

Data File : VU026502.D
Acq On : 31 Aug 2018 16:12
Operator : MD/SY
Sample : J4691-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE14

Quant Time: Sep 01 01:04:53 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	157216	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146765	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	65113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41074	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.34%
7) Chloroethane-d5	1.68	69	39647	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.14%
11) 1,1-Dichloroethene-d2	2.27	63	61006	27.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.62%#
21) 2-Butanone-d5	4.18	46	72382	95.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.74%
24) Chloroform-d	4.65	84	84381	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.31	65	58261	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
32) Benzene-d6	5.35	84	169248	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.33	67	58533	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.74%
41) Toluene-d8	7.57	98	154034	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.85	79	22888	43.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.26%
47) 2-Hexanone-d5	8.31	63	54276	101.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79409	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	62923	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds

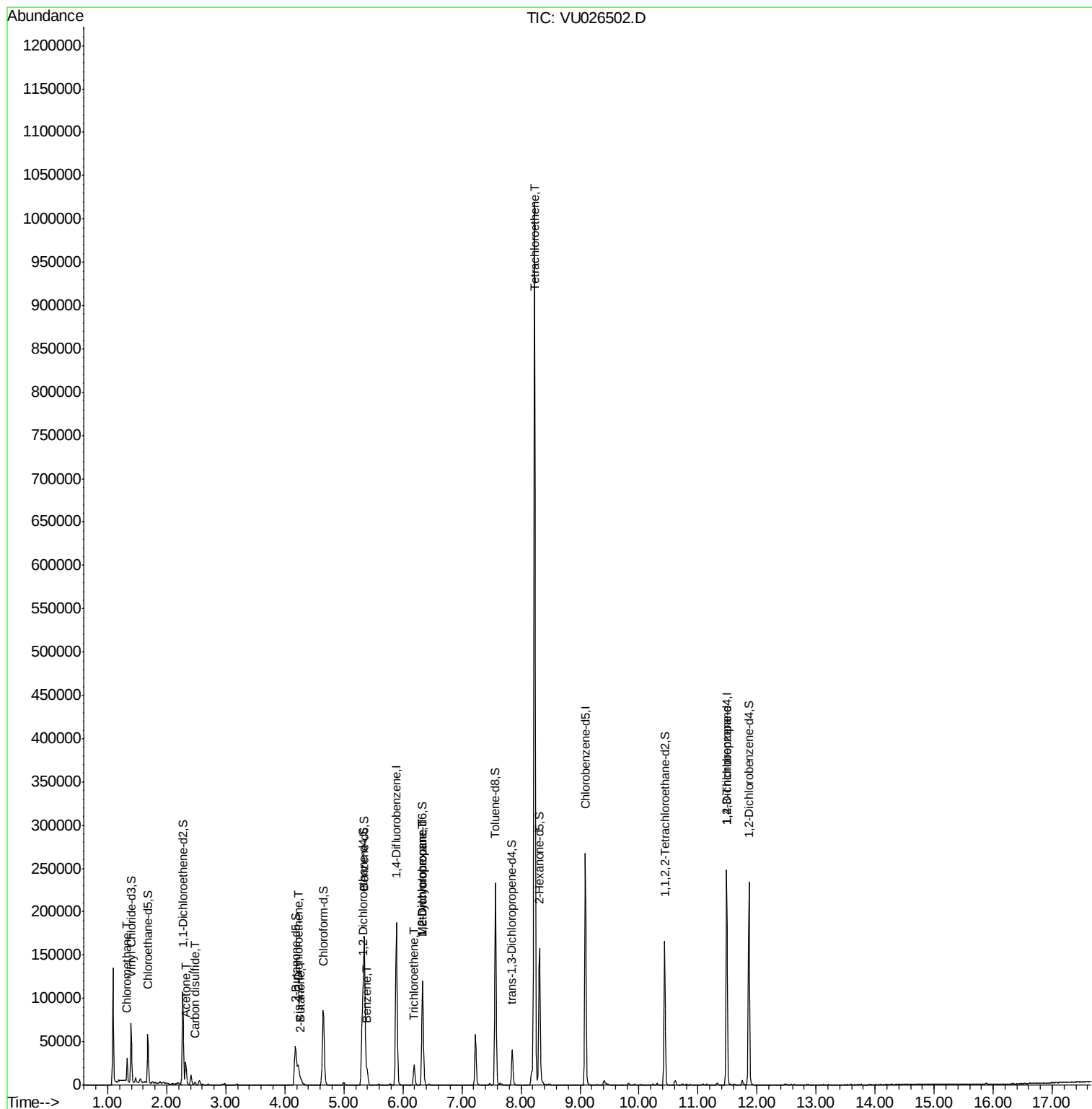
						Qvalue
3) Chloromethane	1.33	50	17387	11.487	ug/L	98
13) Acetone	2.32	43	26596	40.627	ug/L	100
14) Carbon disulfide	2.48	76	4260	1.341	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	10928	9.610	ug/L	100
22) 2-Butanone	4.27	43	11436	12.996	ug/L	98
33) Benzene	5.39	78	16268	3.866	ug/L	100
34) Trichloroethene	6.19	95	8228	7.796	ug/L	96
35) Methylcyclohexane	6.33	83	13028	7.906	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6051	5.195	ug/L #	88
46) Tetrachloroethene	8.23	164	223977	259.574	ug/L	97
59) 1,2,3-Trichloropropane	11.49	75	7895	5.432	ug/L	89

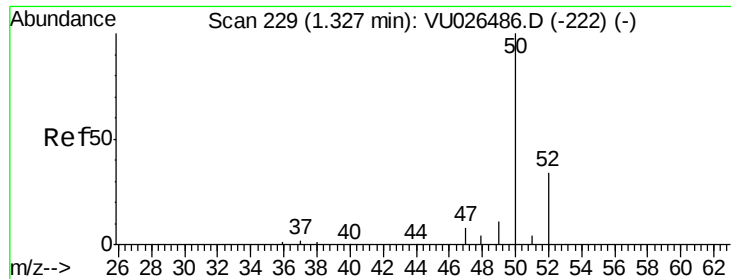
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 11.487 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU026502.D

Acq: 31 Aug 2018 16:12

Instrument :

MSVOA_U

ClientSampled :

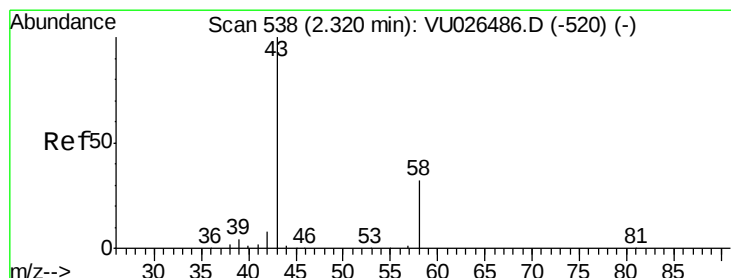
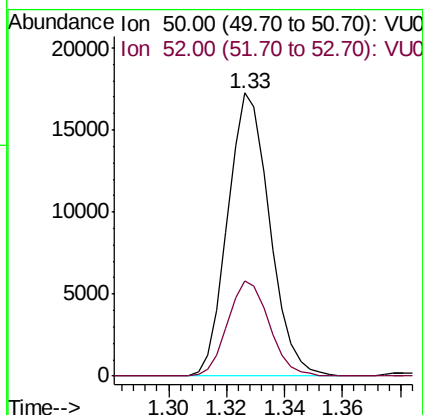
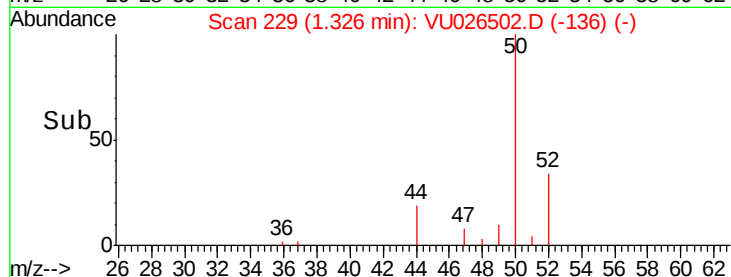
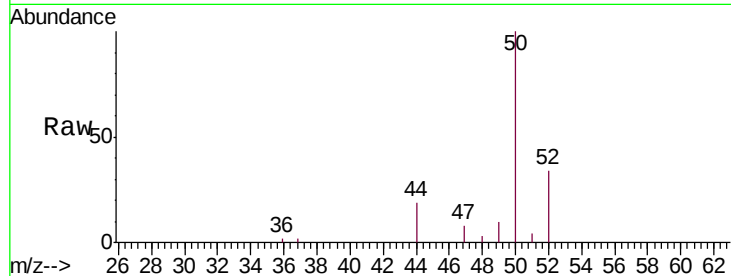
BEE14

Tgt Ion: 50 Resp: 17387

Ion Ratio Lower Upper

50 100

52 33.7 23.0 42.6



#13

Acetone

Concen: 40.627 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026502.D

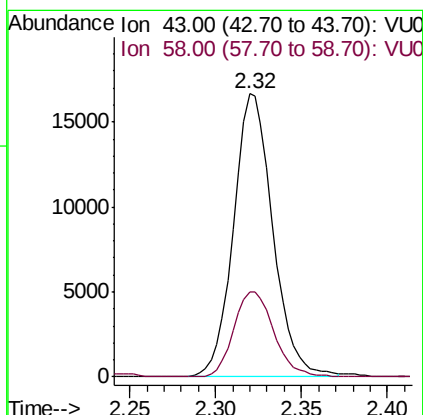
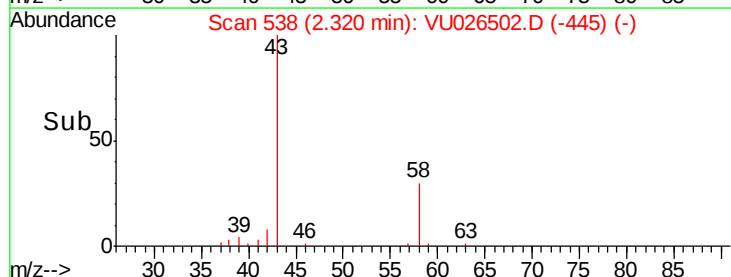
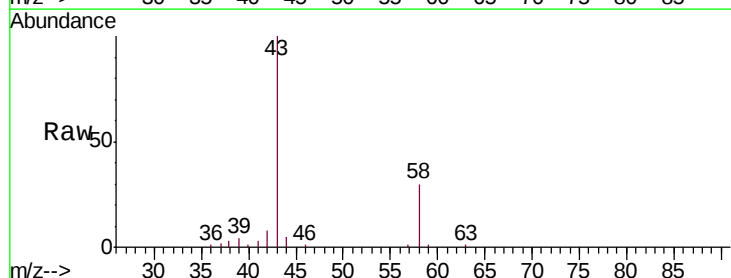
Acq: 31 Aug 2018 16:12

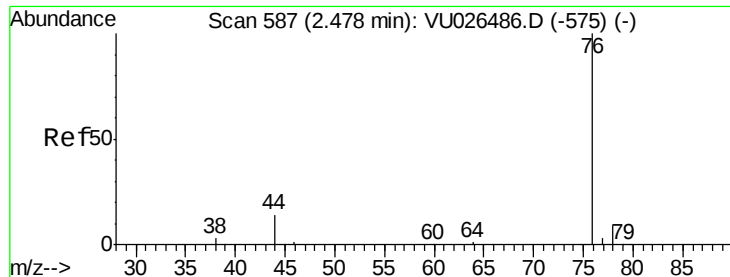
Tgt Ion: 43 Resp: 26596

Ion Ratio Lower Upper

43 100

58 30.6 0.0 61.2

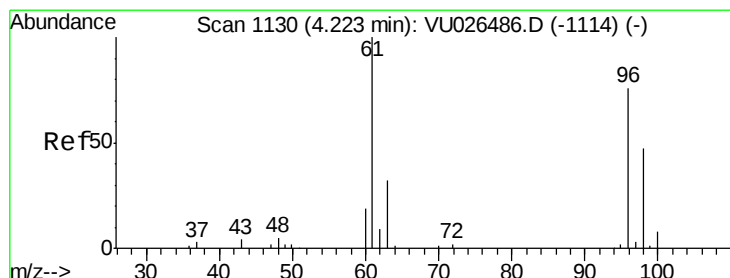
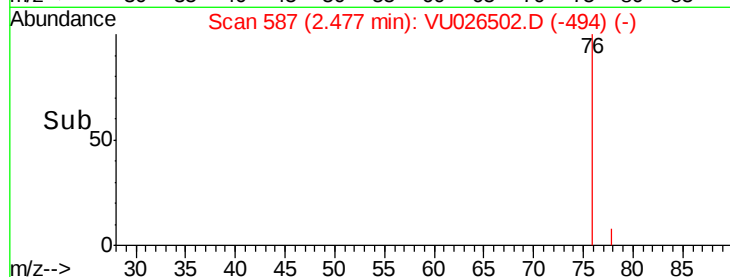
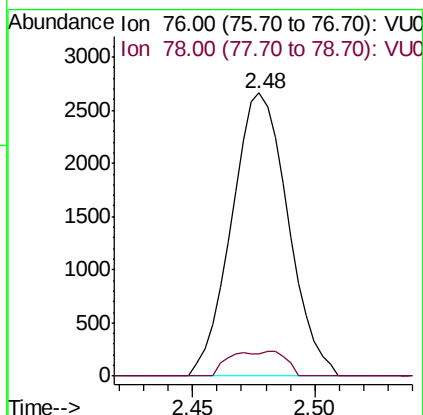
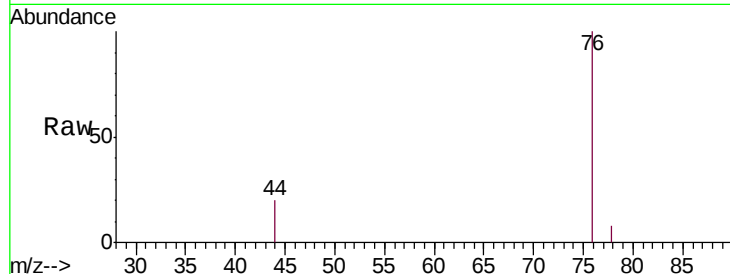




#14
Carbon disulfide
Concen: 1.341 ug/L
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU026502.D
Acq: 31 Aug 2018 16:12

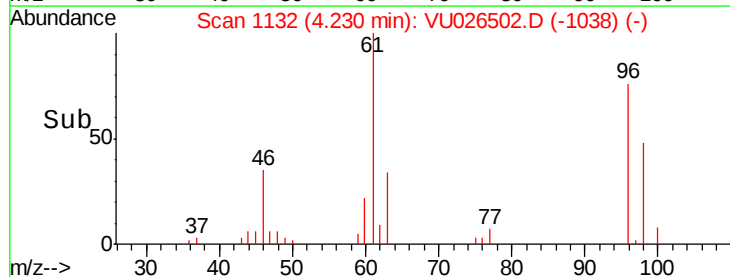
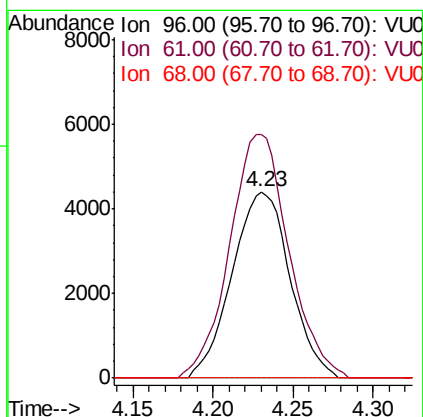
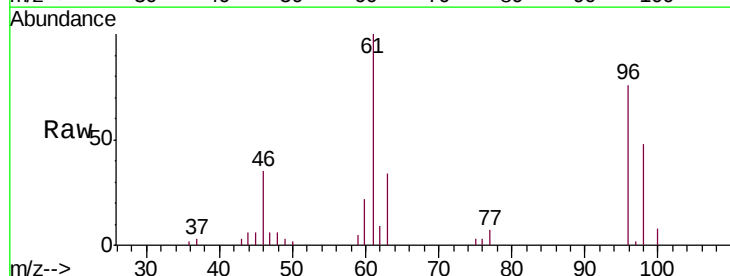
Instrument :
MSVOA_U
ClientSampled :
BEE14

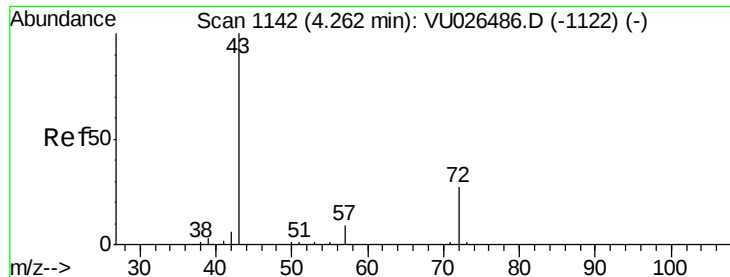
Tgt Ion: 76 Resp: 4260
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#20
cis-1,2-Dichloroethene
Concen: 9.610 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU026502.D
Acq: 31 Aug 2018 16:12

Tgt Ion: 96 Resp: 10928
Ion Ratio Lower Upper
96 100
61 130.8 91.6 170.2
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 12.996 ug/L

RT: 4.27 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VU026502.D

Acq: 31 Aug 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

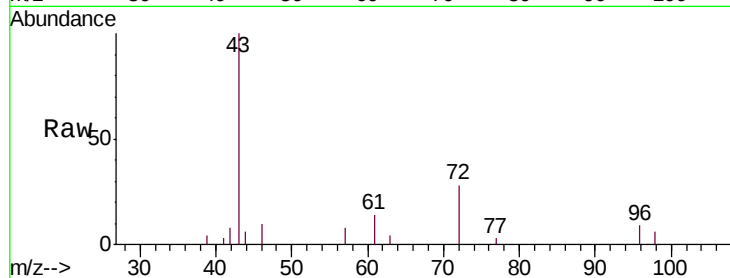
BEE14

Tgt Ion: 43 Resp: 11436

Ion Ratio Lower Upper

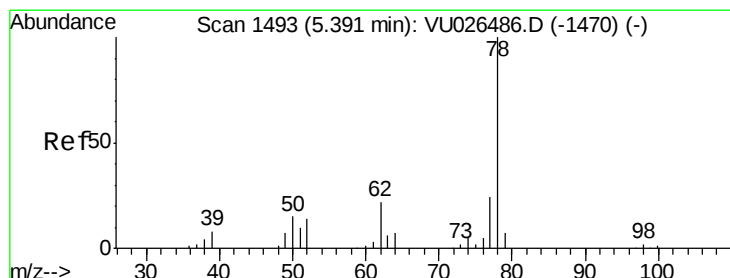
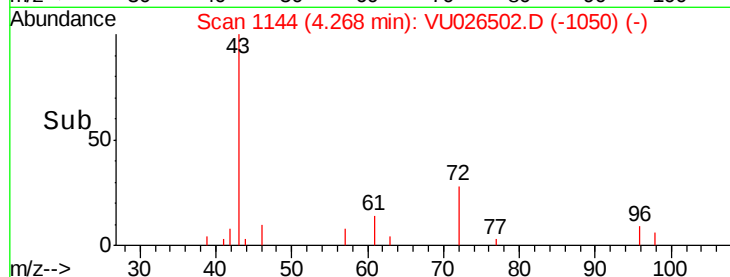
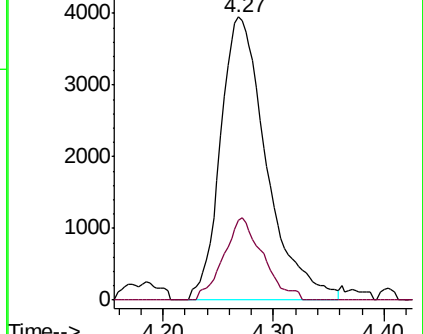
43 100

72 25.0 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: 3.866 ug/L

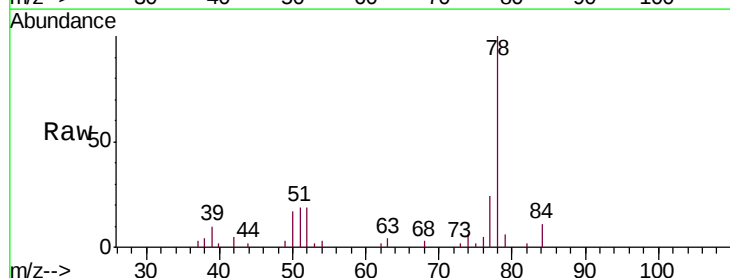
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

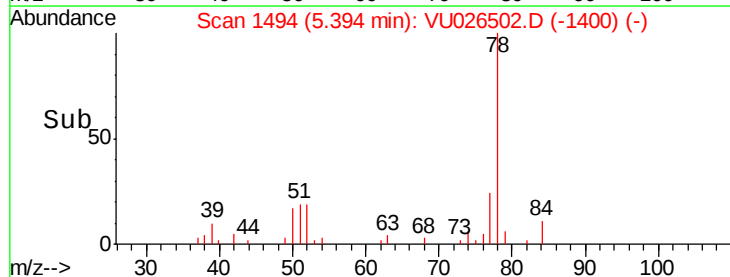
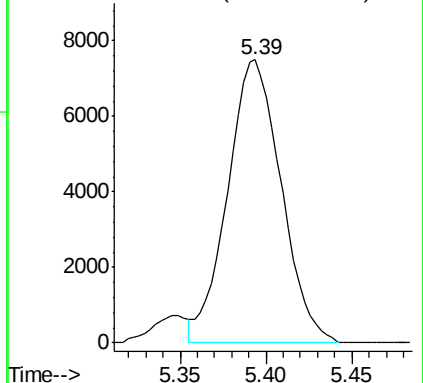
Lab File: VU026502.D

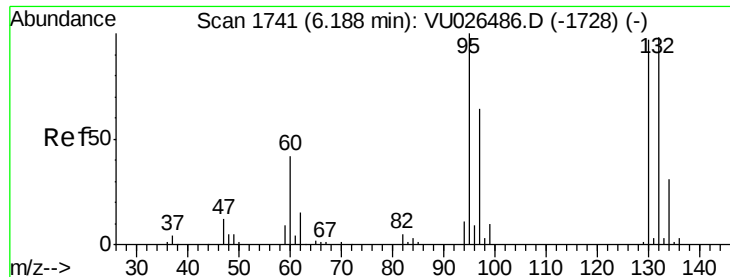
Acq: 31 Aug 2018 16:12

Tgt Ion: 78 Resp: 16268



Abundance Ion 78.00 (77.70 to 78.70): VU0

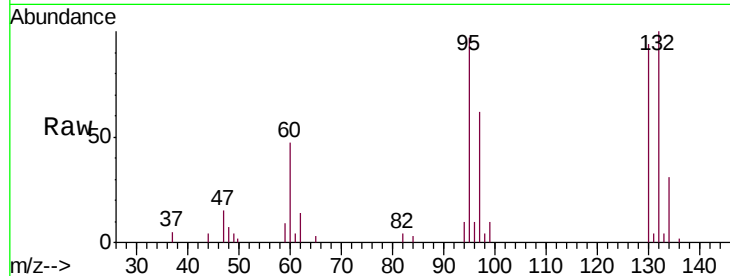




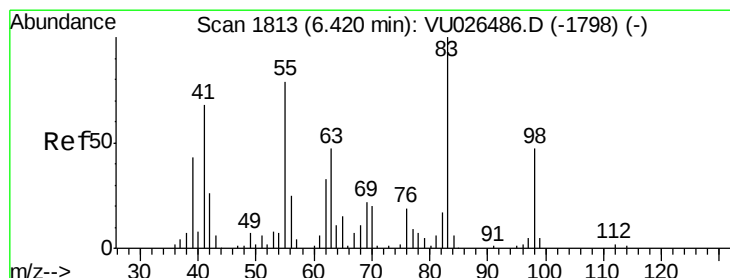
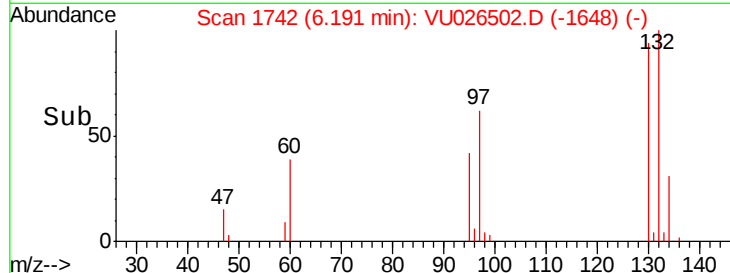
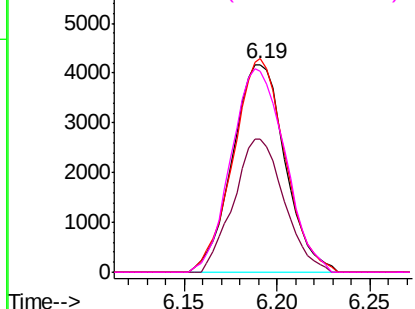
#34
 Trichloroethene
 Concen: 7.796 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU026502.D
 Acq: 31 Aug 2018 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE14

Tgt Ion: 95 Resp: 8228
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.1 83.7
 132 102.8 67.5 125.3
 130 96.6 69.3 128.7

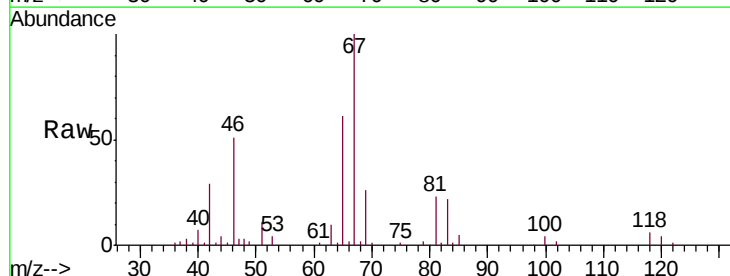


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

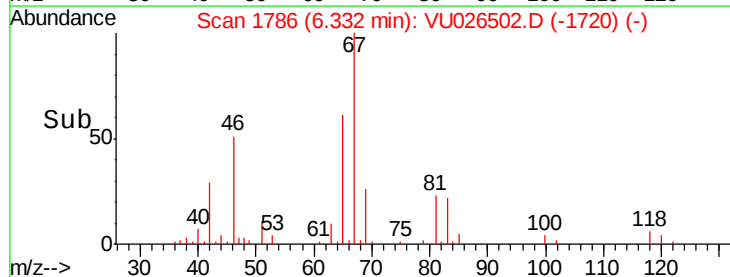
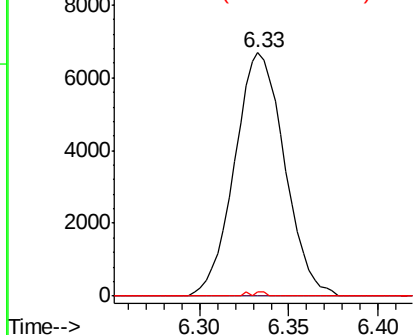


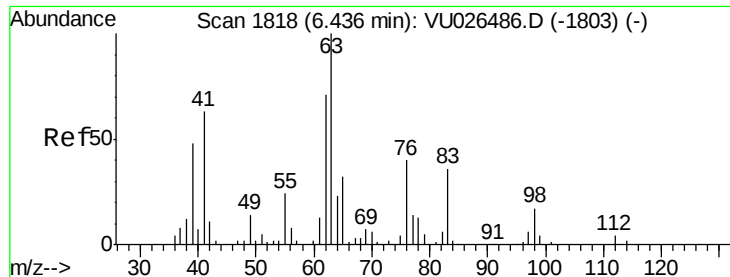
#35
 Methylcyclohexane
 Concen: 7.906 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.09 min
 Lab File: VU026502.D
 Acq: 31 Aug 2018 16:12

Tgt Ion: 83 Resp: 13028
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.3 94.9#
 98 0.3 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

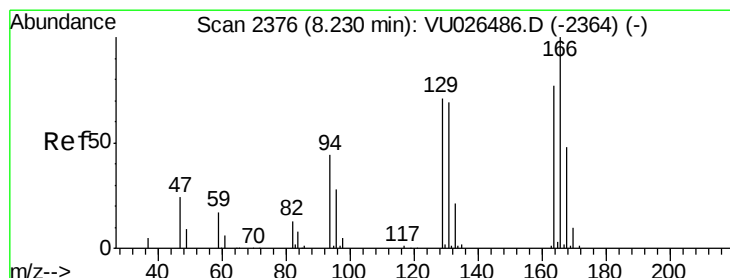
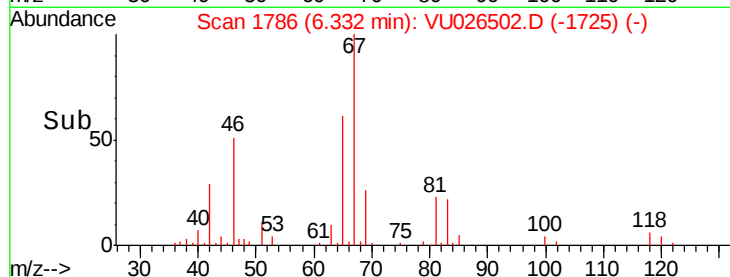
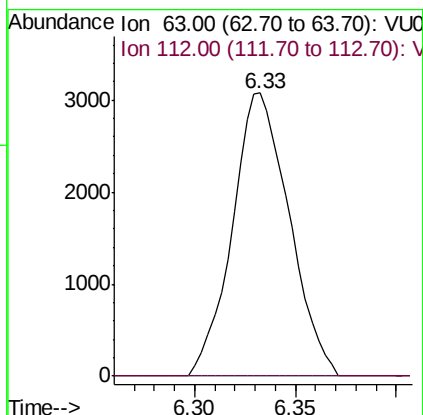
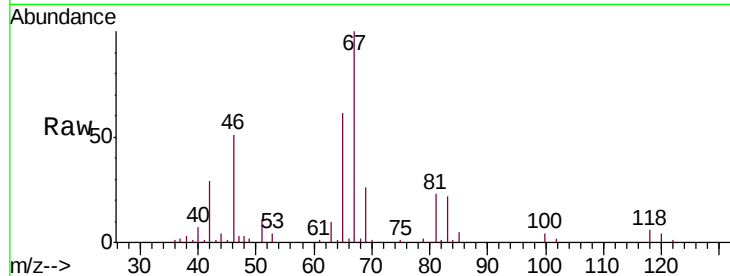




#37
 1,2-Dichloropropane
 Concen: 5.195 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026502.D
 Acq: 31 Aug 2018 16:12

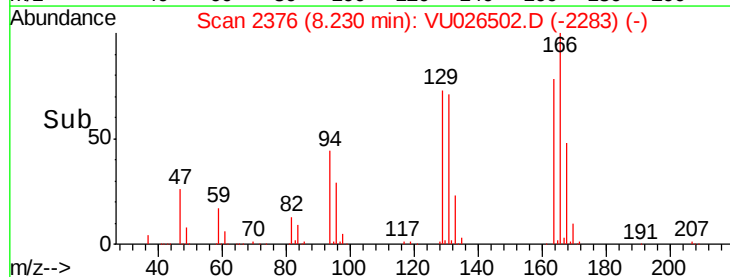
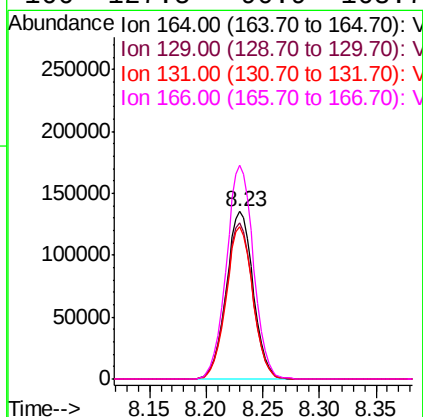
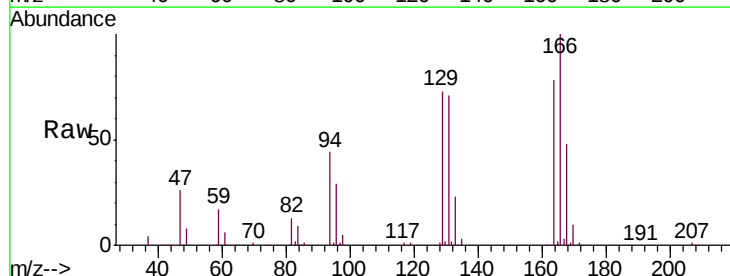
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 ClientSampleId :
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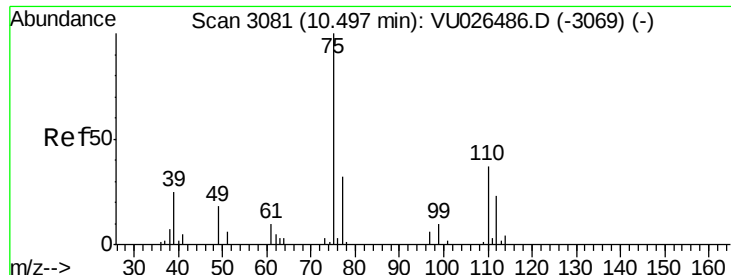
Tgt Ion: 63 Resp: 6051
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 259.574 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU026502.D
 Acq: 31 Aug 2018 16:12

Tgt Ion: 164 Resp: 223977
 Ion Ratio Lower Upper
 164 100
 129 93.2 67.3 125.1
 131 90.6 65.3 121.3
 166 127.5 90.9 168.7





#59

1,2,3-Trichloropropane

Concen: 5.432 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026502.D

Acq: 31 Aug 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

BEE14

Tgt Ion: 75 Resp: 7895

Ion Ratio Lower Upper

75 100

77 37.4 25.0 37.6

