to 78.70): VU0



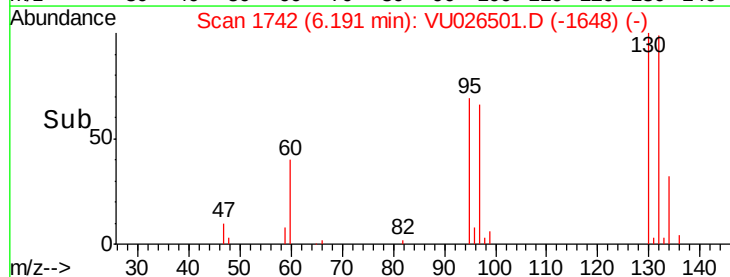
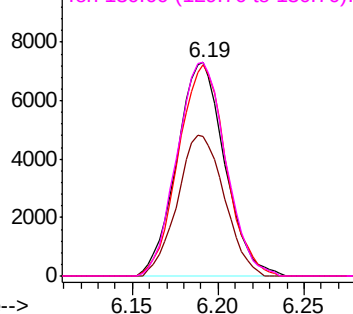
#34
Trichloroethene
Concen: 13.70 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU026501.D
Acq: 31 Aug 2018 15:49

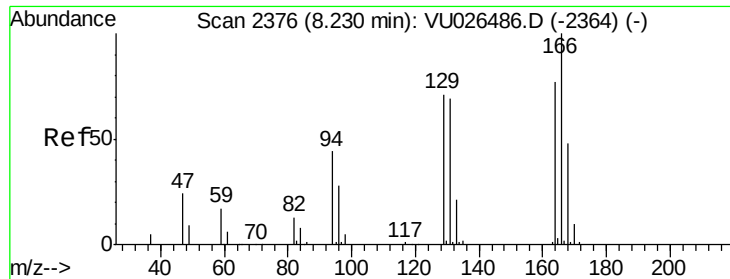
Tgt Ion: 95 Resp: 14203
Ion Ratio Lower Upper
95 100
97 65.5 45.1 83.7
132 98.7 67.5 125.3
130 100.0 69.3 128.7



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





#46

Tetrachloroethene

Concen: 412.13 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026501.D

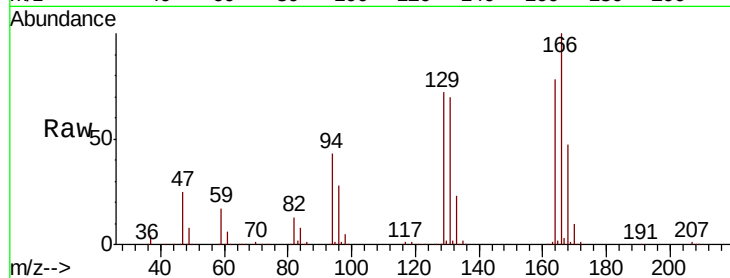
Acq: 31 Aug 2018 15:49

Instrument :

MSVOA_U

ClientSampleId :

BEE13



Tot 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

