

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083118\
 Data File : VU026496.D
 Acq On : 31 Aug 2018 13:51
 Operator : MD/SY
 Sample : J4691-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE11

Quant Time: Sep 01 01:54:58 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	156718	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42318	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.16%
7) Chloroethane-d5	1.68	69	39741	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.64%
11) 1,1-Dichloroethene-d2	2.27	63	63108	28.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.72%#
21) 2-Butanone-d5	4.18	46	73987	98.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.17%
24) Chloroform-d	4.65	84	85226	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.31	65	58666	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.35	84	172405	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.33	67	59075	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	7.57	98	157985	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	22999	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
47) 2-Hexanone-d5	8.31	63	54646	101.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80019	46.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	66033	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

Target Compounds

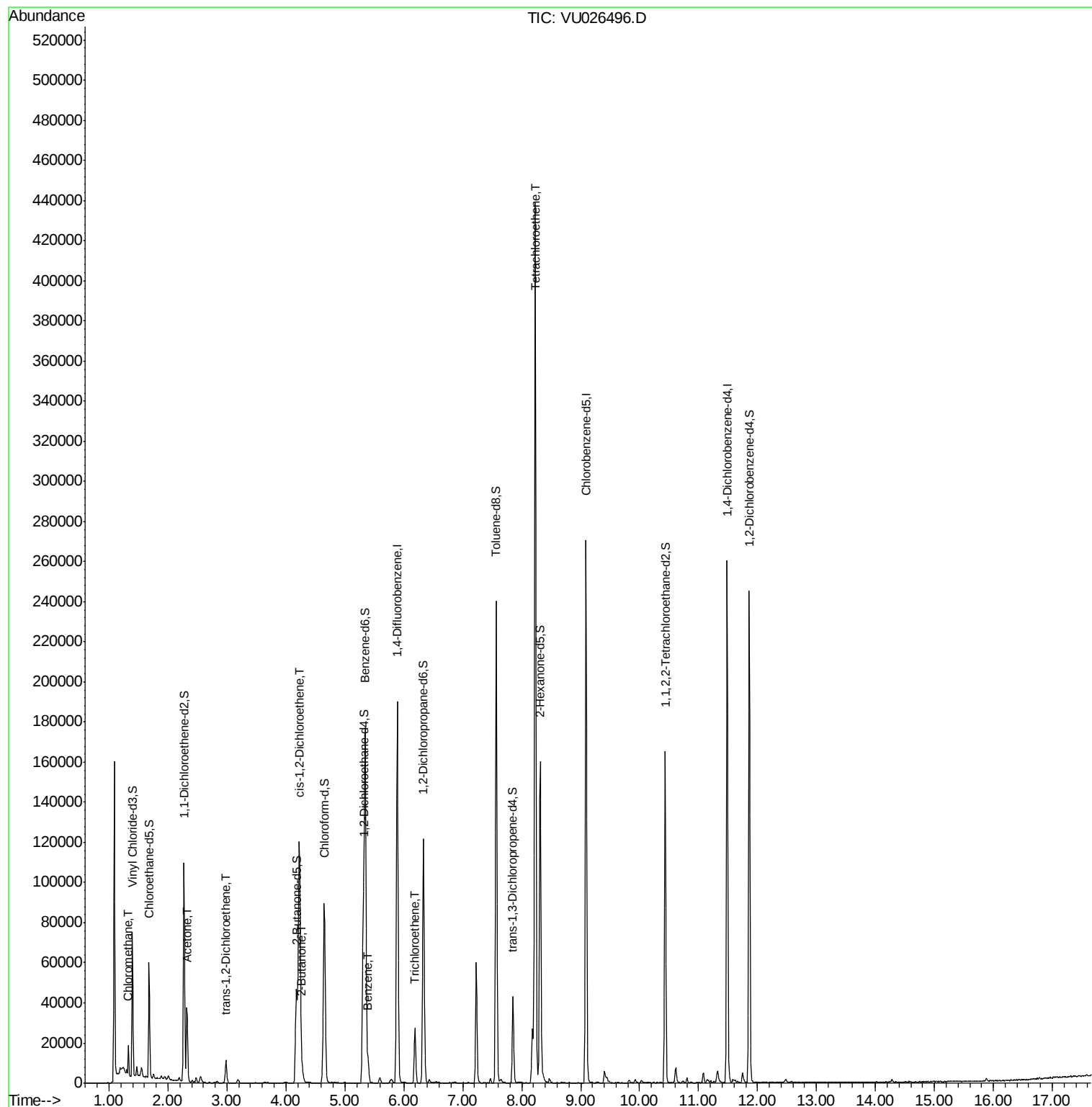
						Ovalue
3) Chloromethane	1.33	50	9490	6.29	ug/L	99
13) Acetone	2.32	43	37782	57.90	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	4438	4.39	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	66251	58.45	ug/L	99
22) 2-Butanone	4.27	43	11266	12.84	ug/L	92
33) Benzene	5.39	78	10901	2.58	ug/L	100
34) Trichloroethene	6.19	95	9745	9.18	ug/L	97
46) Tetrachloroethene	8.23	164	97227	112.02	ug/L	96

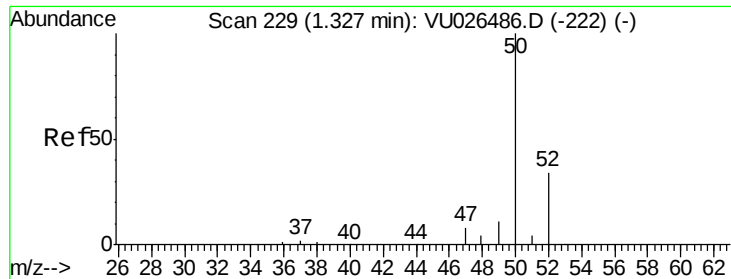
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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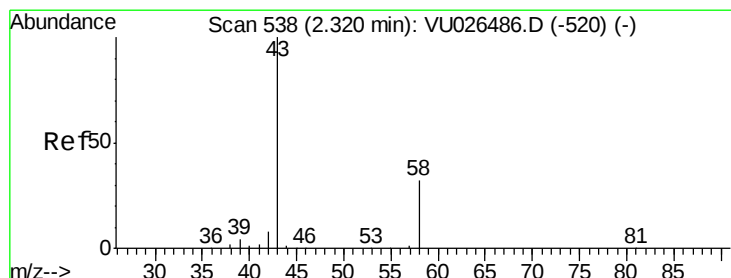
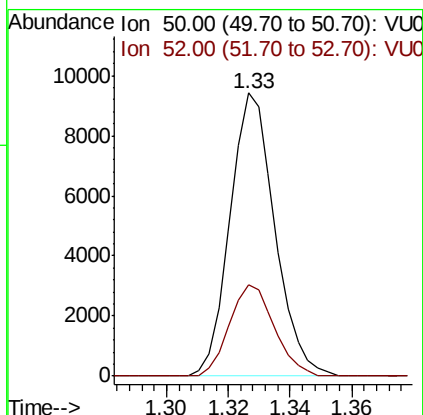
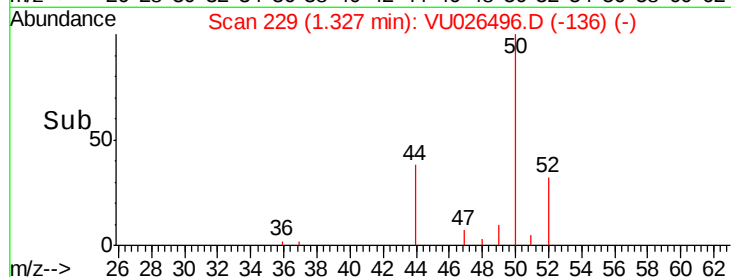
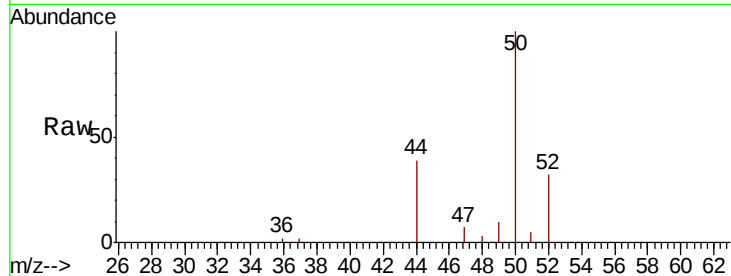




#3
 Chloromethane
 Concen: 6.29 ug/L
 RT: 1.33 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VU026496.D
 Acq: 31 Aug 2018 13:51

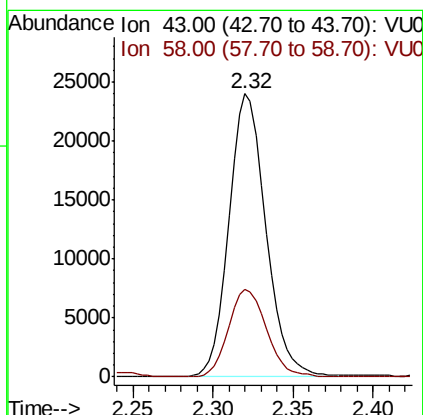
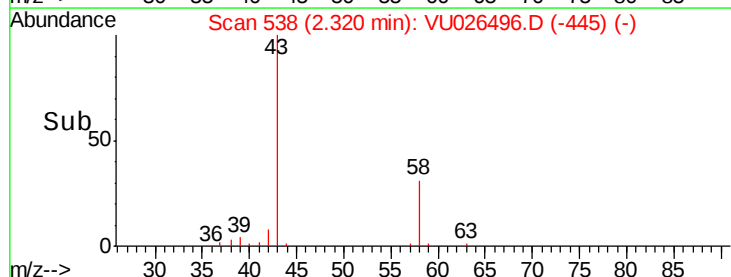
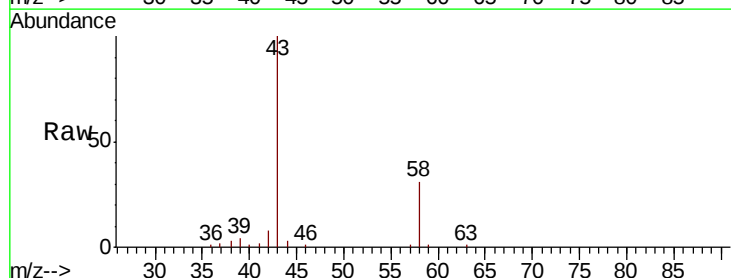
Instrument :
 MSVOA_U
 ClientSampleId :
 BEE11

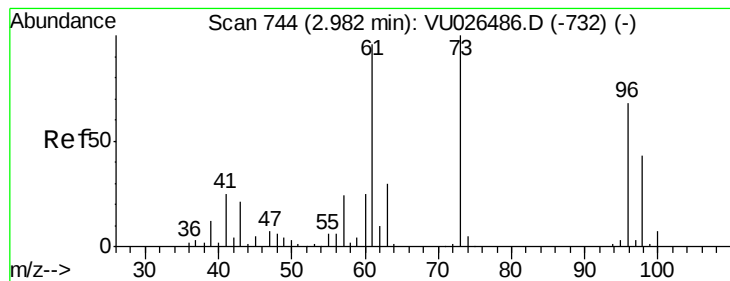
Tot Ion: 50 Resp: 9490
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.6



#13
 Acetone
 Concen: 57.90 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU026496.D
 Acq: 31 Aug 2018 13:51

Tgt Ion: 43 Resp: 37782
 Ion Ratio Lower Upper
 43 100
 58 31.9 0.0 61.2





#17

trans-1,2-Dichloroethene

Concen: 4.39 ug/L

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU026496.D

Acq: 31 Aug 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

BEE11

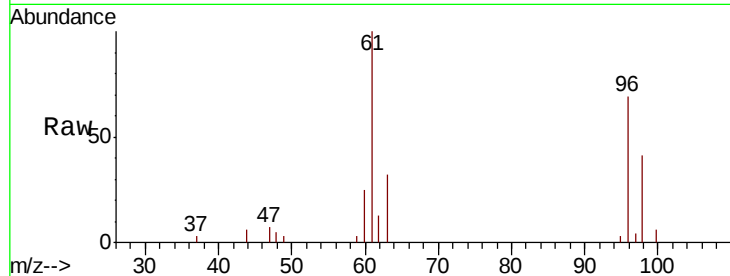
Tot Ion: 96 Resp: 4438

Ion Ratio Lower Upper

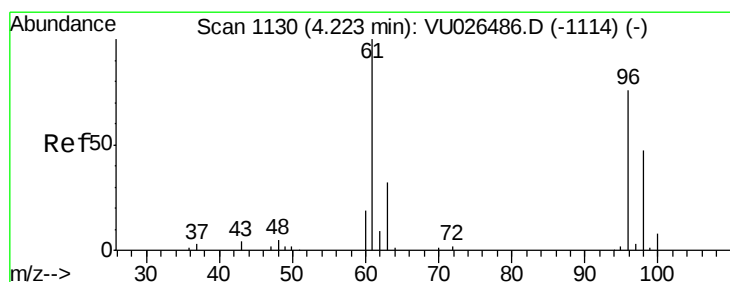
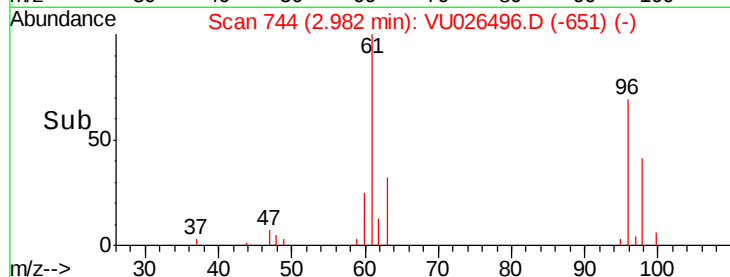
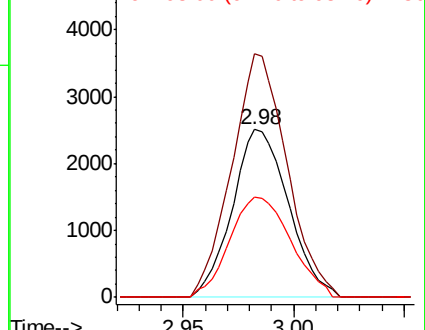
96 100

61 145.1 103.2 191.6

98 59.6 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 58.45 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026496.D

Acq: 31 Aug 2018 13:51

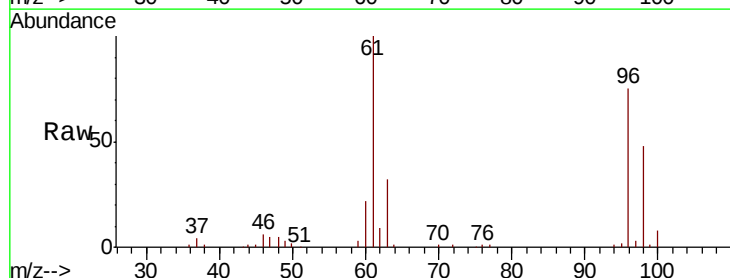
Tgt Ion: 96 Resp: 66251

Ion Ratio Lower Upper

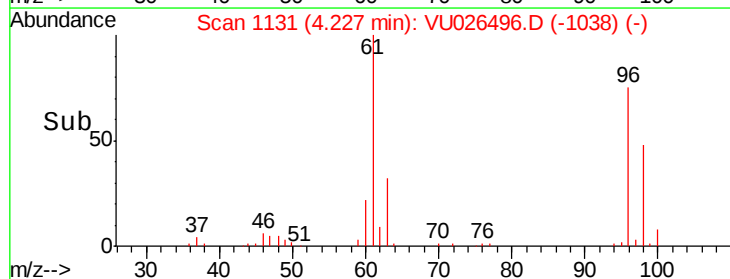
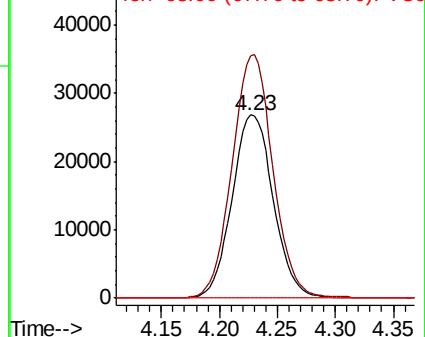
96 100

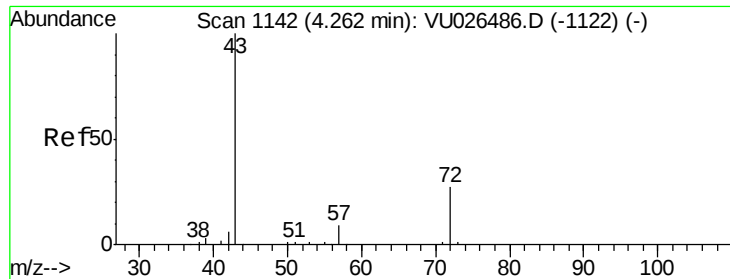
61 132.5 91.6 170.2

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: 12.84 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU026496.D

Acq: 31 Aug 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

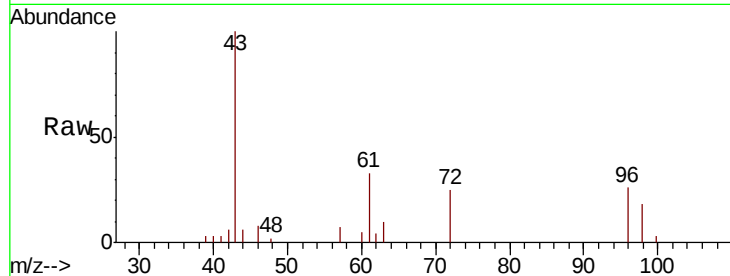
BEE11

Tot Ion: 43 Resp: 11266

Ion Ratio Lower Upper

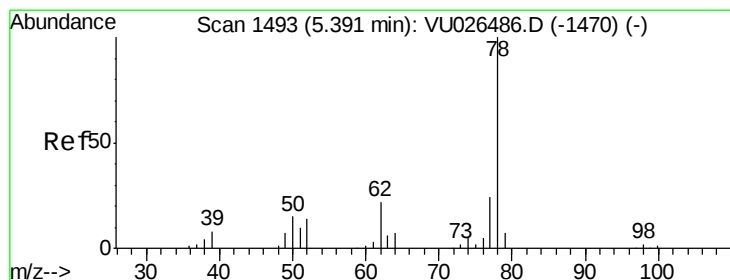
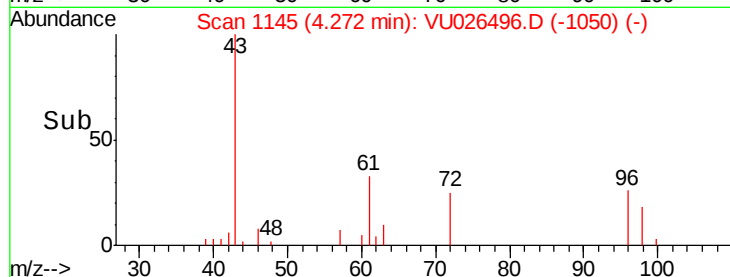
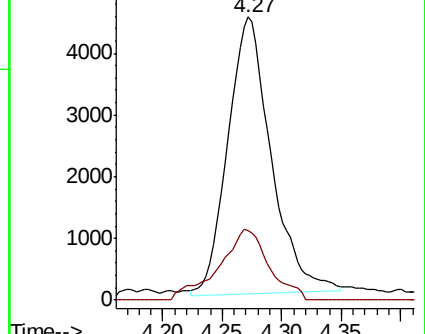
43 100

72 29.7 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: 2.58 ug/L

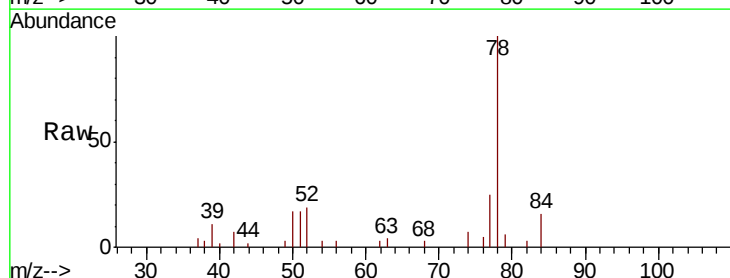
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

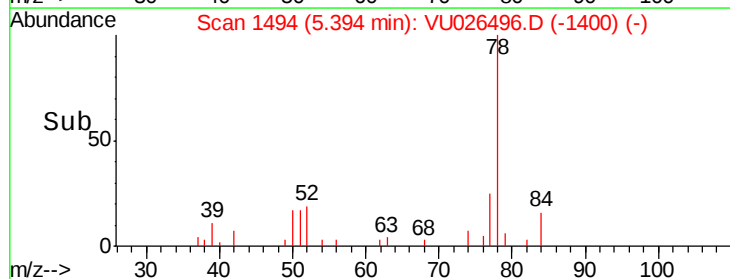
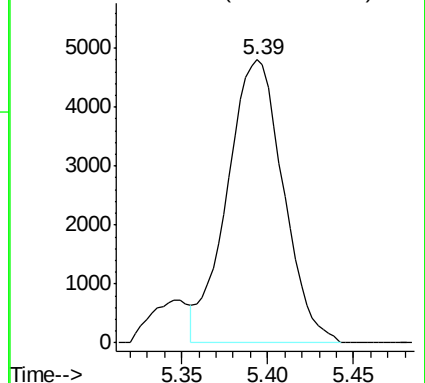
Lab File: VU026496.D

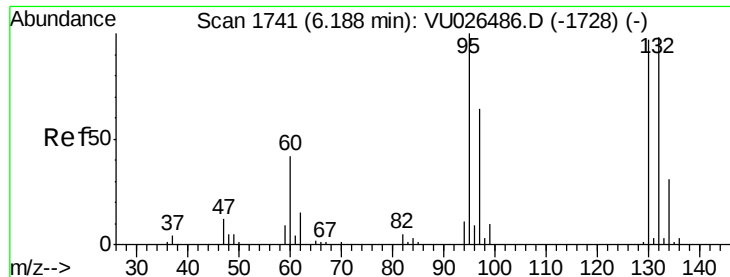
Acq: 31 Aug 2018 13:51

Tgt Ion: 78 Resp: 10901



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 9.18 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026496.D

Acq: 31 Aug 2018 13:51

Instrument :

MSVOA_U

ClientSampleId :

BEE11

Tot Ion: 95 Resp: 9745

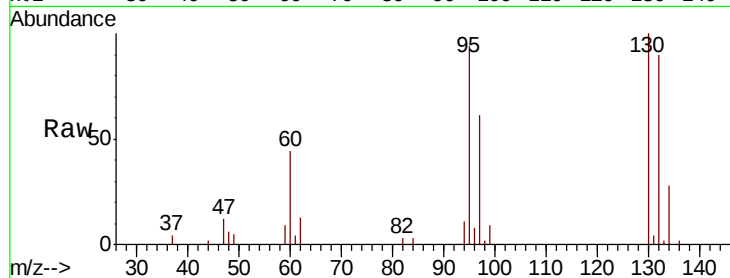
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.7

132 96.1 67.5 125.3

130 106.4 69.3 128.7

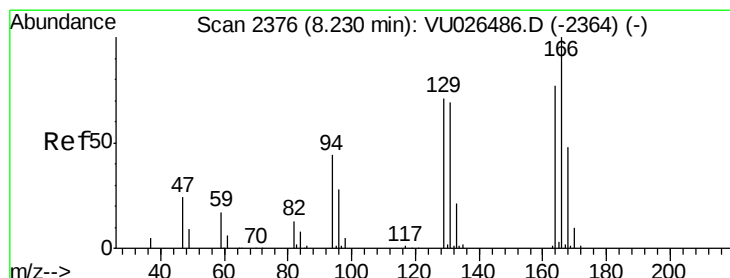
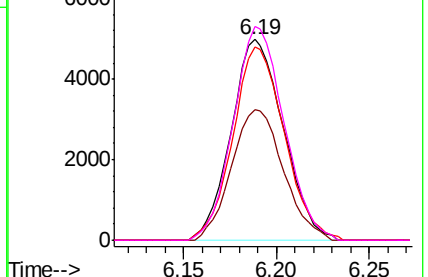
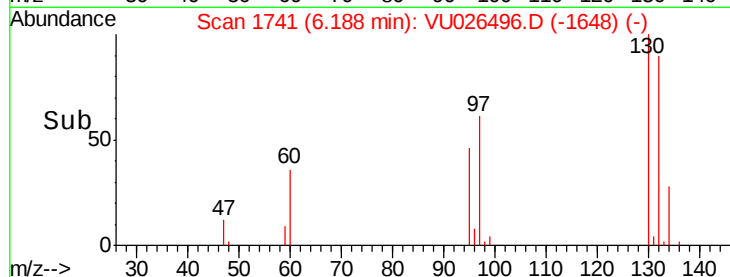


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 112.02 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026496.D

Acq: 31 Aug 2018 13:51

Tgt Ion: 164 Resp: 97227

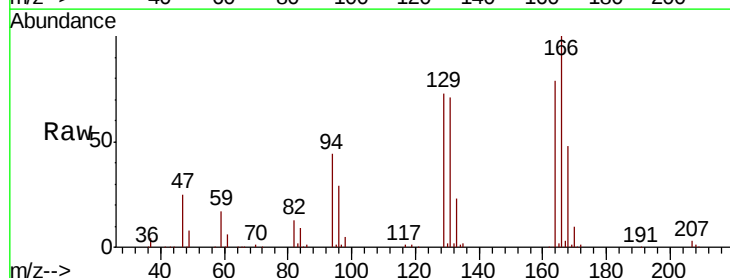
Ion Ratio Lower Upper

164 100

129 92.1 67.3 125.1

131 89.4 65.3 121.3

166 126.1 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

