

Data File : VU026523.D
Acq On : 04 Sep 2018 14:21
Operator : MD/SY
Sample : J4694-05 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE23

Quant Time: Sep 05 01:12:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:11:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55219	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32401	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.96%
7) Chloroethane-d5	1.68	69	33458	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.86%
11) 1,1-Dichloroethene-d2	2.27	63	42341	24.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.14%#
21) 2-Butanone-d5	4.18	46	80810	133.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.29%#
24) Chloroform-d	4.65	84	77732	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.38%
26) 1,2-Dichloroethane-d4	5.31	65	55959	56.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.94%
32) Benzene-d6	5.35	84	136568	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
36) 1,2-Dichloropropane-d6	6.33	67	53944	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.04%
41) Toluene-d8	7.57	98	113917	42.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.94%
43) trans-1,3-Dichloropropene-	7.85	79	17808	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.72%
47) 2-Hexanone-d5	8.32	63	61734	141.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.02%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83192	59.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	52068	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%

Target Compounds

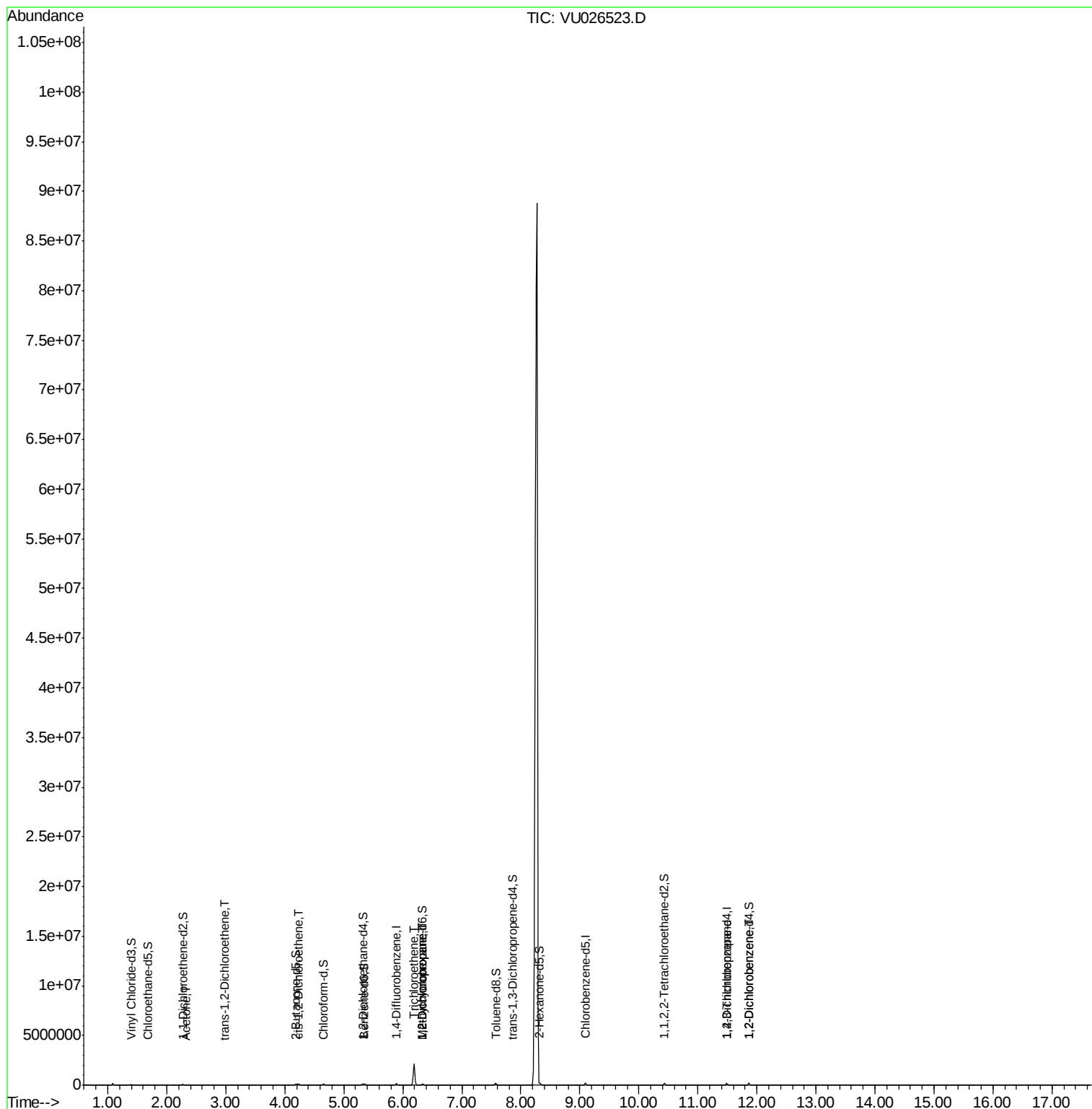
					Qvalue
13) Acetone	2.32	43	4119	7.846 ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	1109	1.362 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	65878	72.246 ug/L	100
34) Trichloroethene	6.19	95	737064	850.246 ug/L	98
35) Methylcyclohexane	6.33	83	12115	8.950 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	5626	5.880 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	6379	5.343 ug/L	93
65) 1,2-Dichlorobenzene	11.88	146	2431	1.426 ug/L #	87

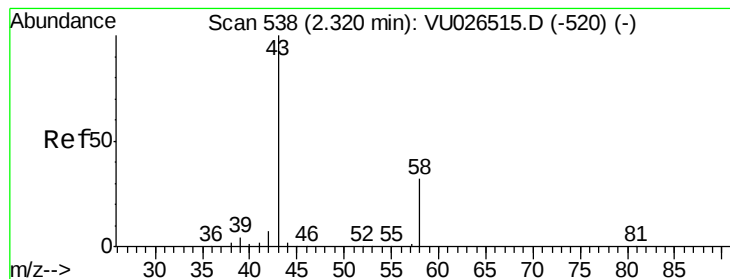
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.846 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026523.D

Acq: 04 Sep 2018 14:21

Instrument :

MSVOA_U

ClientSampleId :

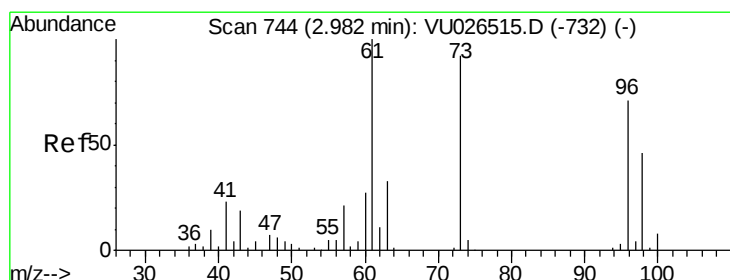
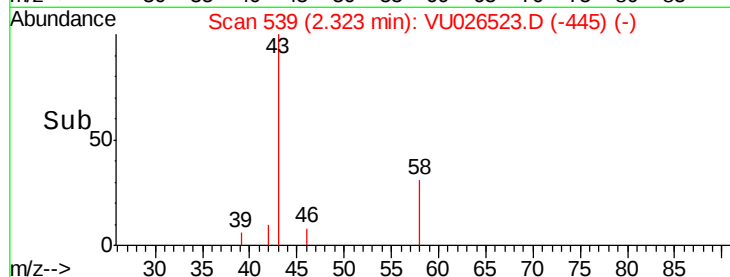
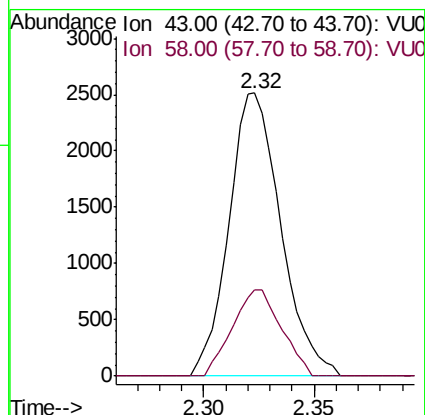
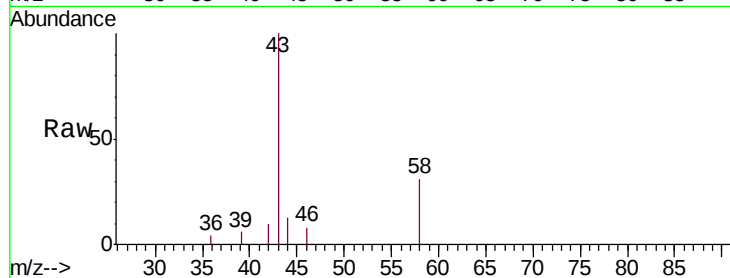
BEE23

Tgt Ion: 43 Resp: 4119

Ion Ratio Lower Upper

43 100

58 28.7 0.0 61.2



#17

trans-1,2-Dichloroethene

Concen: 1.362 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

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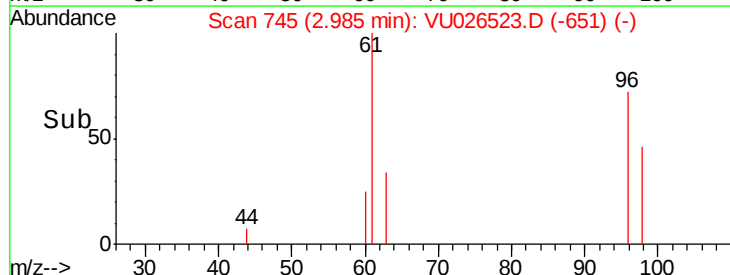
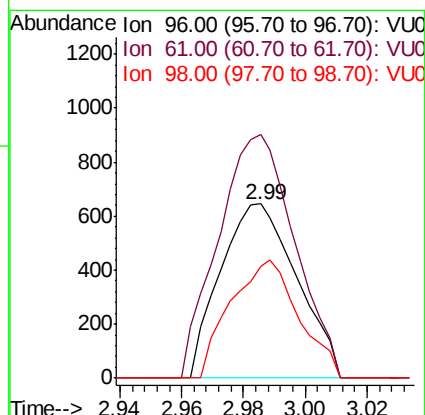
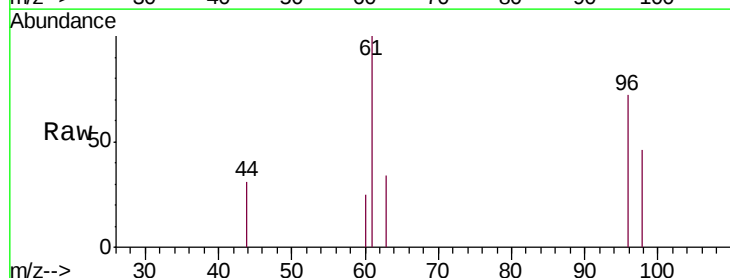
Tgt Ion: 96 Resp: 1109

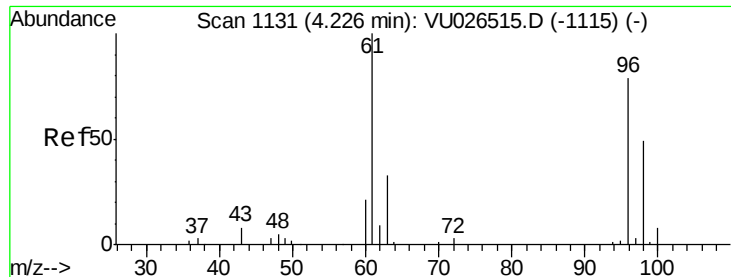
Ion Ratio Lower Upper

96 100

61 139.6 103.2 191.6

98 63.8 44.9 83.3

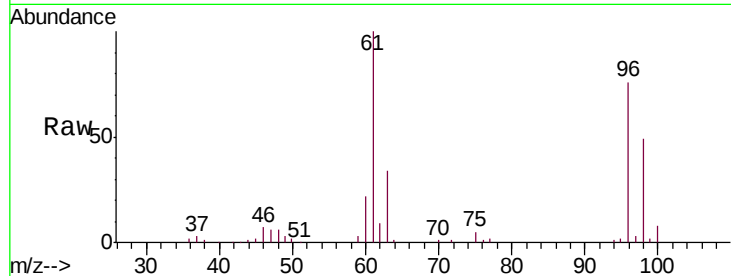




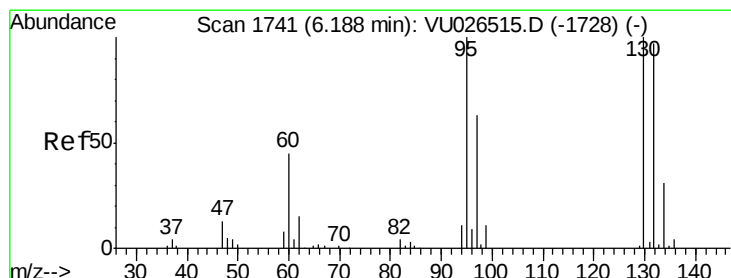
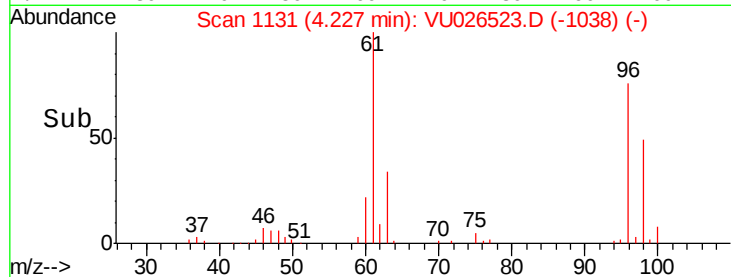
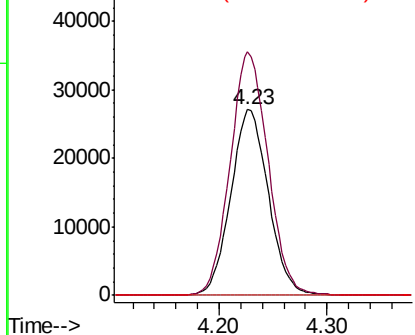
#20
 cis-1,2-Dichloroethene
 Concen: 72.246 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026523.D
 Acq: 04 Sep 2018 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE23

Tgt Ion: 96 Resp: 65878
 Ion Ratio Lower Upper
 96 100
 61 131.1 91.6 170.2
 68 0.0 0.0 0.0

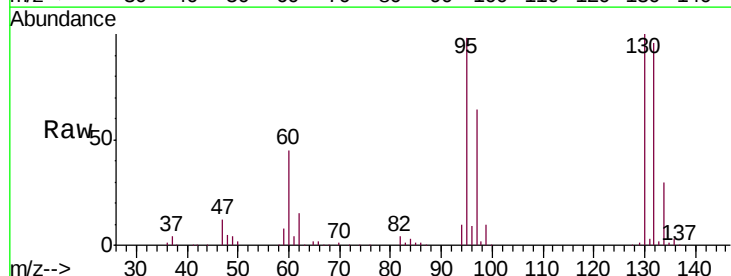


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

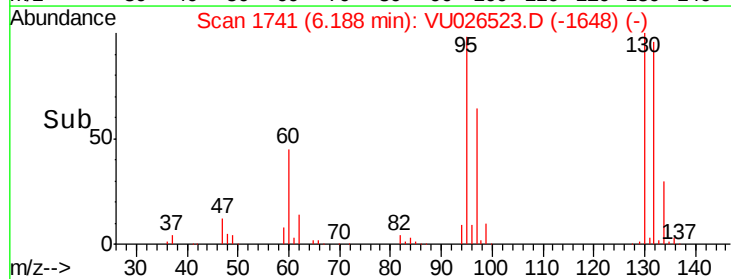
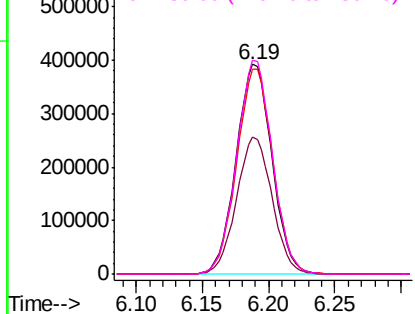


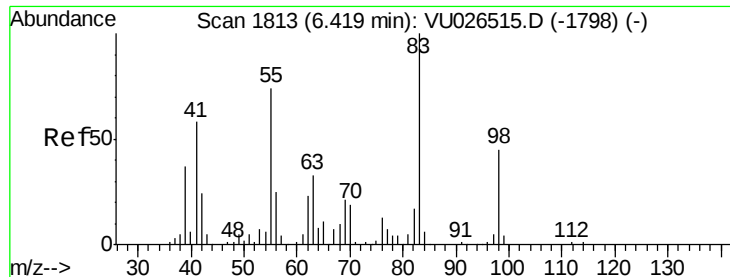
#34
 Trichloroethene
 Concen: 850.246 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026523.D
 Acq: 04 Sep 2018 14:21

Tgt Ion: 95 Resp: 737064
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.1 83.7
 132 97.5 67.5 125.3
 130 101.9 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

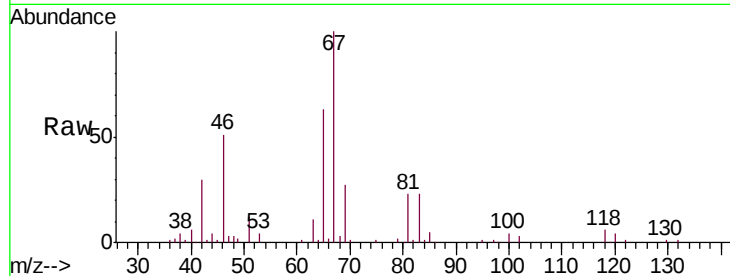




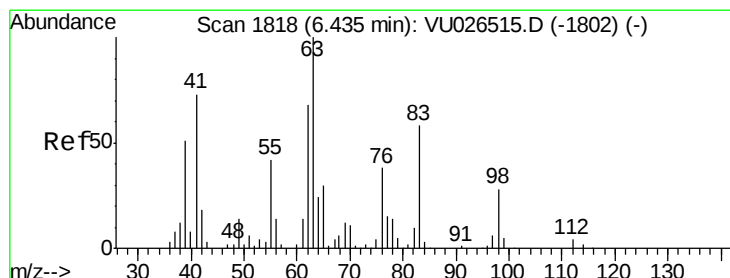
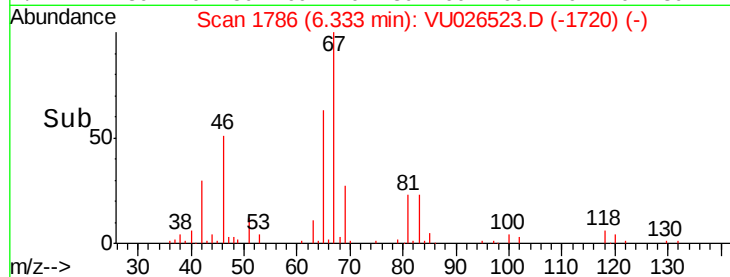
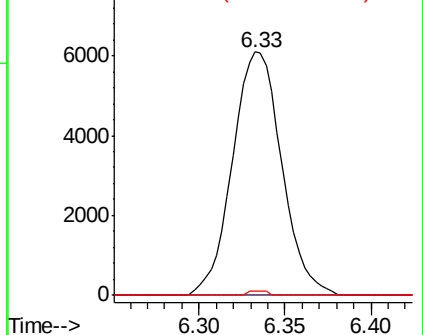
#35
Methylcyclohexane
Concen: 8.950 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026523.D
Acq: 04 Sep 2018 14:21

Instrument :
MSVOA_U
ClientSampled :
BEE23

Tgt Ion: 83 Resp: 12115
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.5 36.7 55.1#

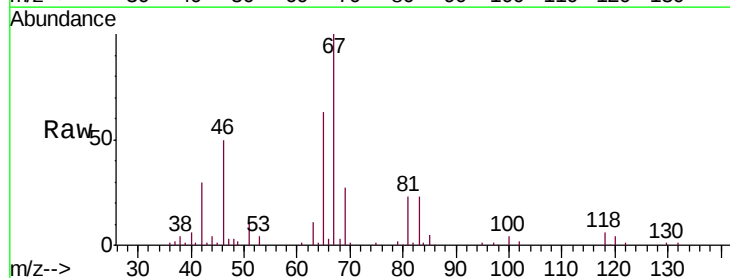


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

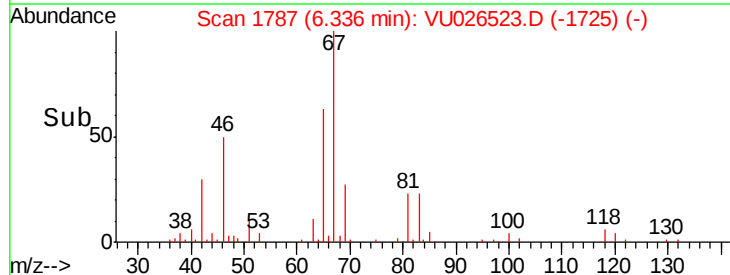
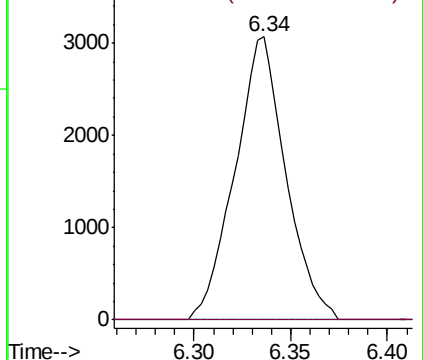


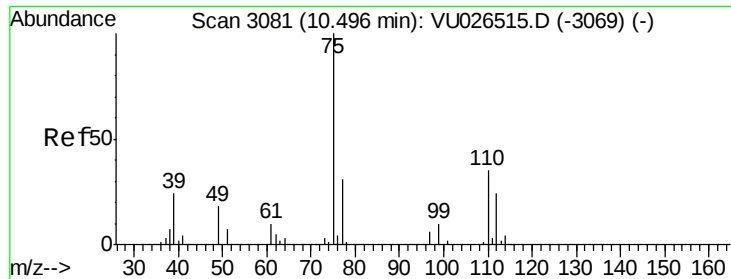
#37
1,2-Dichloropropane
Concen: 5.880 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026523.D
Acq: 04 Sep 2018 14:21

Tgt Ion: 63 Resp: 5626
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

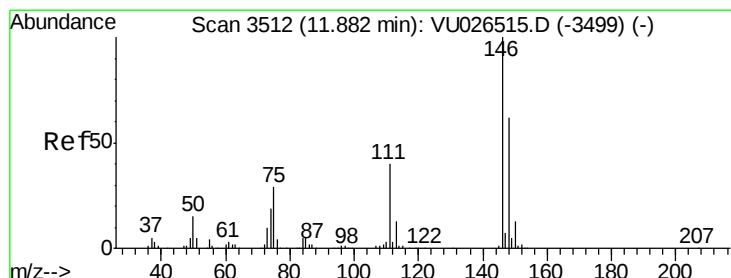
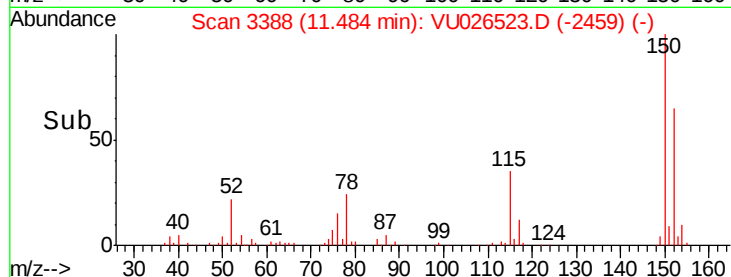
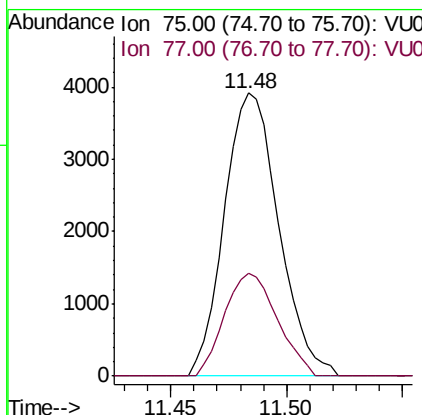
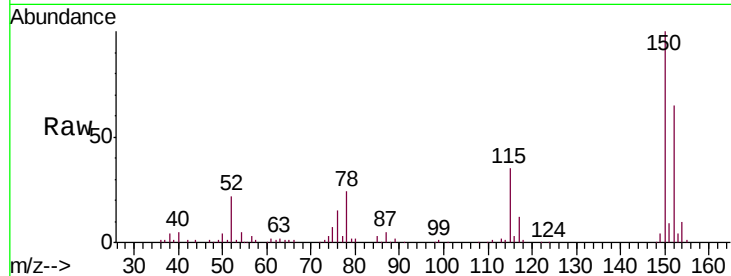




#59
 1,2,3-Trichloropropane
 Concen: 5.343 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026523.D
 Acq: 04 Sep 2018 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE23

Tgt Ion: 75 Resp: 6379
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.0 37.6



#65
 1,2-Dichlorobenzene
 Concen: 1.426 ug/L
 RT: 11.88 min Scan# 3511
 Delta R.T. 0.00 min
 Lab File: VU026523.D
 Acq: 04 Sep 2018 14:21

Tgt Ion: 146 Resp: 2431
 Ion Ratio Lower Upper
 146 100
 111 52.4 32.0 48.0#
 148 56.3 50.2 75.2

