

Data File : VU026543.D
Acq On : 05 Sep 2018 14:09
Operator : MD/SY
Sample : J4694-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE32

Quant Time: Sep 06 04:39:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66271	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39844	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.30%
7) Chloroethane-d5	1.68	69	39225	42.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.36%
11) 1,1-Dichloroethene-d2	2.27	63	57587	25.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.26%#
21) 2-Butanone-d5	4.18	46	77599	98.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.25%
24) Chloroform-d	4.65	84	88217	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.31	65	60002	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.35	84	170266	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
36) 1,2-Dichloropropane-d6	6.33	67	60678	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.57	98	152612	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.85	79	15793	28.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.92%#
47) 2-Hexanone-d5	8.31	63	52955	95.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85071	47.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	60525	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

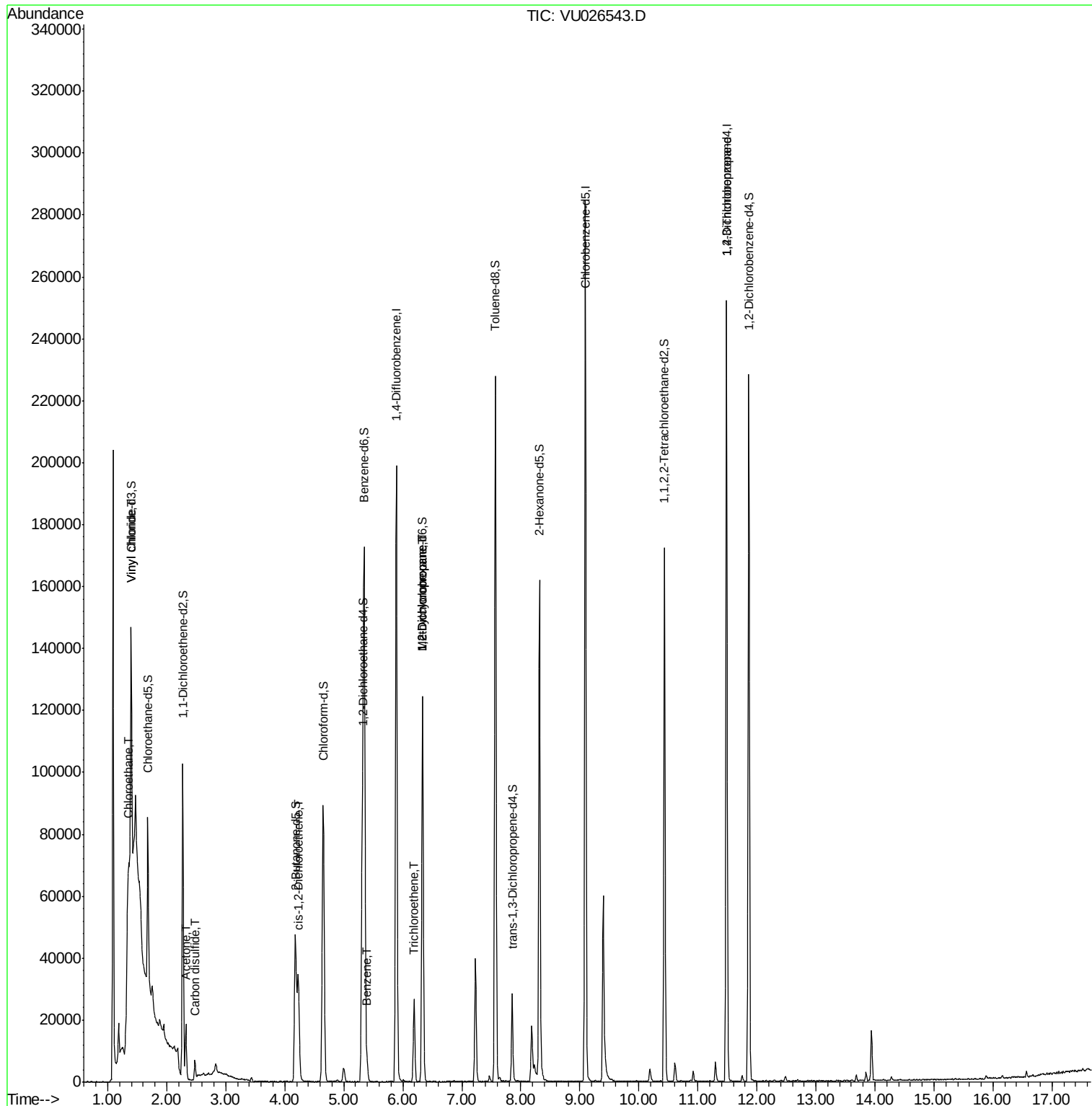
					Qvalue
5) Vinyl chloride	1.40	62	2521	1.471 ug/L #	1
8) Chloroethane	1.36	64	135540	131.679 ug/L #	52
13) Acetone	2.32	43	17735	25.931 ug/L	99
14) Carbon disulfide	2.48	76	8624	2.599 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	17318	14.578 ug/L	95
33) Benzene	5.39	78	6531	1.484 ug/L	100
34) Trichloroethene	6.19	95	9123	8.266 ug/L	93
35) Methylcyclohexane	6.33	83	13134	7.621 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	6520	5.353 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	7776	5.116 ug/L #	86

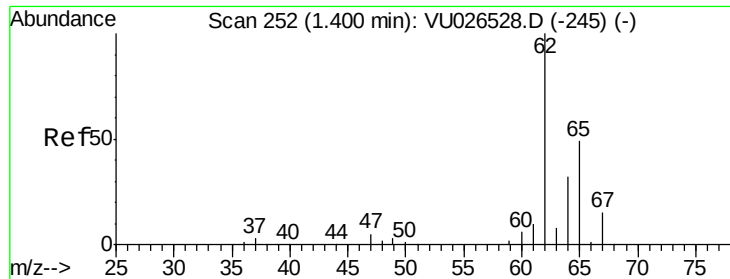
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026543.D
Acq On : 05 Sep 2018 14:09
Operator : MD/SY
Sample : J4694-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE32

Quant Time: Sep 06 04:39:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.471 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026543.D

Acq: 05 Sep 2018 14:09

Instrument :

MSVOA_U

ClientSampled :

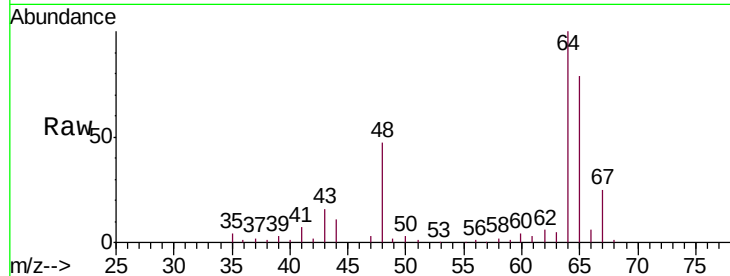
BEE32

Tgt Ion: 62 Resp: 2521

Ion Ratio Lower Upper

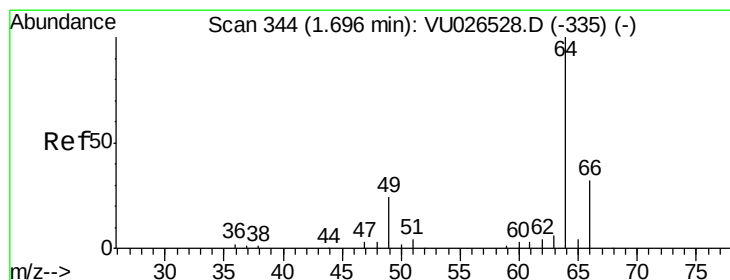
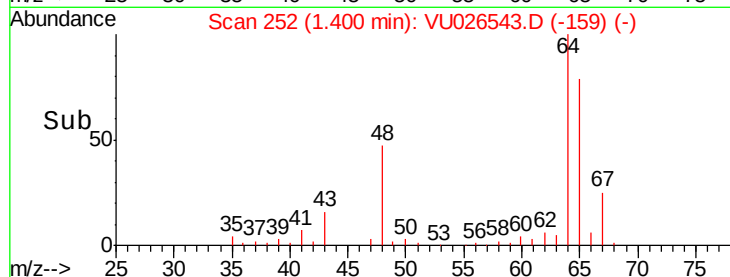
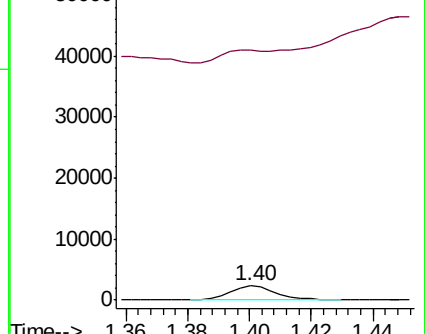
62 100

64 1754.5 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#8

Chloroethane

Concen: 131.679 ug/L

RT: 1.36 min Scan# 239

Delta R.T. -0.34 min

Lab File: VU026543.D

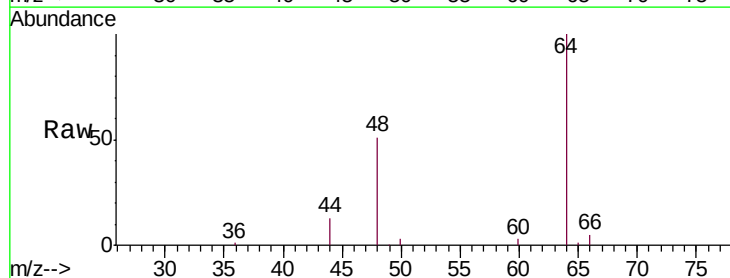
Acq: 05 Sep 2018 14:09

Tgt Ion: 64 Resp: 135540

Ion Ratio Lower Upper

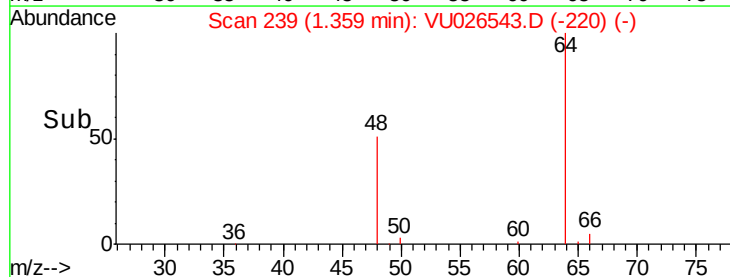
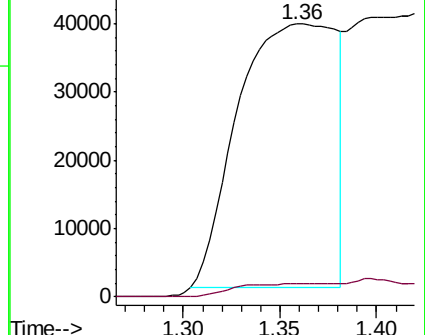
64 100

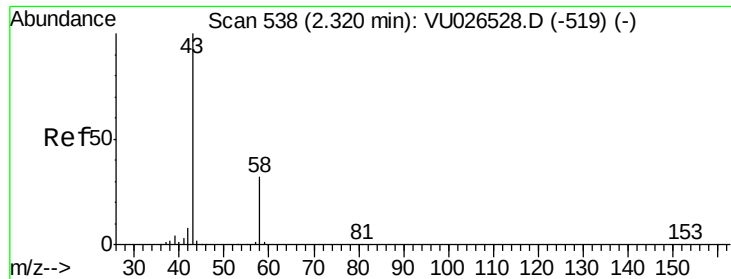
66 4.9 22.2 41.2#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#13

Acetone

Concen: 25.931 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026543.D

Acq: 05 Sep 2018 14:09

Instrument :

MSVOA_U

ClientSampleId :

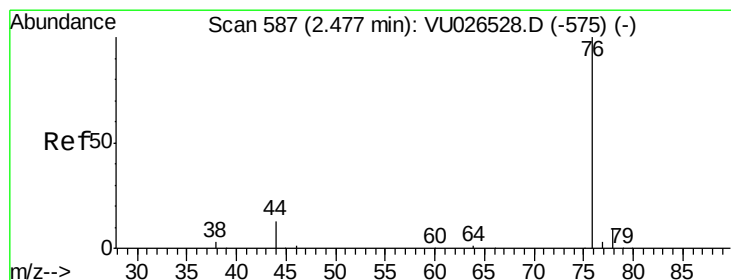
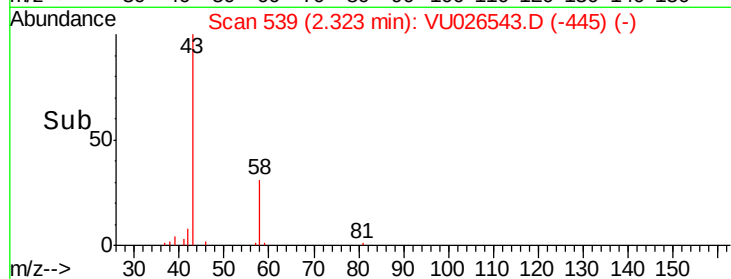
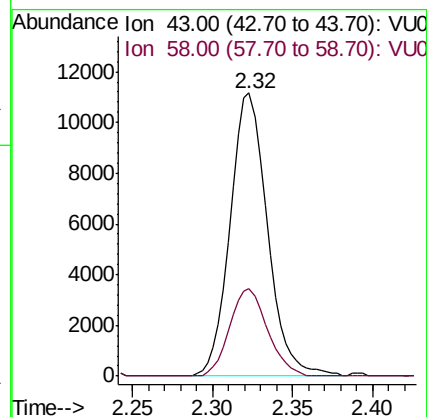
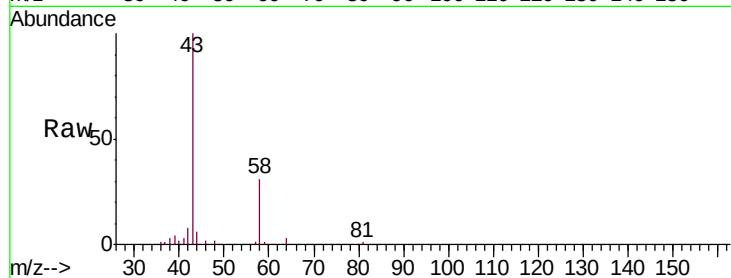
BEE32

Tgt Ion: 43 Resp: 17735

Ion Ratio Lower Upper

43 100

58 31.3 0.0 61.2



#14

Carbon disulfide

Concen: 2.599 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU026543.D

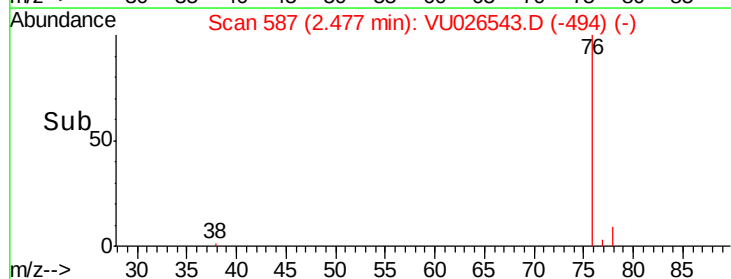
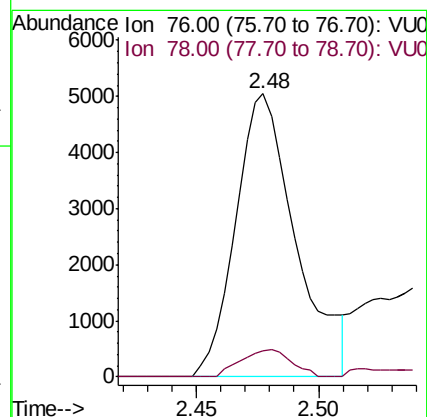
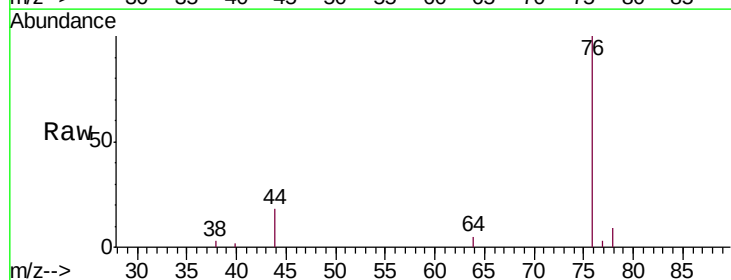
Acq: 05 Sep 2018 14:09

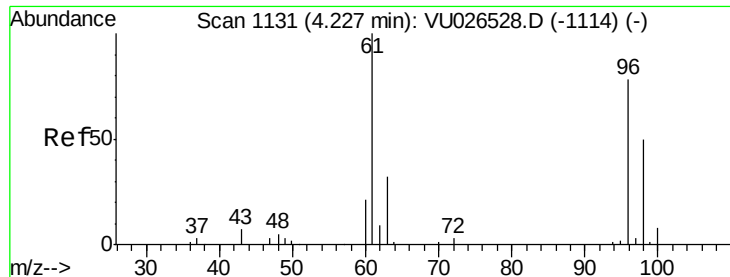
Tgt Ion: 76 Resp: 8624

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

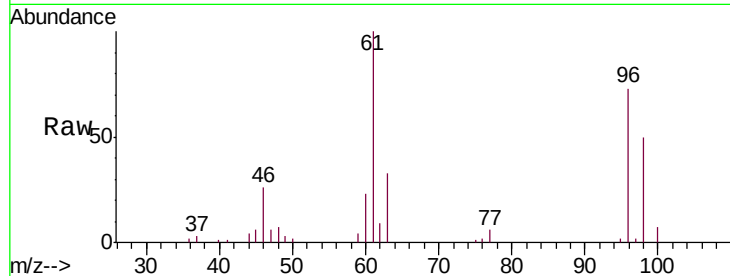




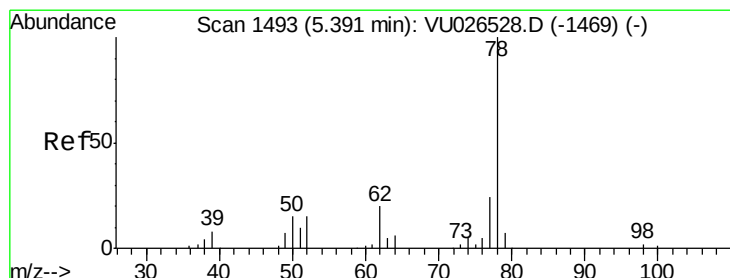
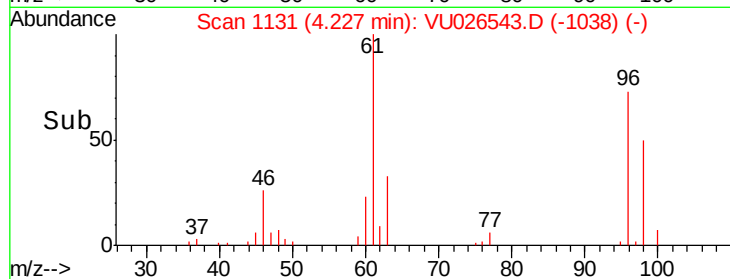
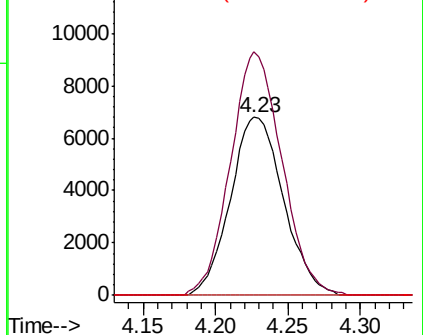
#20
 cis-1,2-Dichloroethene
 Concen: 14.578 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026543.D
 Acq: 05 Sep 2018 14:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE32

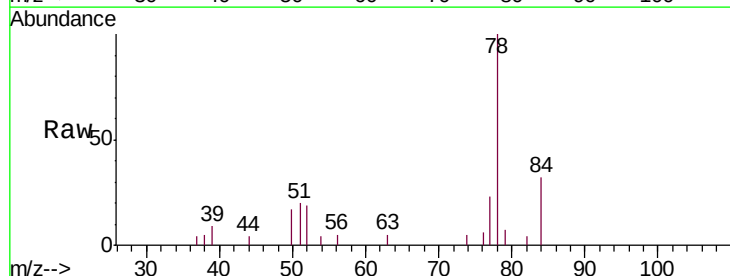
Tgt Ion: 96 Resp: 17318
 Ion Ratio Lower Upper
 96 100
 61 136.9 91.6 170.2
 68 0.0 0.0 0.0



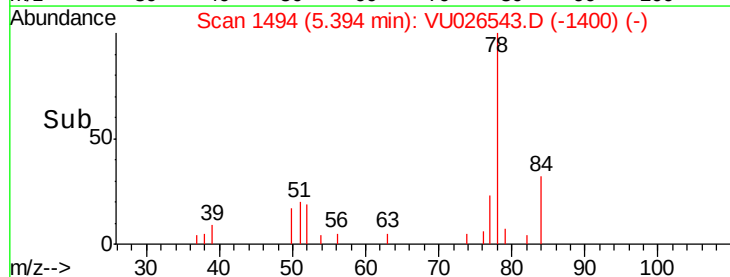
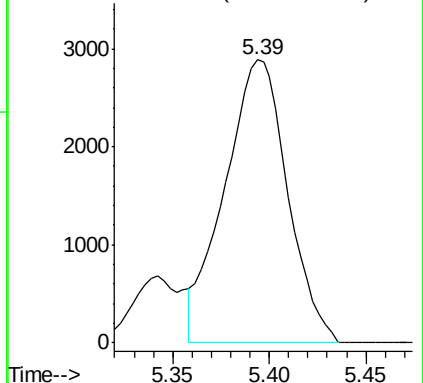
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

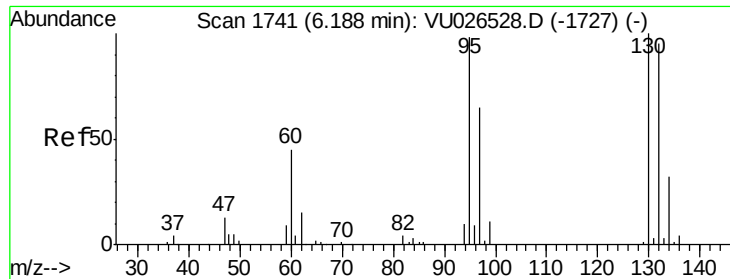


#33
 Benzene
 Concen: 1.484 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU026543.D
 Acq: 05 Sep 2018 14:09
 Tgt Ion: 78 Resp: 6531



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 8.266 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026543.D

Acq: 05 Sep 2018 14:09

Instrument :

MSVOA_U

ClientSampleId :

BEE32

Tgt Ion: 95 Resp: 9123

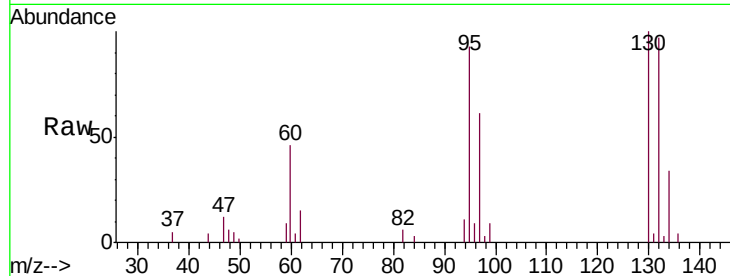
Ion Ratio Lower Upper

95 100

97 66.2 45.1 83.7

132 104.4 67.5 125.3

130 107.7 69.3 128.7

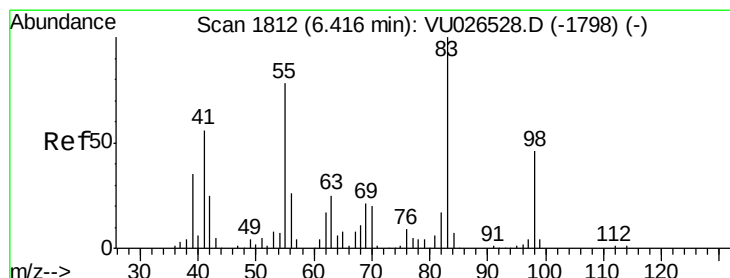
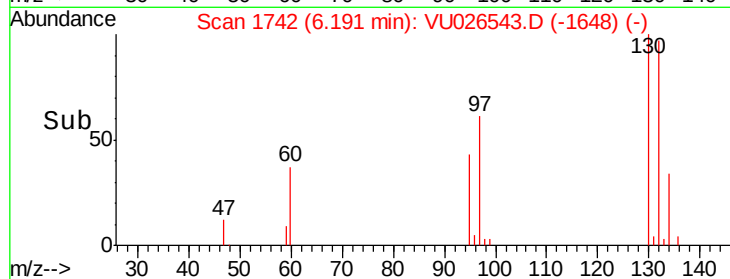
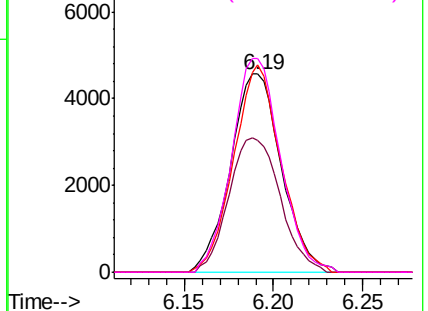


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.621 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026543.D

Acq: 05 Sep 2018 14:09

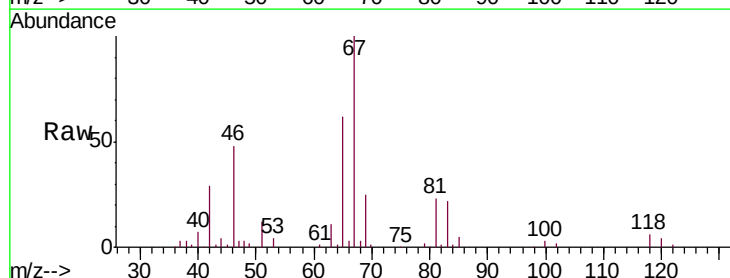
Tgt Ion: 83 Resp: 13134

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

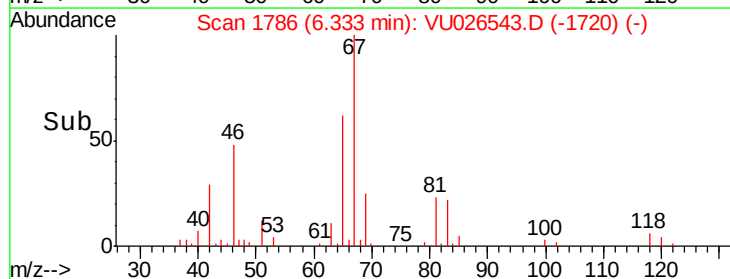
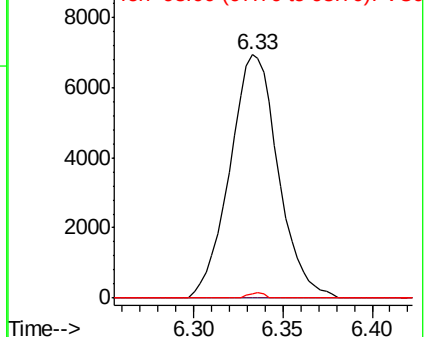
98 0.7 36.7 55.1#

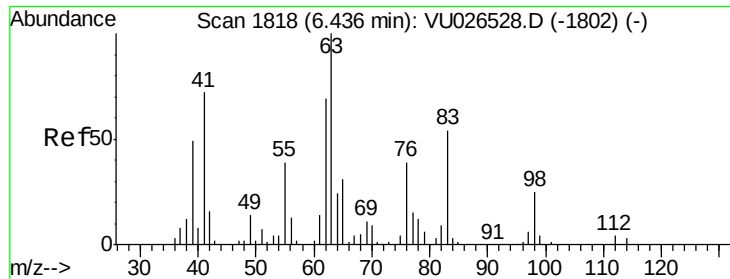


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

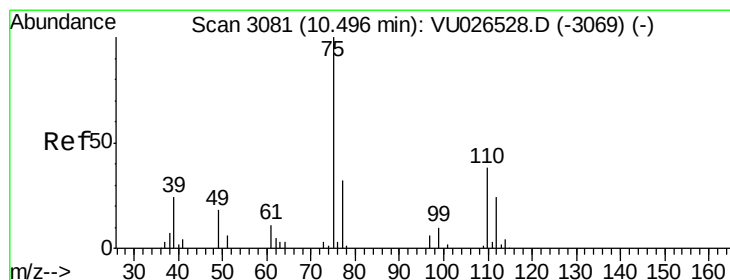
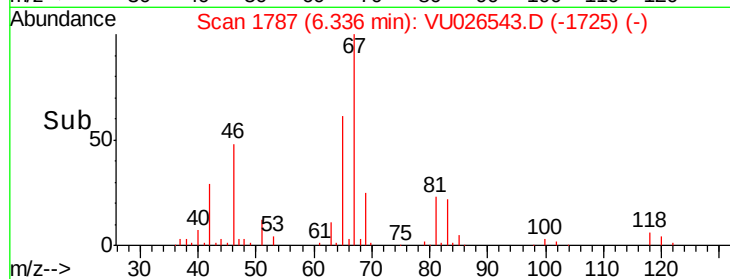
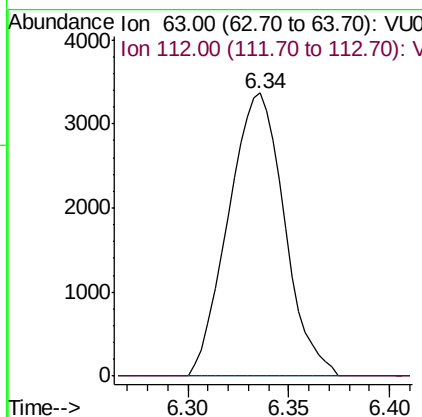
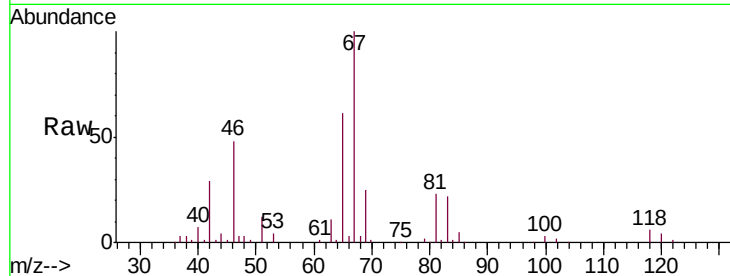




#37
 1,2-Dichloropropane
 Concen: 5.353 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026543.D
 Acq: 05 Sep 2018 14:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE32

Tgt Ion: 63 Resp: 6520
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.116 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026543.D
 Acq: 05 Sep 2018 14:09

Tgt Ion: 75 Resp: 7776
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.0 37.6#

