

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026503.D
 Acq On : 31 Aug 2018 16:35
 Operator : MD/SY
 Sample : J4691-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE15

Quant Time: Sep 01 04:42:39 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	148429	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62828	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40831	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.80%
7) Chloroethane-d5	1.68	69	38695	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.18%
11) 1,1-Dichloroethene-d2	2.27	63	58873	28.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.86%#
21) 2-Butanone-d5	4.18	46	73616	103.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	4.65	84	82640	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.31	65	58112	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.34	84	164174	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
36) 1,2-Dichloropropane-d6	6.33	67	57046	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.57	98	150447	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%
43) trans-1,3-Dichloropropene-	7.85	79	22664	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.68%
47) 2-Hexanone-d5	8.31	63	55093	108.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79545	48.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	60452	53.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.06%

Target Compounds

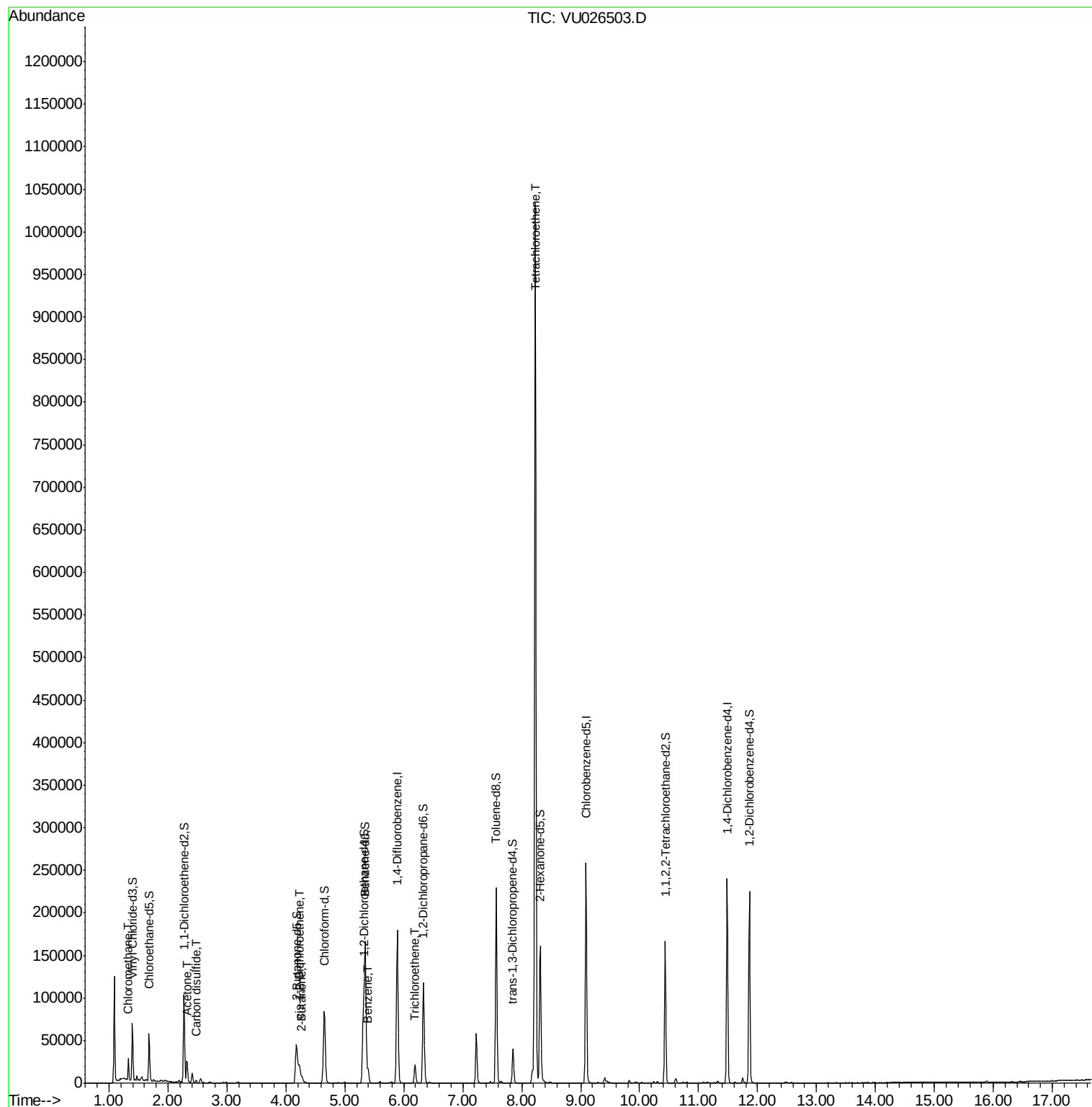
						Ovalue
3) Chloromethane	1.33	50	16440	11.50	ug/L	98
13) Acetone	2.32	43	26697	43.20	ug/L	98
14) Carbon disulfide	2.48	76	3836	1.28	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	10376	9.67	ug/L	98
22) 2-Butanone	4.27	43	10946	13.18	ug/L	100
33) Benzene	5.39	78	15674	3.91	ug/L	100
34) Trichloroethene	6.19	95	7907	7.87	ug/L	95
46) Tetrachloroethene	8.23	164	227783	277.18	ug/L	97

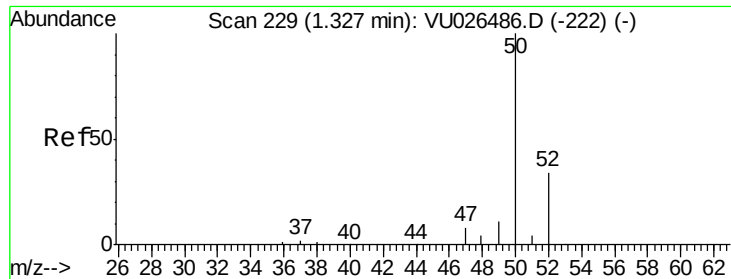
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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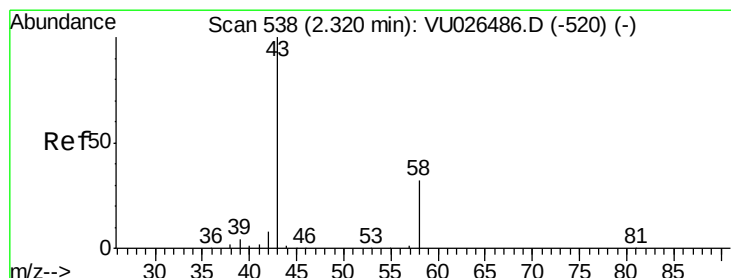
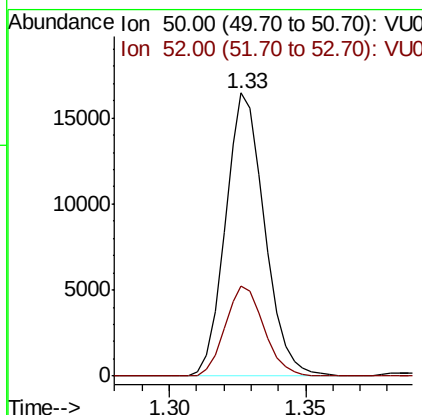
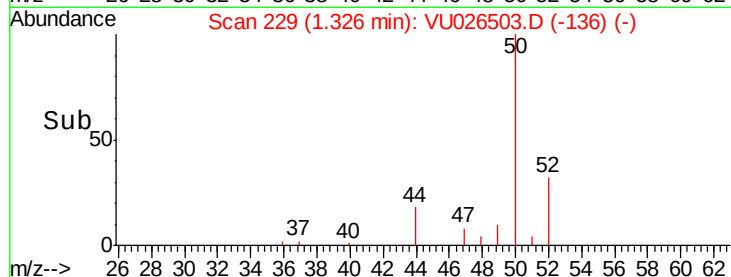
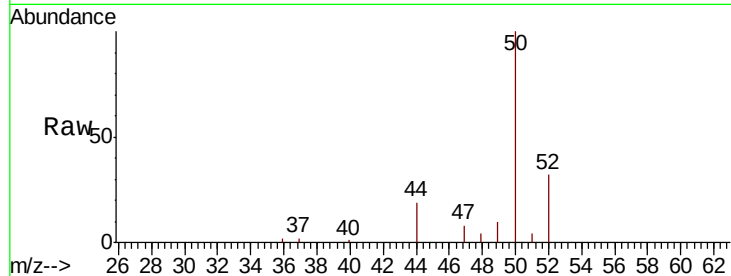




#3
 Chloromethane
 Concen: 11.50 ug/L
 RT: 1.33 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VU026503.D
 Acq: 31 Aug 2018 16:35

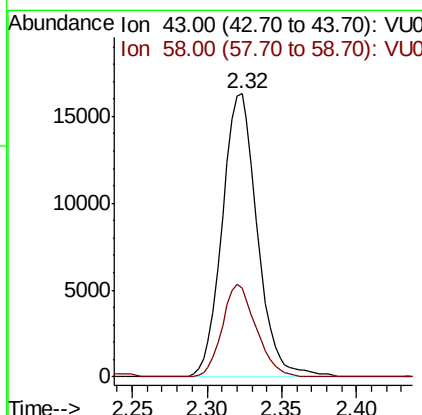
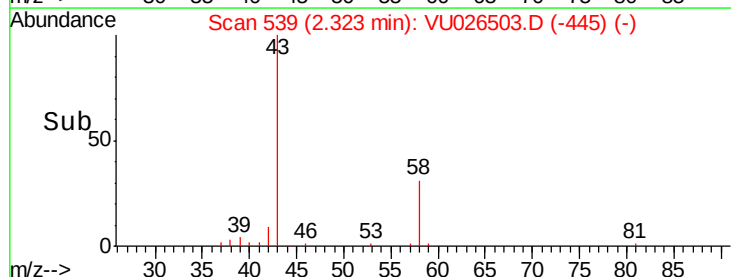
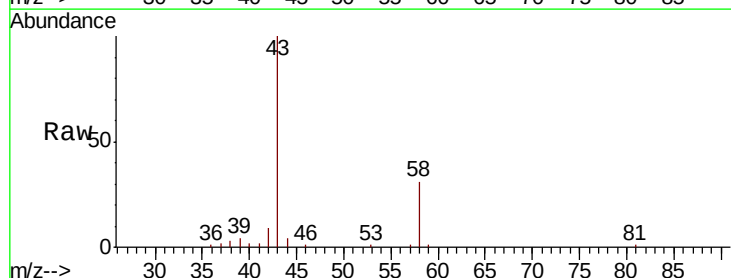
Instrument :
 MSVOA_U
 ClientSampleId :
 BEE15

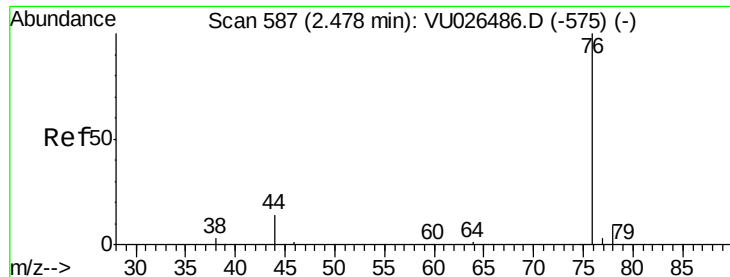
Tot Ion: 50 Resp: 16440
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.0 42.6



#13
 Acetone
 Concen: 43.20 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026503.D
 Acq: 31 Aug 2018 16:35

Tgt Ion: 43 Resp: 26697
 Ion Ratio Lower Upper
 43 100
 58 31.5 0.0 61.2





#14

Carbon disulfide

Concen: 1.28 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU026503.D

Acq: 31 Aug 2018 16:35

Instrument :

MSVOA_U

ClientSampled :

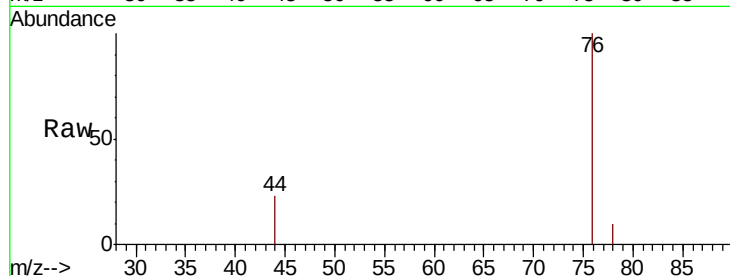
BEE15

Tot Ion: 76 Resp: 3836

Ion Ratio Lower Upper

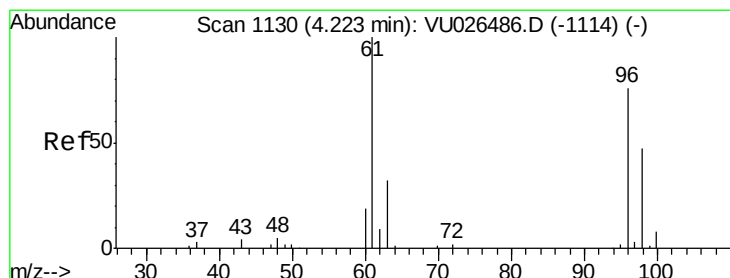
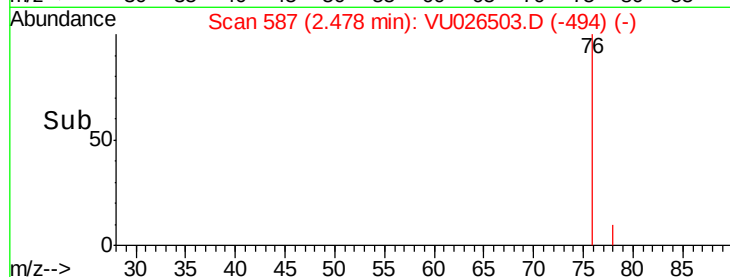
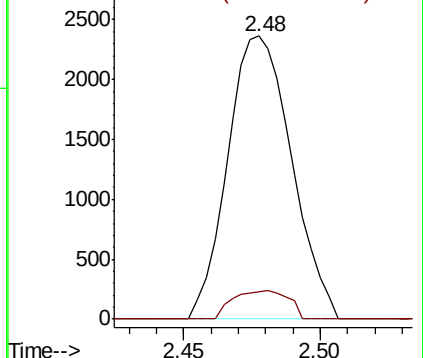
76 100

78 9.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 9.67 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026503.D

Acq: 31 Aug 2018 16:35

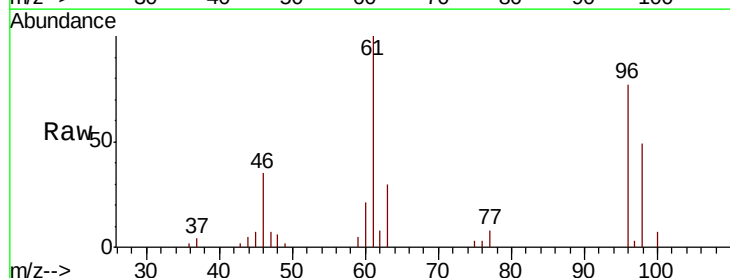
Tgt Ion: 96 Resp: 10376

Ion Ratio Lower Upper

96 100

61 129.1 91.6 170.2

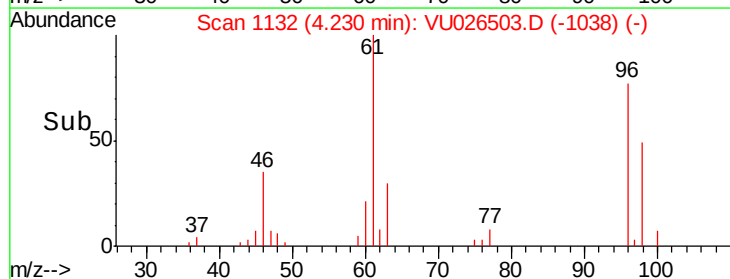
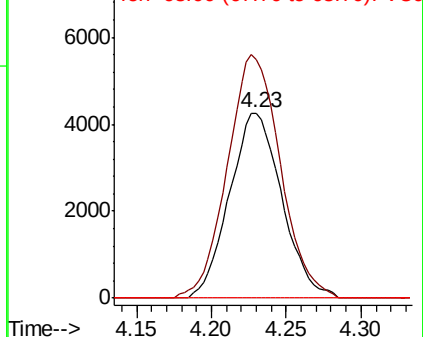
68 0.0 0.0 0.0

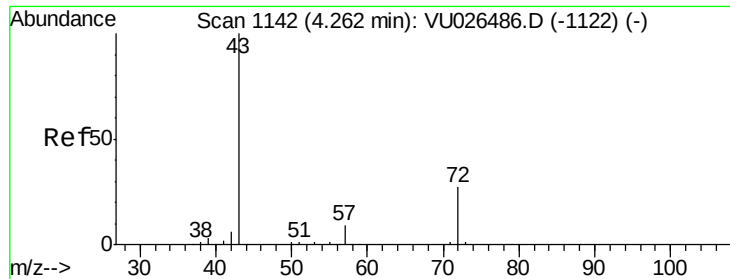


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 13.18 ug/L

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU026503.D

Acq: 31 Aug 2018 16:35

Instrument :

MSVOA_U

ClientSampleId :

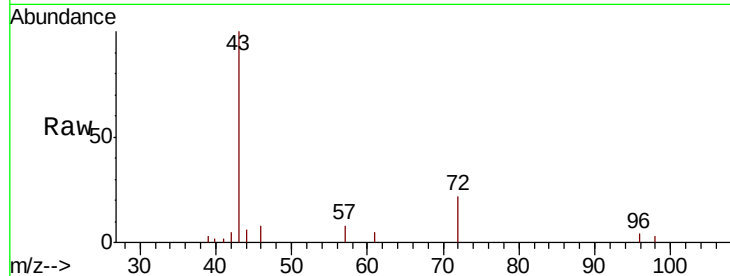
BEE15

Tot Ion: 43 Resp: 10946

Ion Ratio Lower Upper

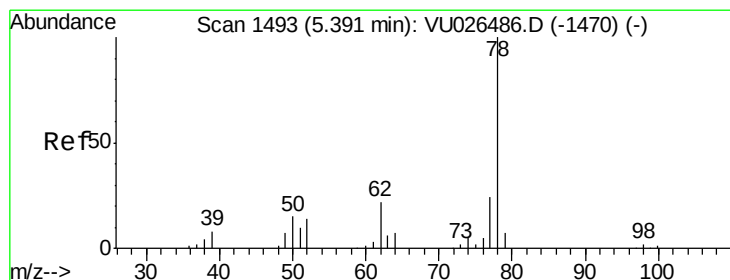
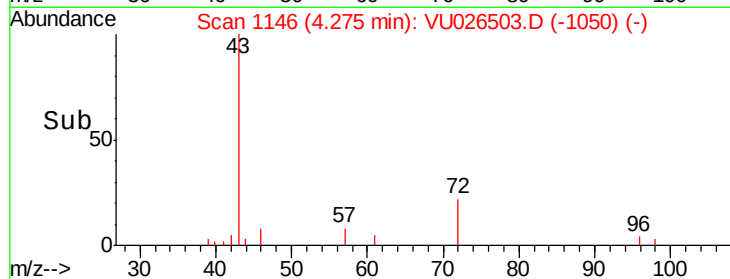
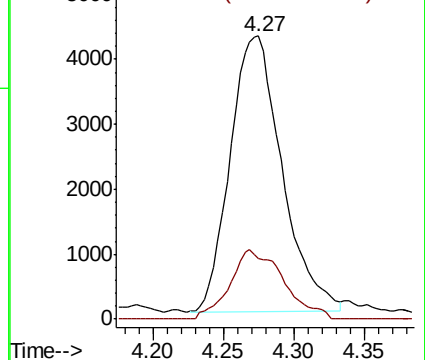
43 100

72 26.0 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: 3.91 ug/L

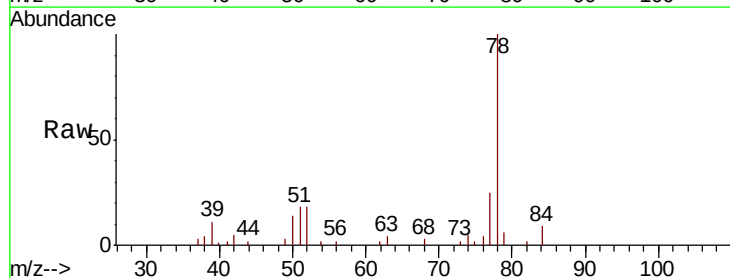
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

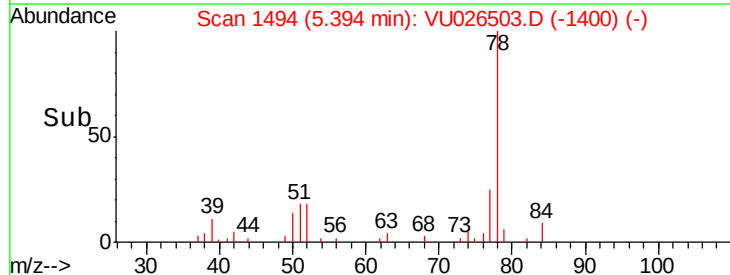
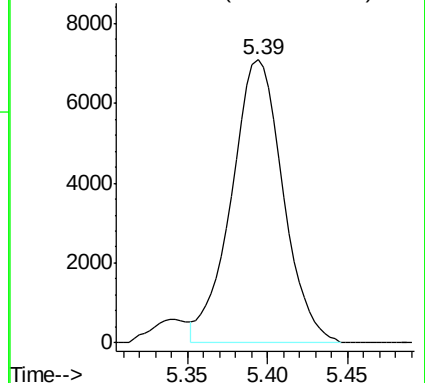
Lab File: VU026503.D

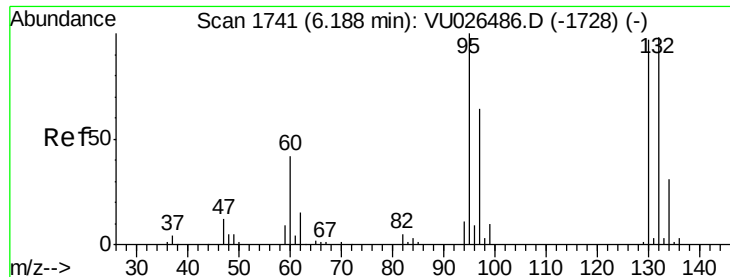
Acq: 31 Aug 2018 16:35

Tgt Ion: 78 Resp: 15674



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 7.87 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026503.D

Acq: 31 Aug 2018 16:35

Instrument :

MSVOA_U

ClientSampleId :

BEE15

Tot Ion: 95 Resp: 7907

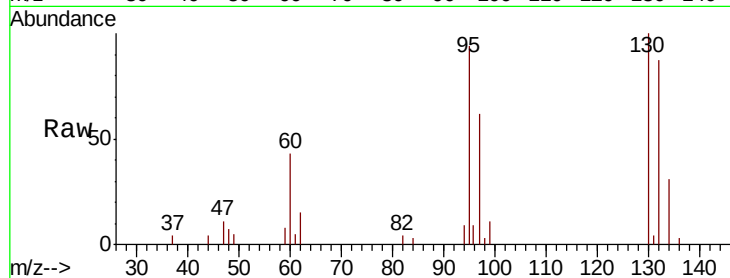
Ion Ratio Lower Upper

95 100

97 66.2 45.1 83.7

132 92.6 67.5 125.3

130 106.9 69.3 128.7

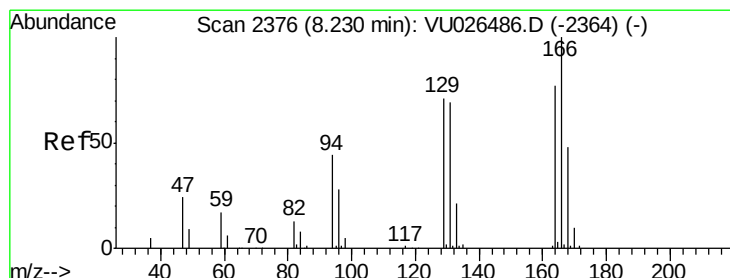
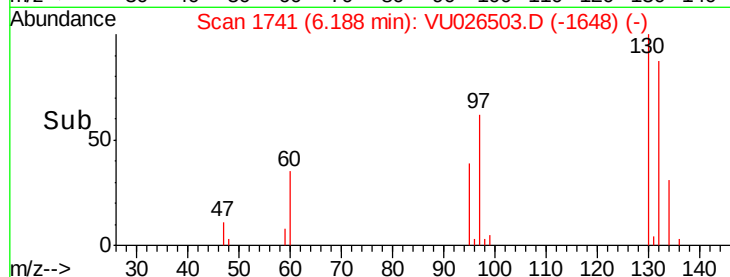
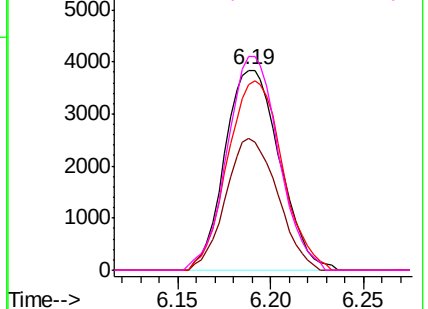


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 277.18 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026503.D

Acq: 31 Aug 2018 16:35

Tgt Ion:164 Resp: 227783

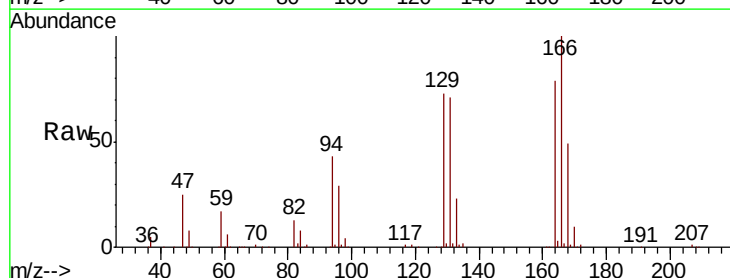
Ion Ratio Lower Upper

164 100

129 92.7 67.3 125.1

131 90.5 65.3 121.3

166 127.1 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

