

Data File : VU026500.D
Acq On : 31 Aug 2018 15:26
Operator : MD/SY
Sample : J4691-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE07

Quant Time: Sep 01 01:04:35 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	153825	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145063	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63825	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41794	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.70%
7) Chloroethane-d5	1.68	69	40132	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.24%
11) 1,1-Dichloroethene-d2	2.27	63	61127	28.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.96%#
21) 2-Butanone-d5	4.18	46	72803	98.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	4.65	84	84961	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.31	65	58254	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.34	84	171667	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
36) 1,2-Dichloropropane-d6	6.33	67	58814	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.57	98	156493	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.85	79	23237	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.60%
47) 2-Hexanone-d5	8.31	63	54653	103.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80076	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	64152	55.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

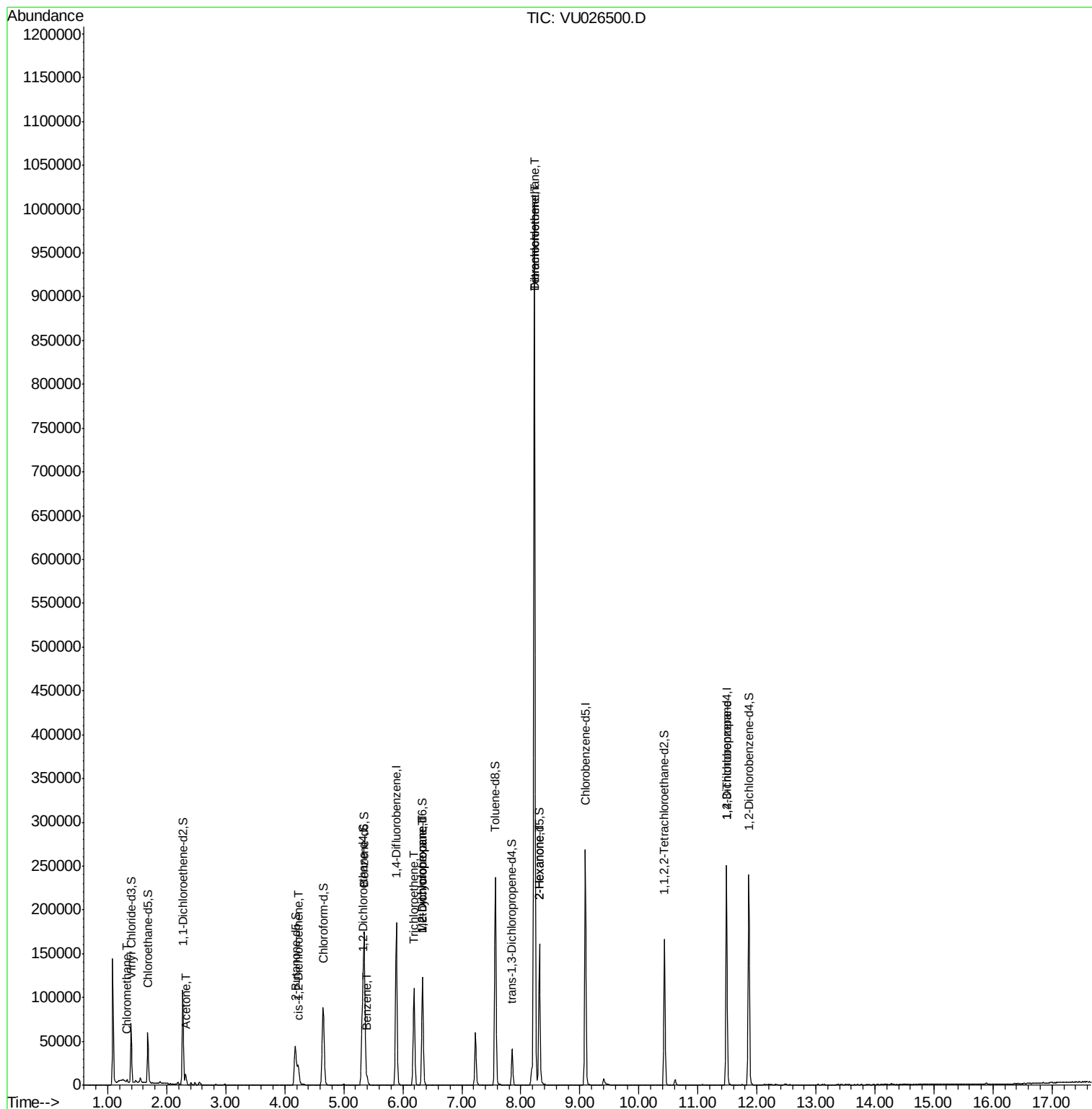
						Qvalue
3) Chloromethane	1.33	50	1830	1.236	ug/L	83
13) Acetone	2.32	43	12811	20.001	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	10800	9.707	ug/L	90
33) Benzene	5.39	78	8182	1.967	ug/L	100
34) Trichloroethene	6.19	95	38449	36.859	ug/L	97
35) Methylcyclohexane	6.33	83	13077	8.028	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6254	5.432	ug/L #	88
46) Tetrachloroethene	8.23	164	222172	260.503	ug/L	97
48) 2-Hexanone	8.31	43	6500	5.315	ug/L #	68
49) Dibromochloromethane	8.23	129	207656	174.734	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7152	4.978	ug/L #	86

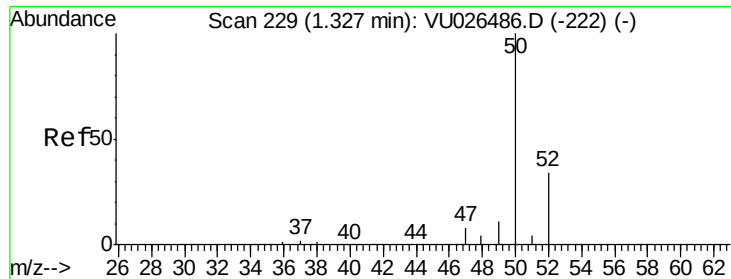
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.236 ug/L

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU026500.D

Acq: 31 Aug 2018 15:26

Instrument :

MSVOA_U

ClientSampleId :

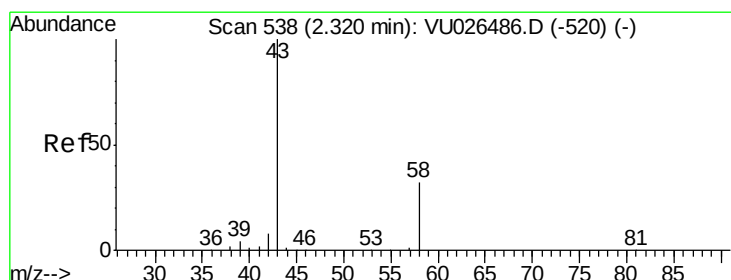
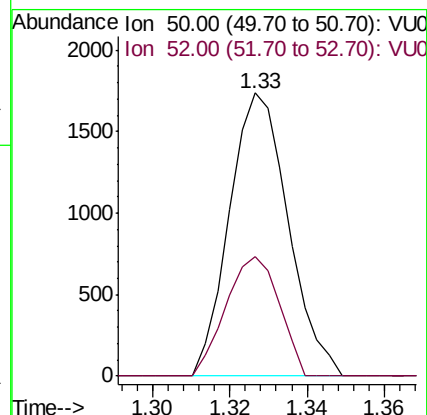
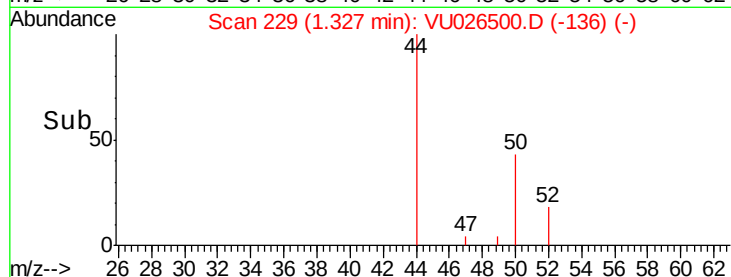
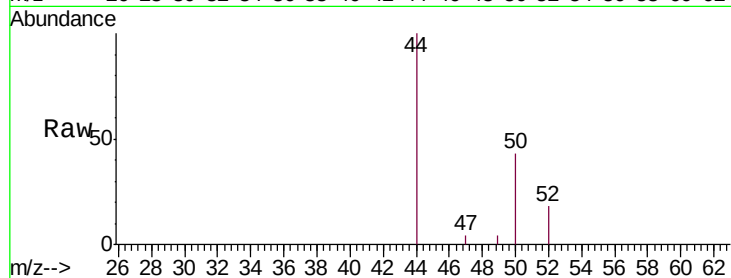
BEE07

Tgt Ion: 50 Resp: 1830

Ion Ratio Lower Upper

50 100

52 42.2 23.0 42.6



#13

Acetone

Concen: 20.001 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026500.D

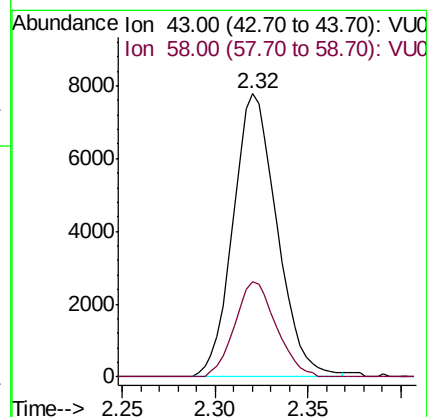
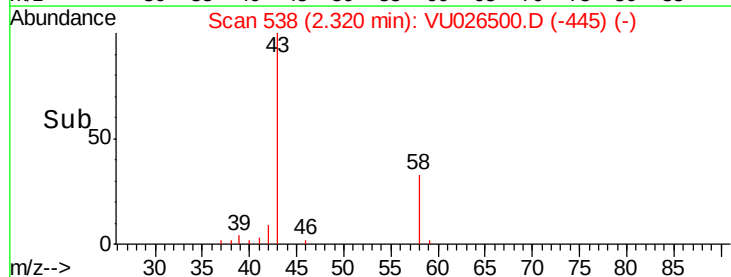
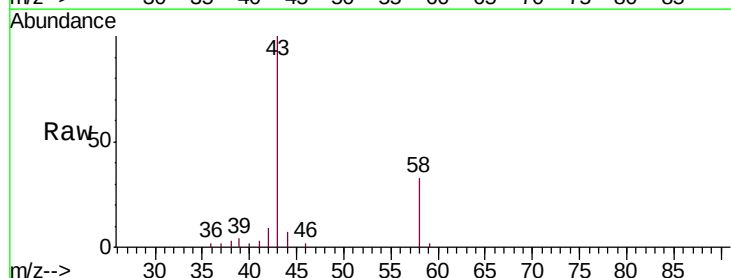
Acq: 31 Aug 2018 15:26

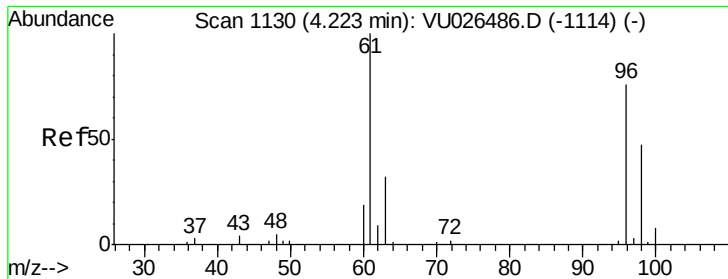
Tgt Ion: 43 Resp: 12811

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.2

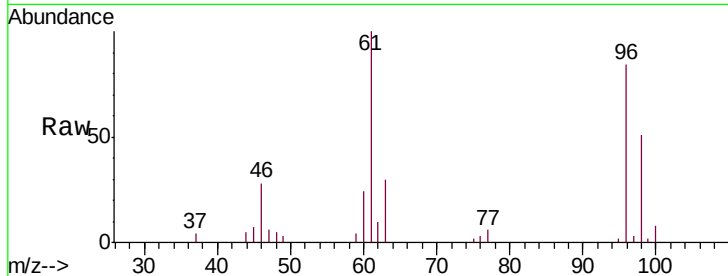




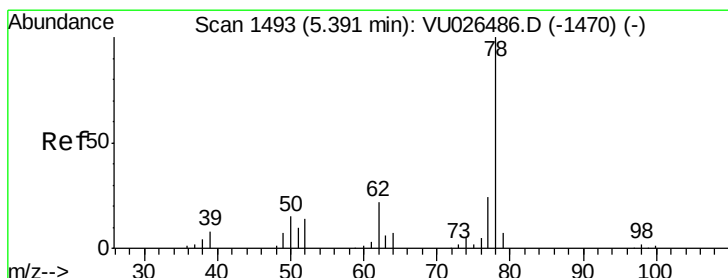
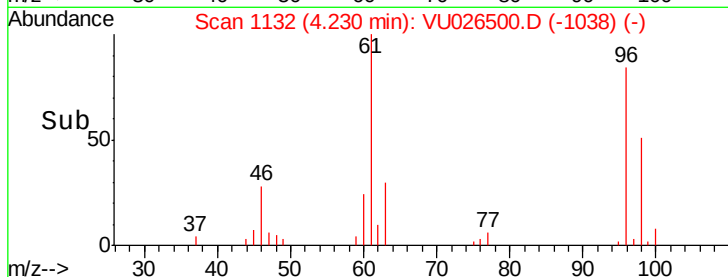
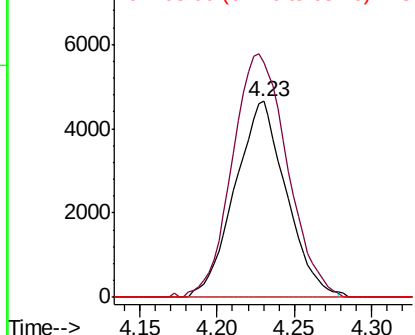
#20
 cis-1,2-Dichloroethene
 Concen: 9.707 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026500.D
 Acq: 31 Aug 2018 15:26

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE07

Tgt Ion: 96 Resp: 10800
 Ion Ratio Lower Upper
 96 100
 61 119.6 91.6 170.2
 68 0.0 0.0 0.0

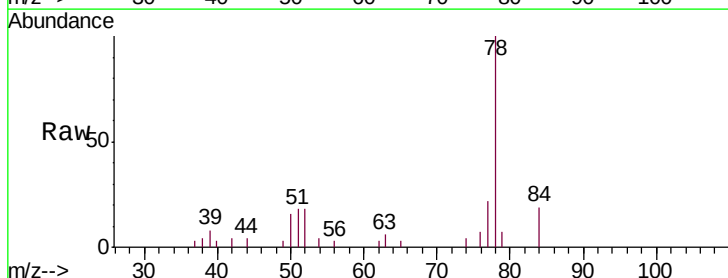


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

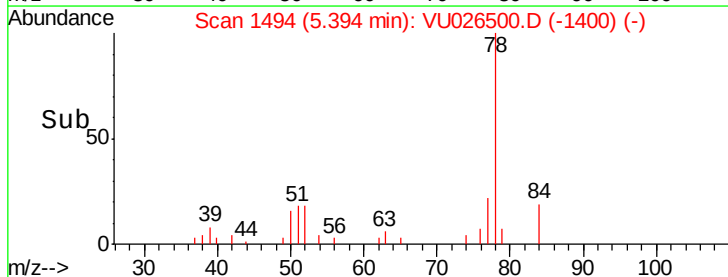
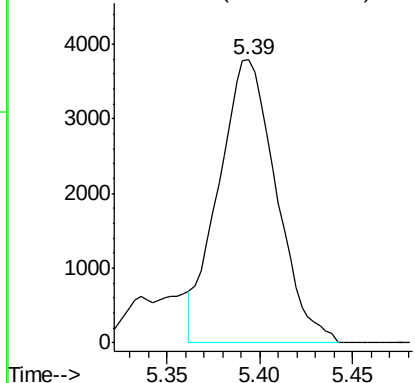


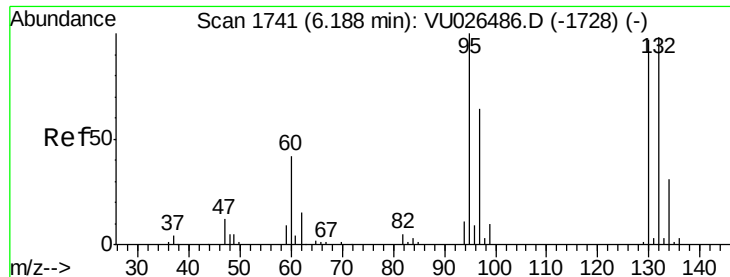
#33
 Benzene
 Concen: 1.967 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU026500.D
 Acq: 31 Aug 2018 15:26

Tgt Ion: 78 Resp: 8182



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 36.859 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026500.D

Acq: 31 Aug 2018 15:26

Instrument :

MSVOA_U

ClientSampleId :

BEE07

Tgt Ion: 95 Resp: 38449

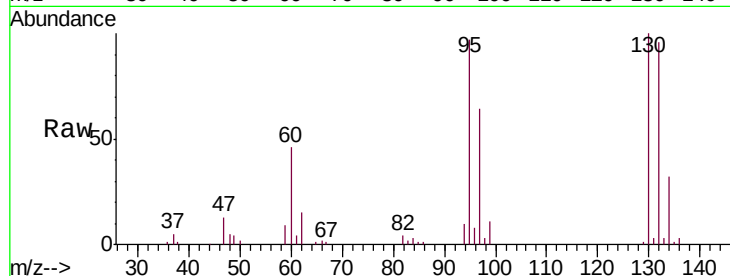
Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.7

132 98.3 67.5 125.3

130 102.6 69.3 128.7

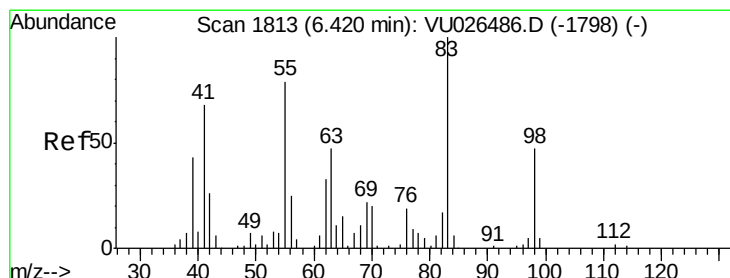
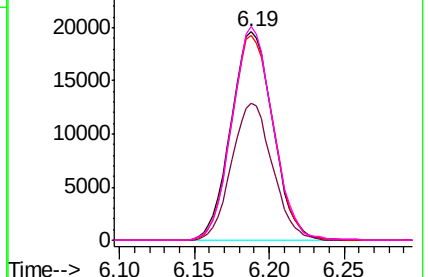
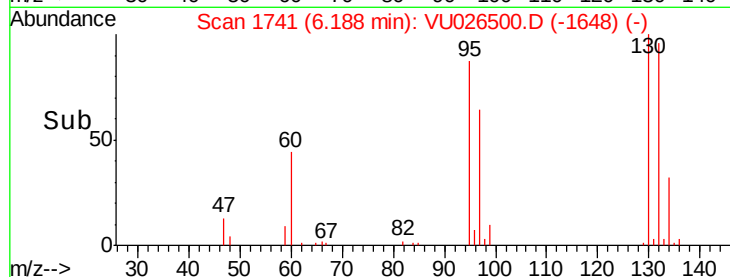


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 8.028 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026500.D

Acq: 31 Aug 2018 15:26

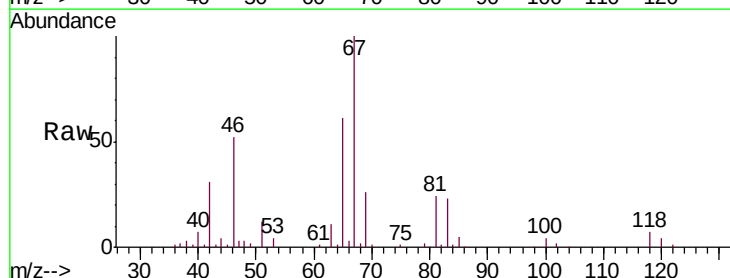
Tgt Ion: 83 Resp: 13077

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

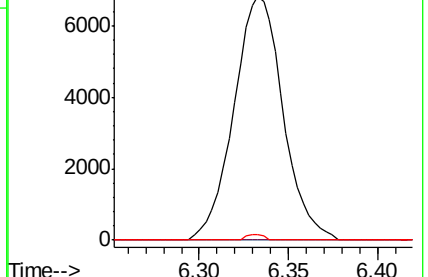
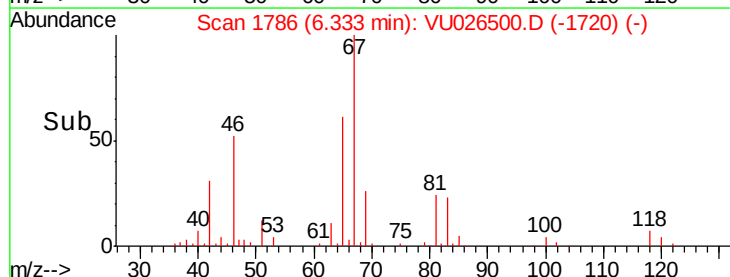
98 0.8 36.7 55.1#

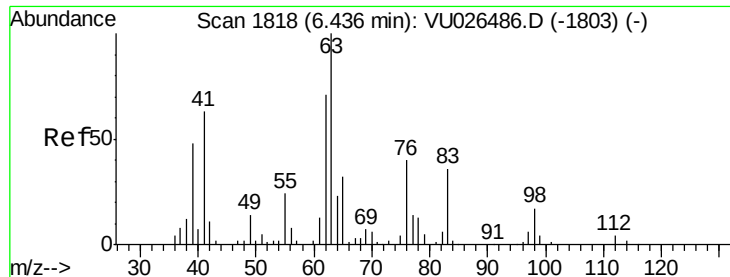


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

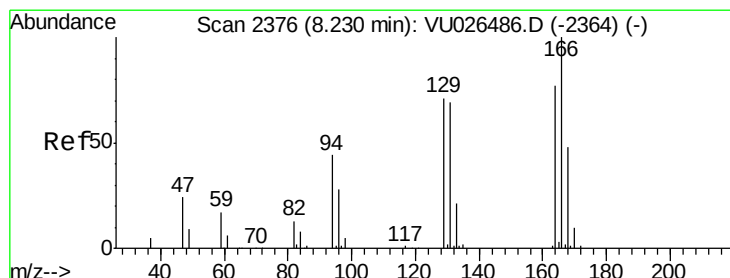
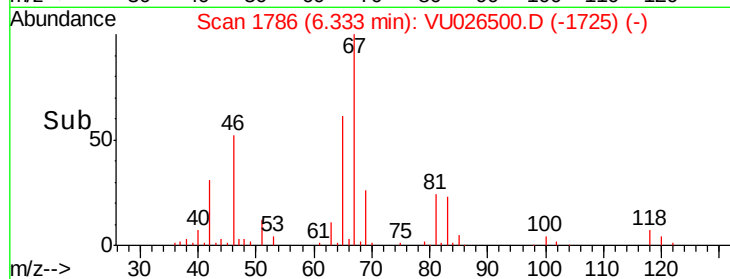
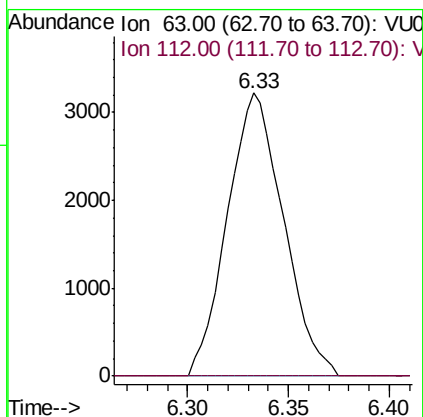
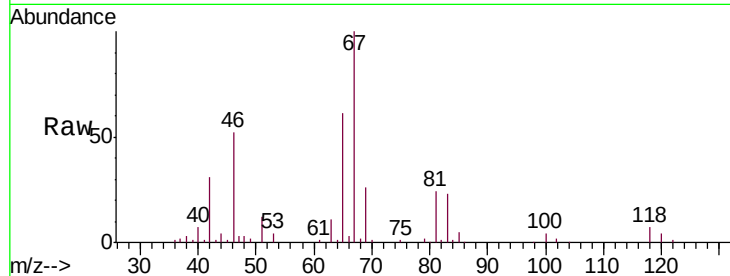




#37
 1,2-Dichloropropane
 Concen: 5.432 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026500.D
 Acq: 31 Aug 2018 15:26

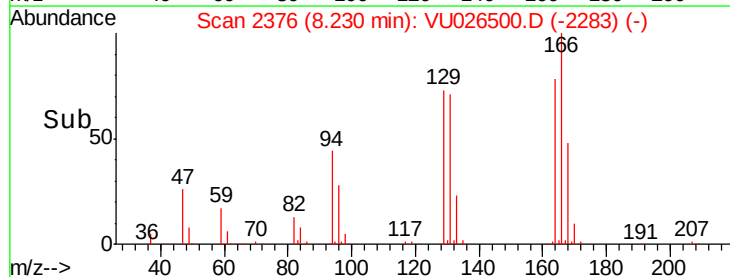
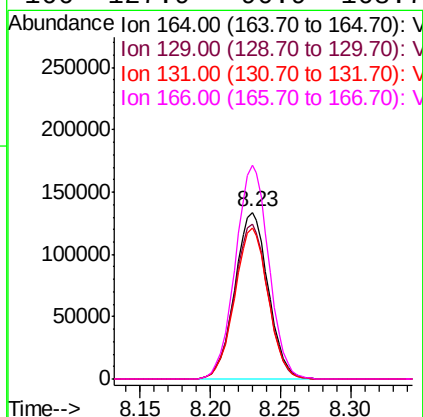
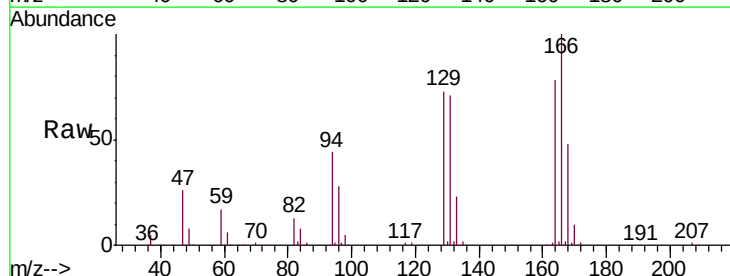
Instrument :
 MSVOA_U
 ClientSampled :
 BEE07

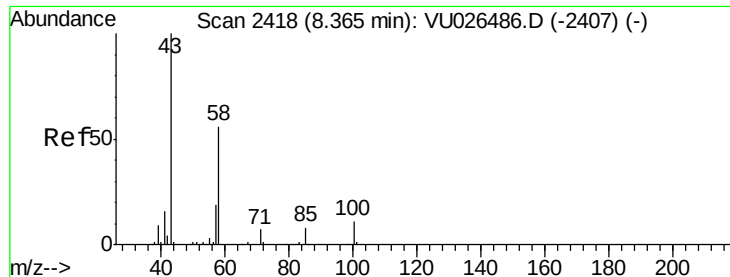
Tgt Ion: 63 Resp: 6254
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 260.503 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026500.D
 Acq: 31 Aug 2018 15:26

Tgt Ion: 164 Resp: 222172
 Ion Ratio Lower Upper
 164 100
 129 92.9 67.3 125.1
 131 90.5 65.3 121.3
 166 127.9 90.9 168.7

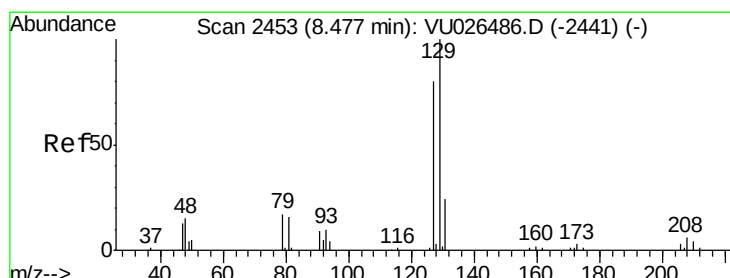
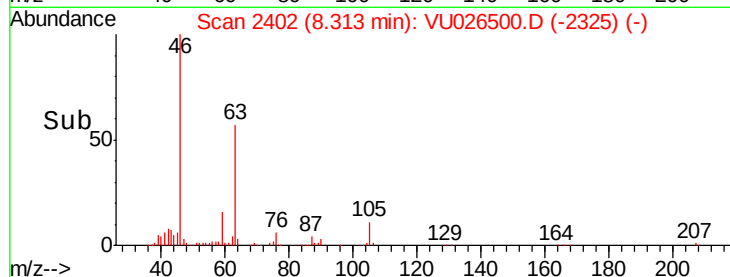
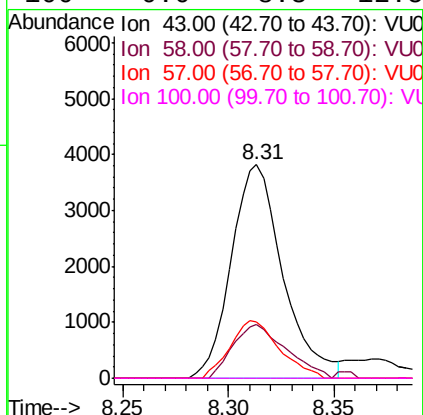
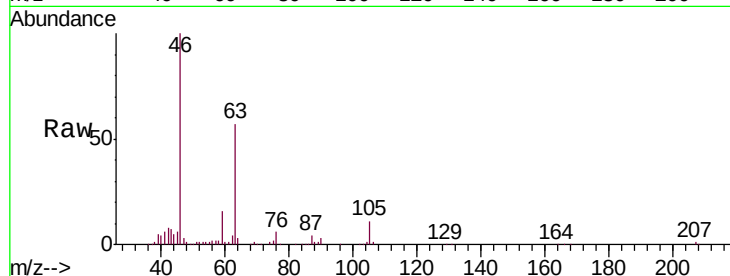




#48
2-Hexanone
Concen: 5.315 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026500.D
Acq: 31 Aug 2018 15:26

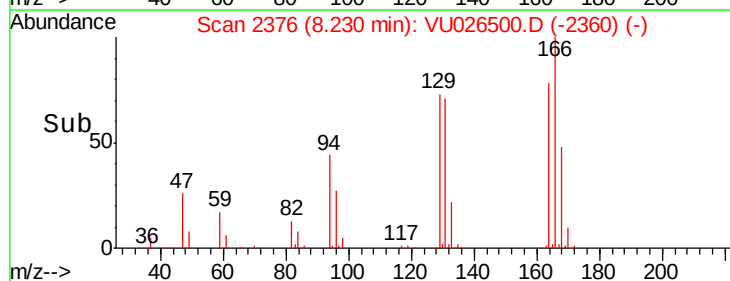
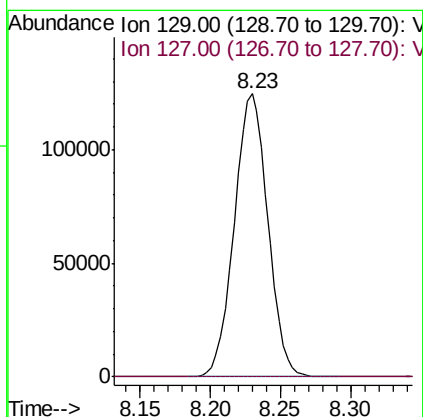
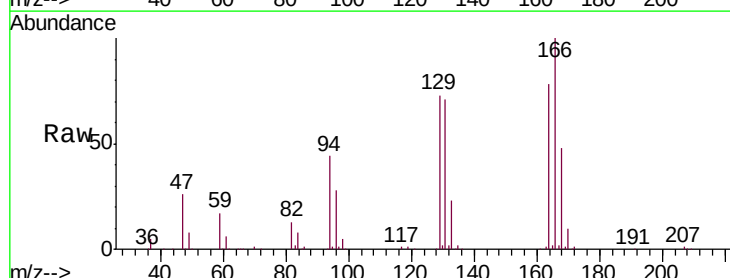
Instrument :
MSVOA_U
ClientSampleId :
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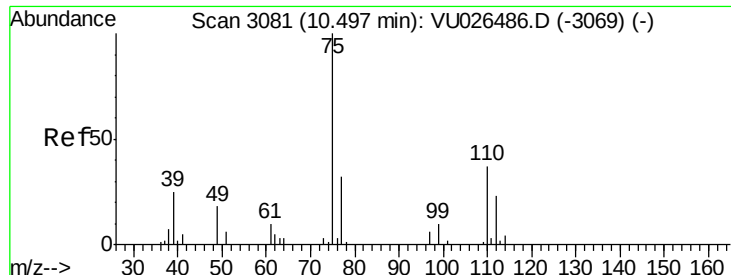
Tgt Ion: 43 Resp: 6500
Ion Ratio Lower Upper
43 100
58 25.8 42.2 63.4#
57 25.6 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 174.734 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026500.D
Acq: 31 Aug 2018 15:26

Tgt Ion: 129 Resp: 207656
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 4.978 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026500.D

Acq: 31 Aug 2018 15:26

Instrument :

MSVOA_U

ClientSampleId :

BEE07

Tgt Ion: 75 Resp: 7152

Ion Ratio Lower Upper

75 100

77 39.2 25.0 37.6#

