

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 01:05:02 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

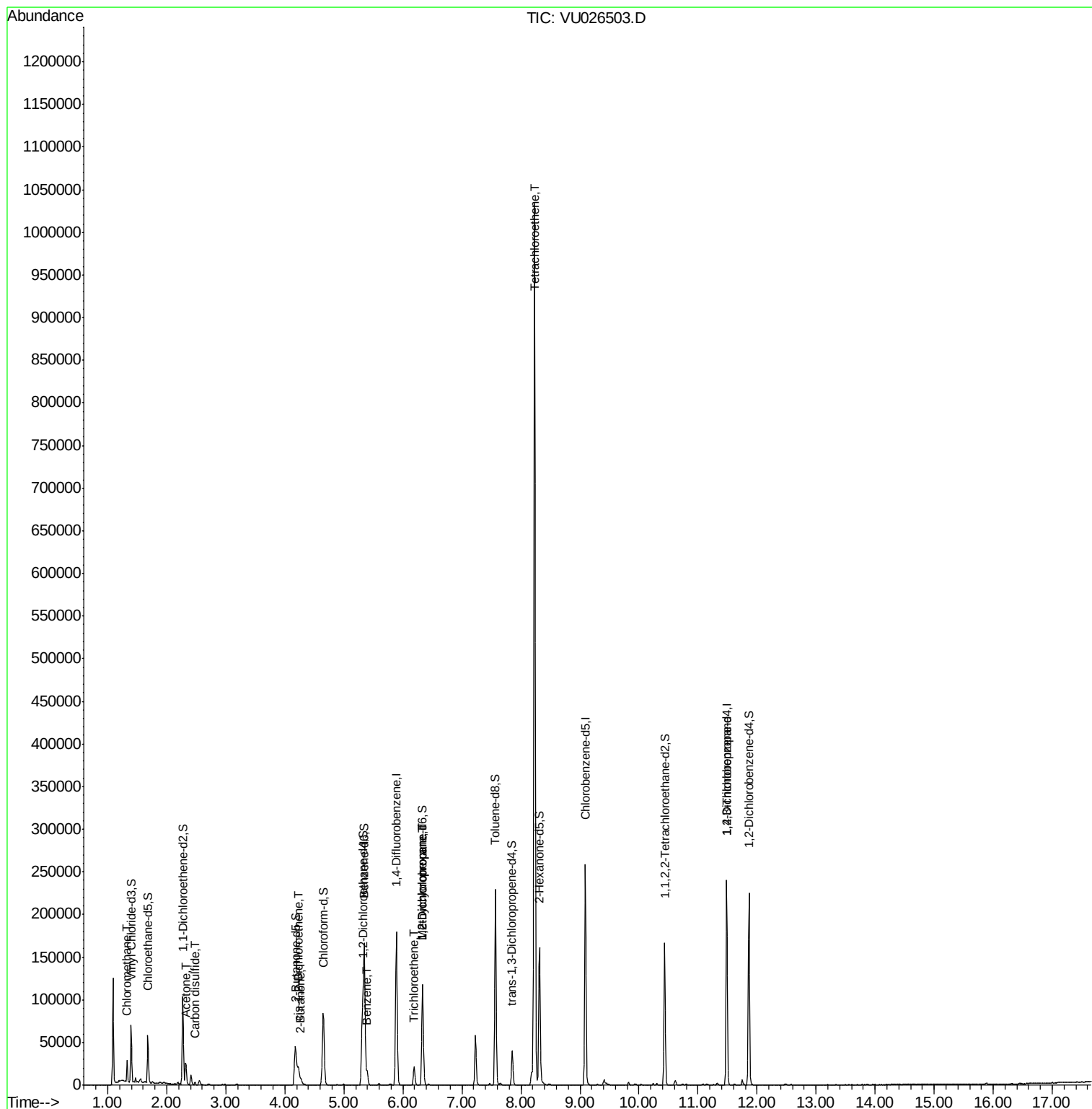
						Qvalue
3) Chloromethane	1.33	50	16440	11.504	ug/L	98
13) Acetone	2.32	43	26697	43.195	ug/L	98
14) Carbon disulfide	2.48	76	3836	1.279	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	10376	9.665	ug/L	98
22) 2-Butanone	4.27	43	10946	13.176	ug/L	100
33) Benzene	5.39	78	15674	3.911	ug/L	100
34) Trichloroethene	6.19	95	7907	7.866	ug/L	95
35) Methylcyclohexane	6.33	83	12777	8.141	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6229	5.615	ug/L #	88
46) Tetrachloroethene	8.23	164	227783	277.178	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	7076	5.112	ug/L #	88

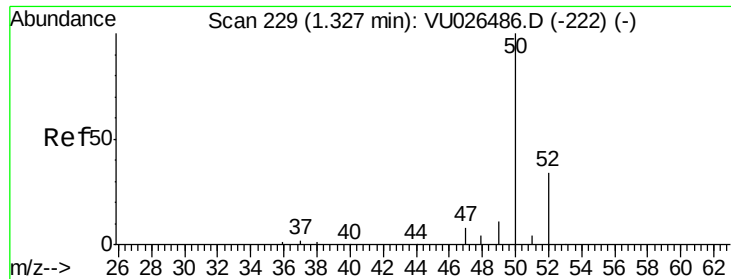
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 11.504 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 :

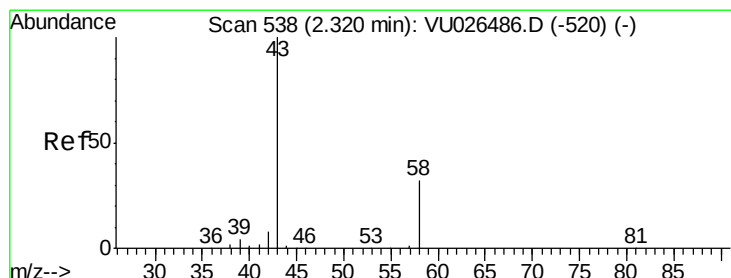
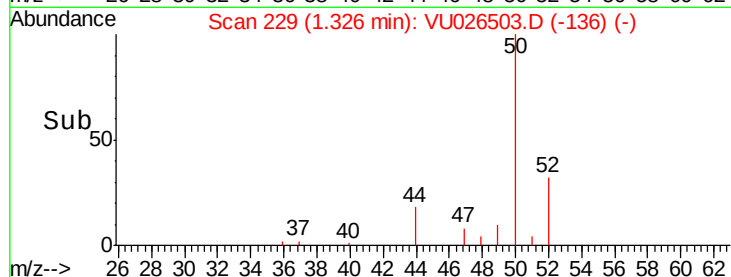
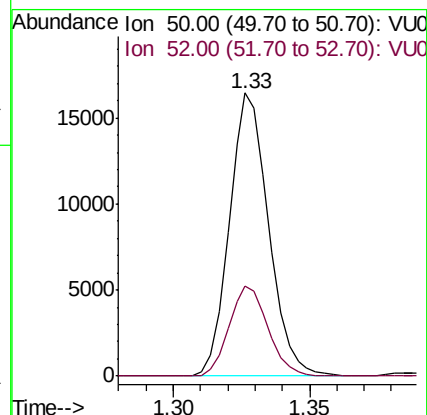
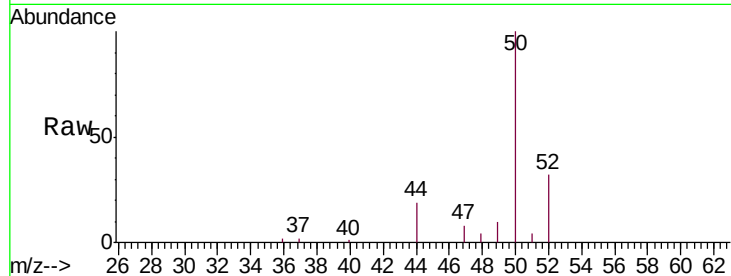
BEE15

Tgt Ion: 50 Resp: 16440

Ion Ratio Lower Upper

50 100

52 31.8 23.0 42.6



#13

Acetone

Concen: 43.195 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026503.D

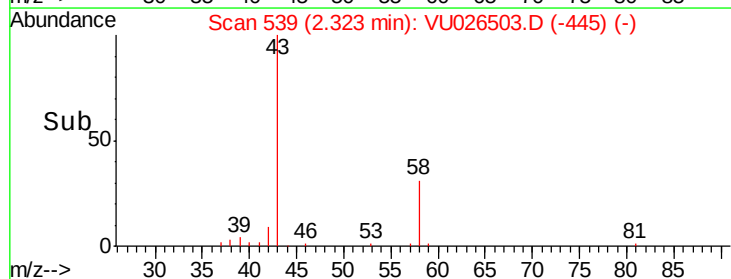
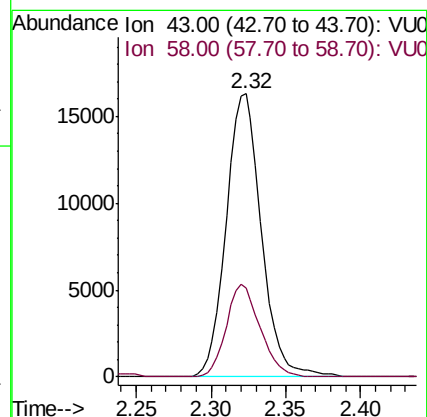
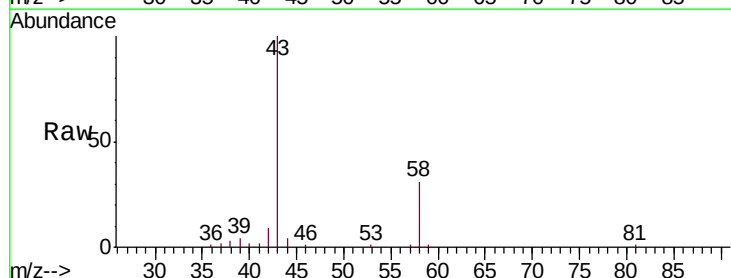
Acq: 31 Aug 2018 16:35

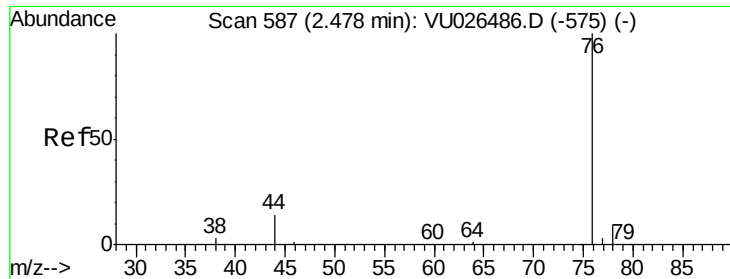
Tgt Ion: 43 Resp: 26697

Ion Ratio Lower Upper

43 100

58 31.5 0.0 61.2





#14

Carbon disulfide

Concen: 1.279 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 :

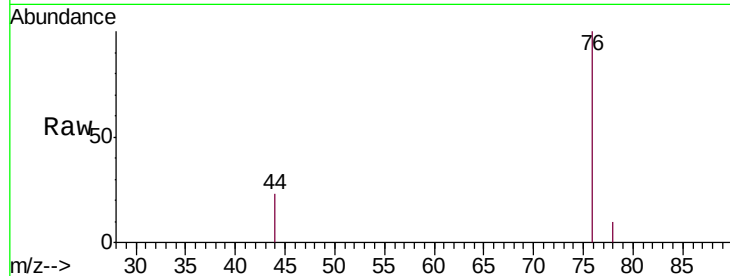
BEE15

Tgt Ion: 76 Resp: 3836

Ion Ratio Lower Upper

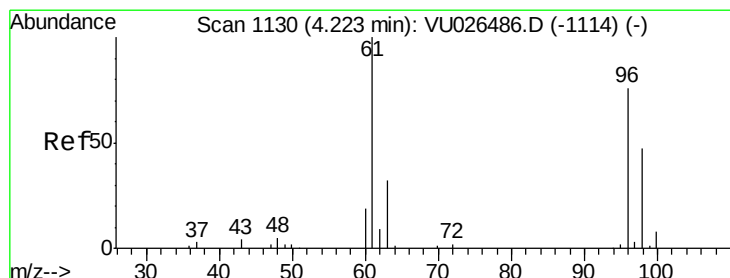
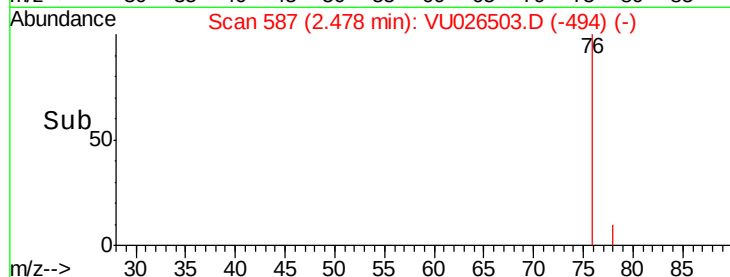
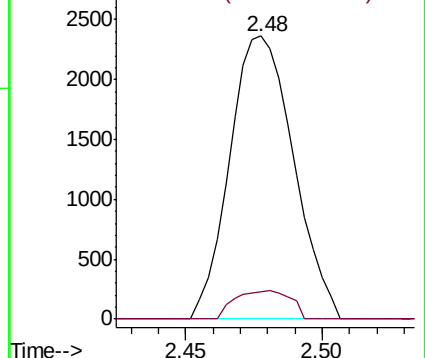
76 100

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: 9.665 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026503.D

Acq: 31 Aug 2018 16:35

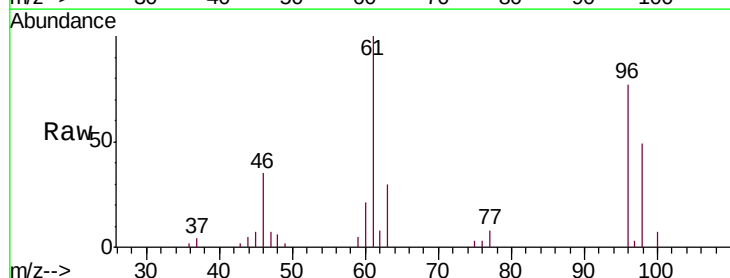
Tgt Ion: 96 Resp: 10376

Ion Ratio Lower Upper

96 100

61 129.1 91.6 170.2

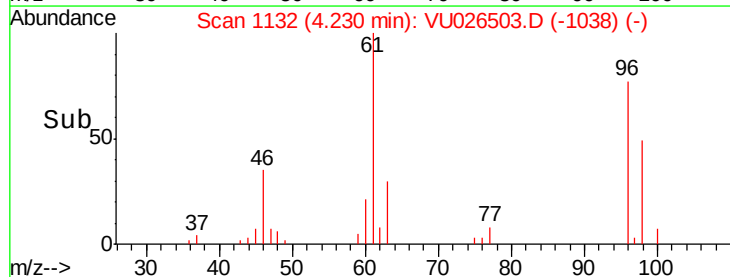
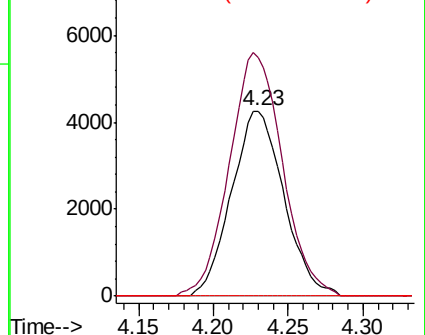
68 0.0 0.0 0.0

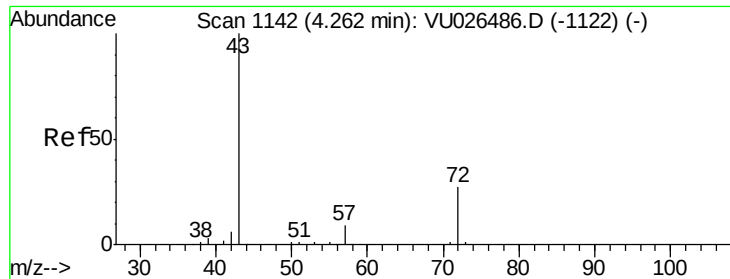


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 13.176 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 :

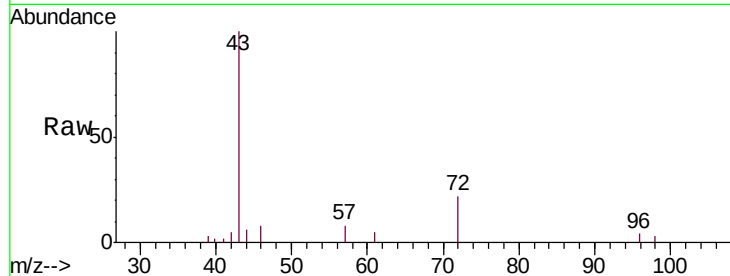
BEE15

Tgt Ion: 43 Resp: 10946

Ion Ratio Lower Upper

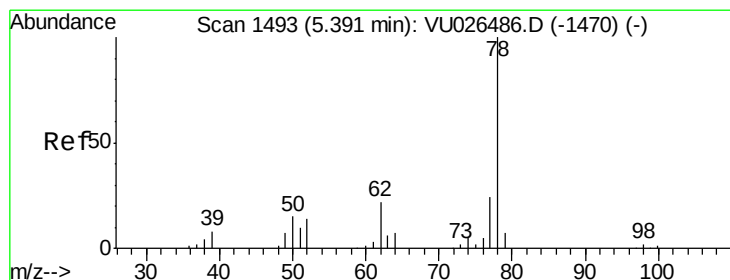
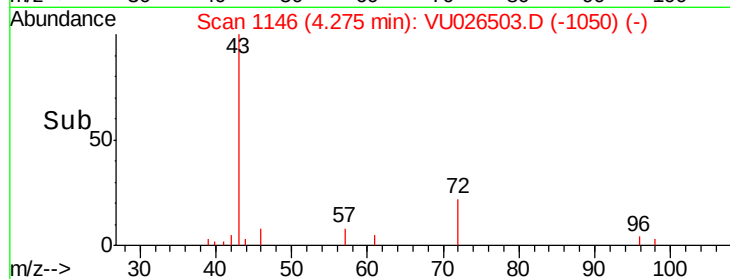
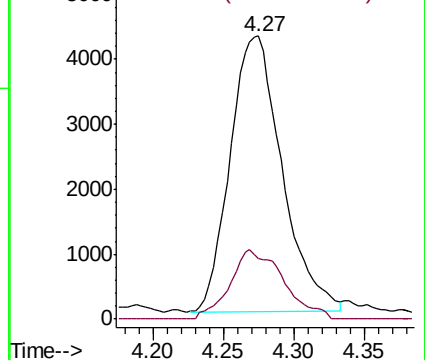
43 100

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: 3.911 ug/L

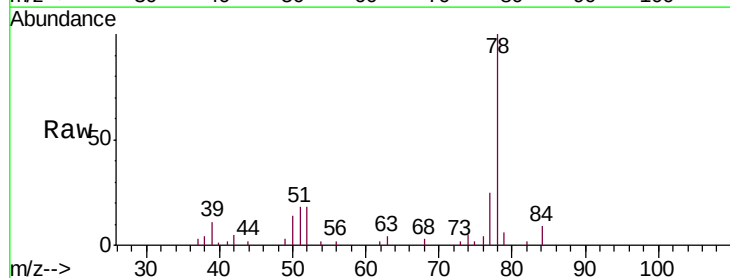
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

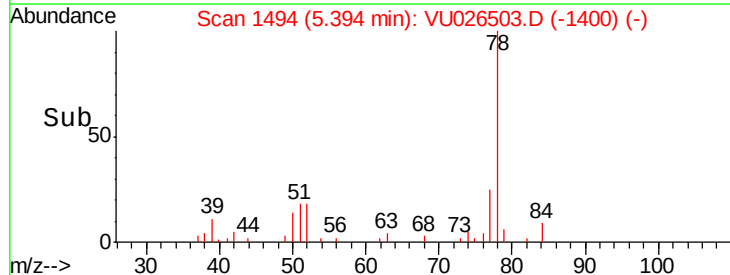
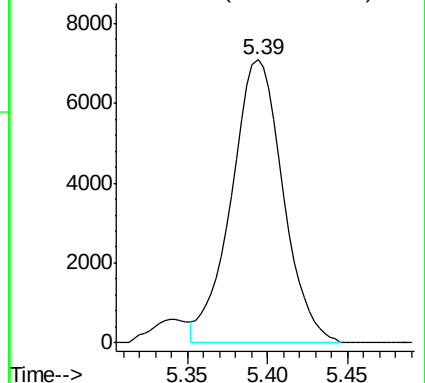
Lab File: VU026503.D

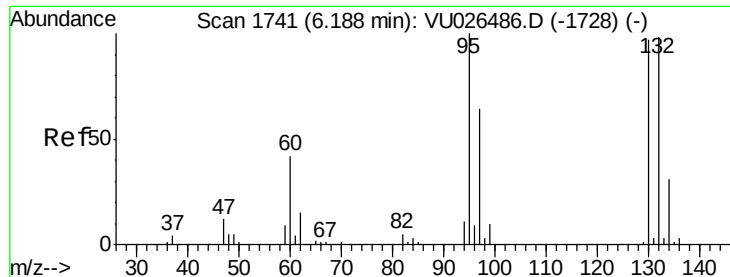
Acq: 31 Aug 2018 16:35

Tgt Ion: 78 Resp: 15674



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 7.866 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

Tgt Ion: 95 Resp: 7907

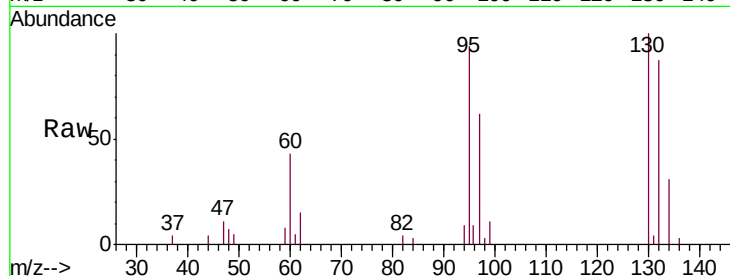
Ion Ratio Lower Upper

95 100

97 66.2 45.1 83.7

132 92.6 67.5 125.3

130 106.9 69.3 128.7

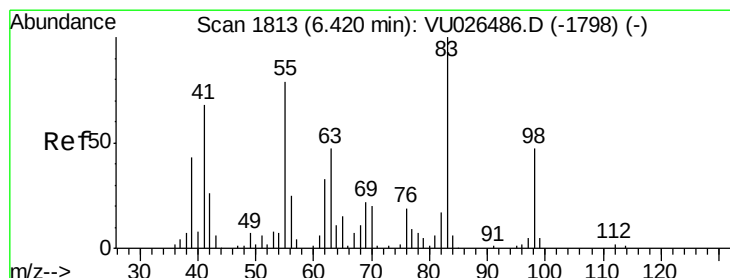
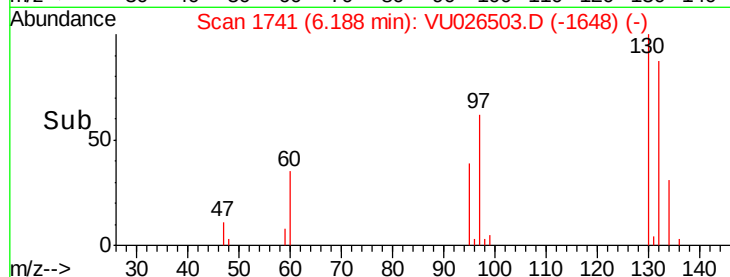
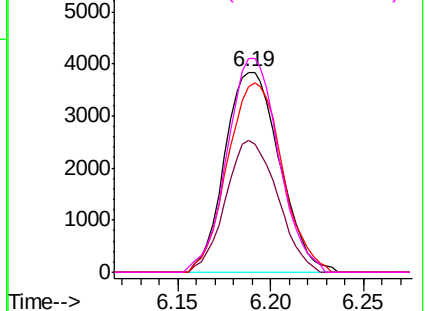


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 8.141 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026503.D

Acq: 31 Aug 2018 16:35

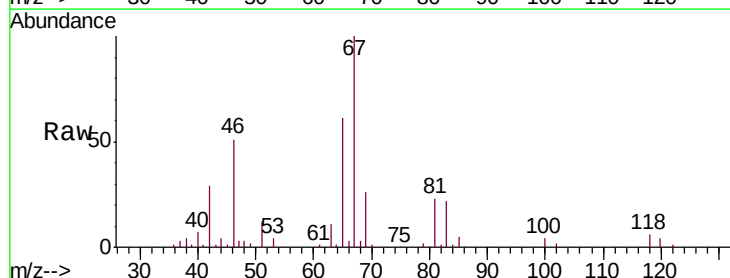
Tgt Ion: 83 Resp: 12777

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

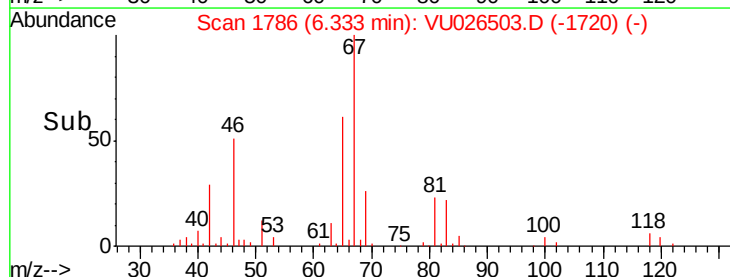
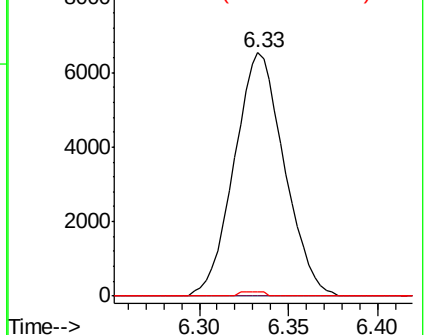
98 0.8 36.7 55.1#

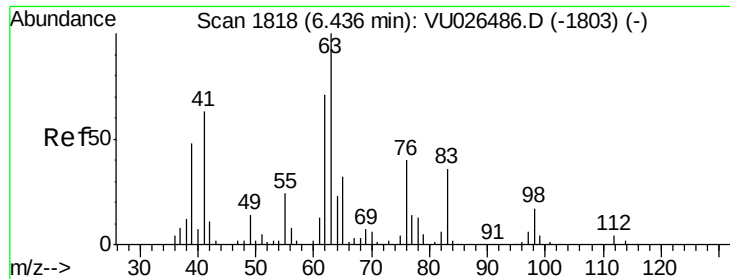


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

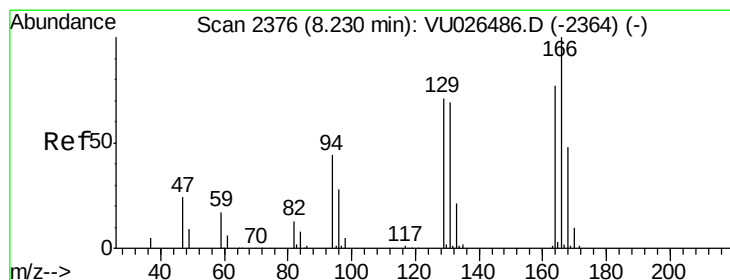
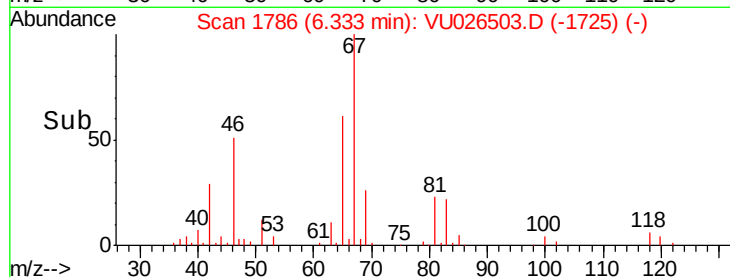
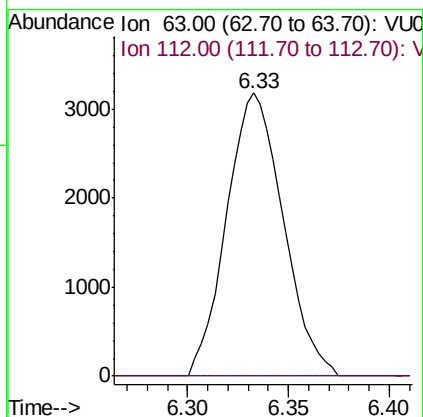
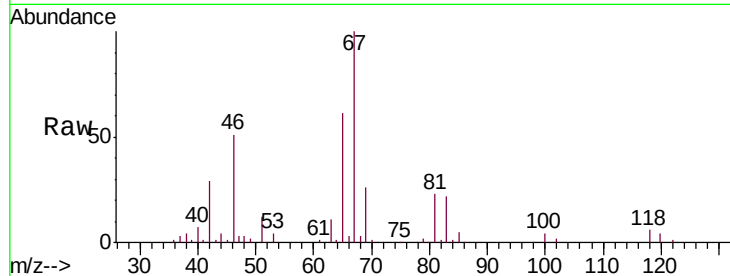




#37
 1,2-Dichloropropane
 Concen: 5.615 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026503.D
 Acq: 31 Aug 2018 16:35

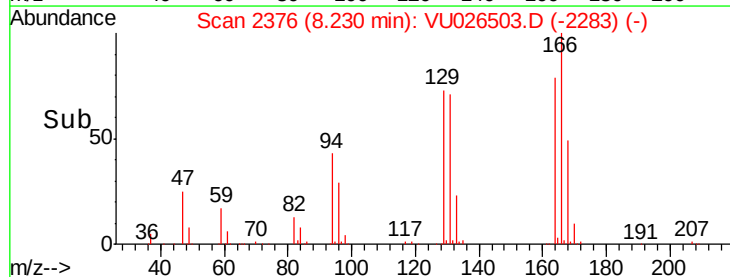
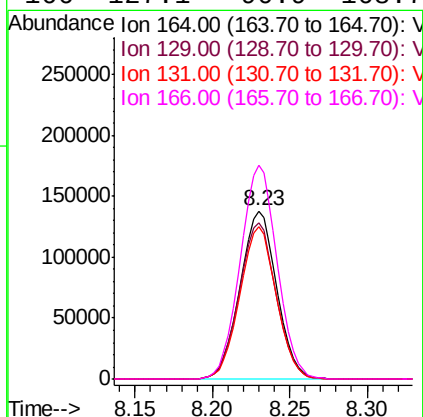
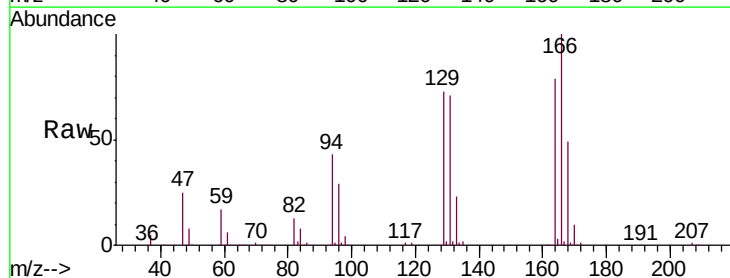
Instrument :
 MSVOA_U
 ClientSampled :
 BEE15

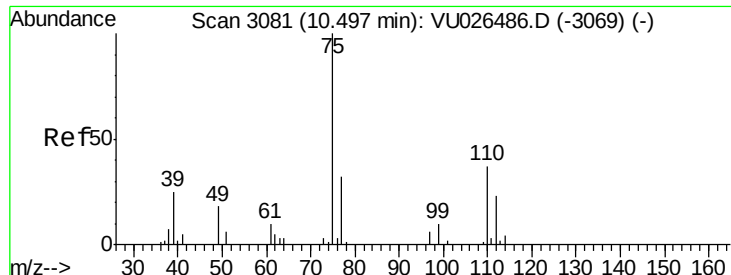
Tgt Ion: 63 Resp: 6229
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 277.178 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





#59

1,2,3-Trichloropropane

Concen: 5.112 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026503.D

Acq: 31 Aug 2018 16:35

Instrument :

MSVOA_U

ClientSampleId :

BEE15

Tgt Ion: 75 Resp: 7076

Ion Ratio Lower Upper

75 100

77 38.0 25.0 37.6#

