

Data File : VU026564.D
Acq On : 05 Sep 2018 23:58
Operator : MD/SY
Sample : J4718-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEGC5

Quant Time: Sep 06 06:02:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160357	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150326	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64595	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42051	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.64%
7) Chloroethane-d5	1.68	69	38175	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.08%
11) 1,1-Dichloroethene-d2	2.27	63	61622	27.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.08%#
21) 2-Butanone-d5	4.18	46	79480	103.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.07%
24) Chloroform-d	4.65	84	84717	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
26) 1,2-Dichloroethane-d4	5.31	65	56958	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.34	84	161528	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
36) 1,2-Dichloropropane-d6	6.33	67	57975	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.57	98	142780	42.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.38%
43) trans-1,3-Dichloropropene-	7.85	79	23843	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.74%
47) 2-Hexanone-d5	8.31	63	54903	100.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81873	46.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	57533	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

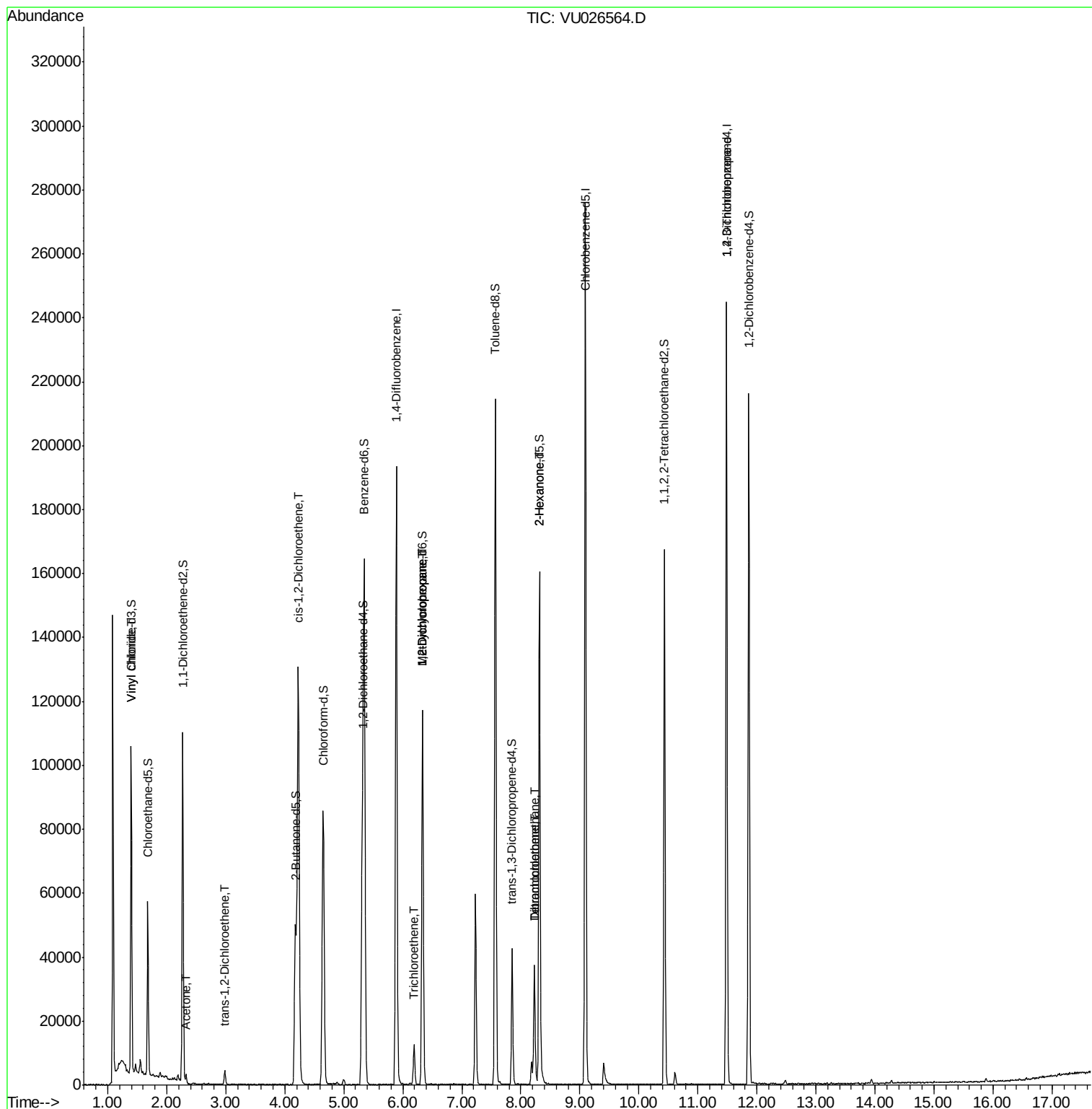
						Qvalue
5) Vinyl chloride	1.40	62	26484	15.823	ug/L	94
13) Acetone	2.32	43	2537	3.799	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	1767	1.707	ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	70954	61.177	ug/L	99
34) Trichloroethene	6.19	95	4425	4.093	ug/L	93
35) Methylcyclohexane	6.33	83	12747	7.552	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6033	5.057	ug/L #	88
46) Tetrachloroethene	8.23	164	8591	9.721	ug/L	93
48) 2-Hexanone	8.31	43	7023	5.542	ug/L #	67
49) Dibromochloromethane	8.23	129	7540	6.122	ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	7556	5.076	ug/L #	88

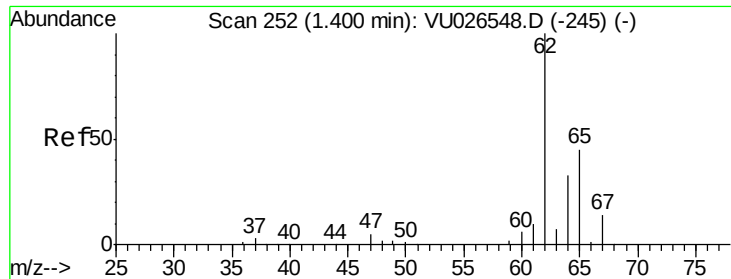
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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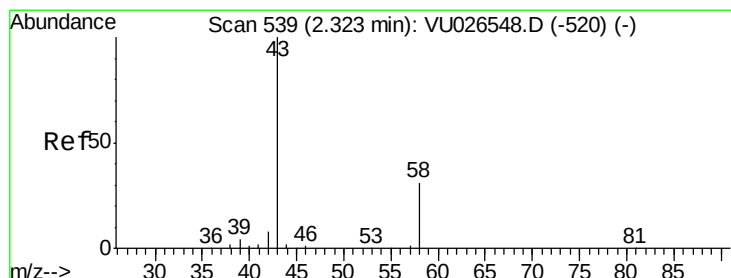
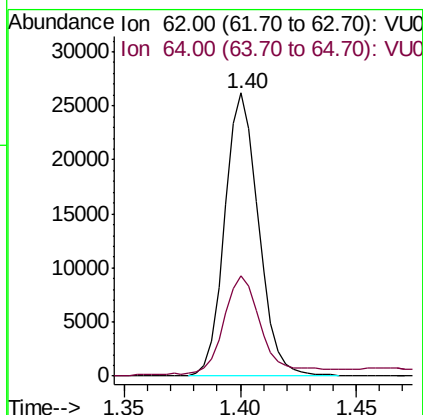
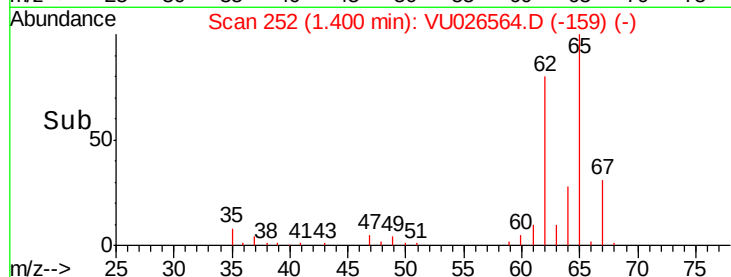
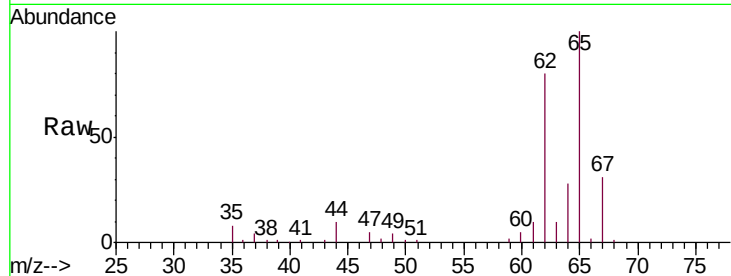




#5
 Vinyl chloride
 Concen: 15.823 ug/L
 RT: 1.40 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU026564.D
 Acq: 05 Sep 2018 23:58

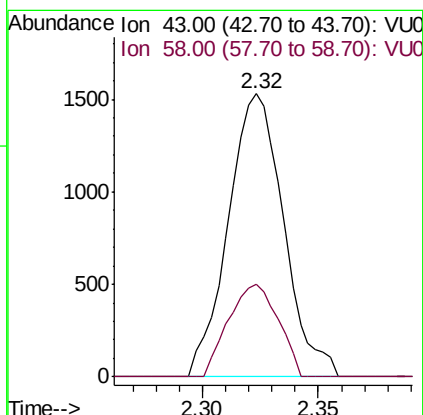
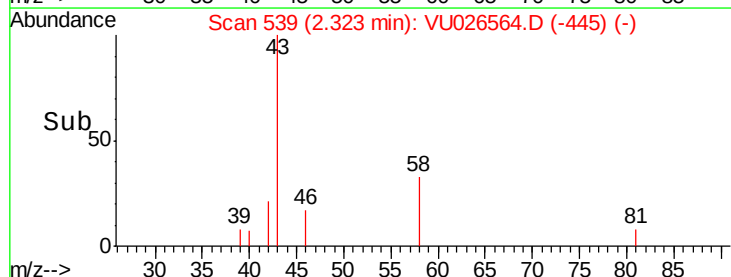
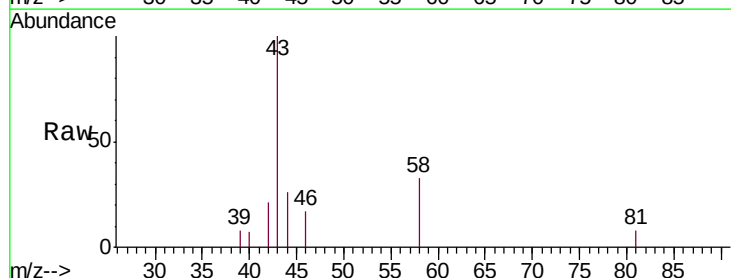
Instrument :
 MSVOA_U
 ClientSampleID :
 BEGC5

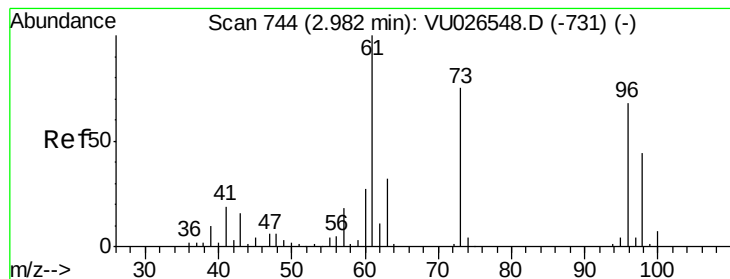
Tgt Ion: 62 Resp: 26484
 Ion Ratio Lower Upper
 62 100
 64 35.3 22.4 41.6



#13
 Acetone
 Concen: 3.799 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026564.D
 Acq: 05 Sep 2018 23:58

Tgt Ion: 43 Resp: 2537
 Ion Ratio Lower Upper
 43 100
 58 29.3 0.0 61.2





#17

trans-1,2-Dichloroethene

Concen: 1.707 ug/L

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

Instrument :

MSVOA_U

ClientSampleId :

BEGC5

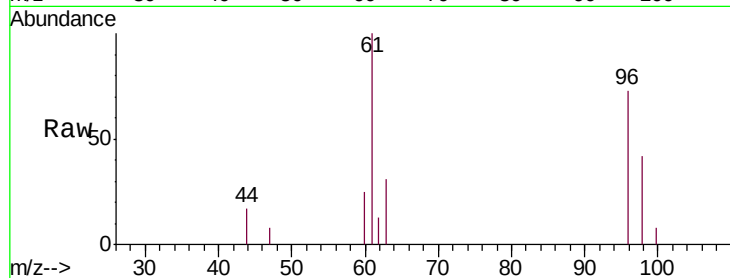
Tgt Ion: 96 Resp: 1767

Ion Ratio Lower Upper

96 100

61 137.2 103.2 191.6

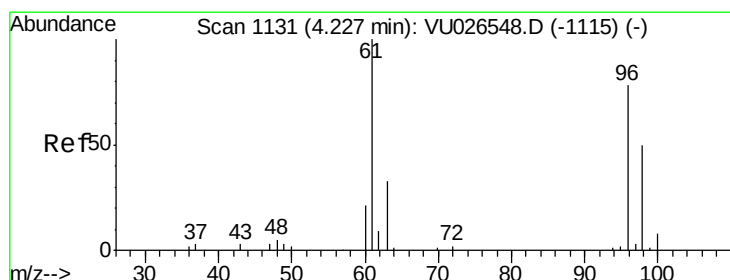
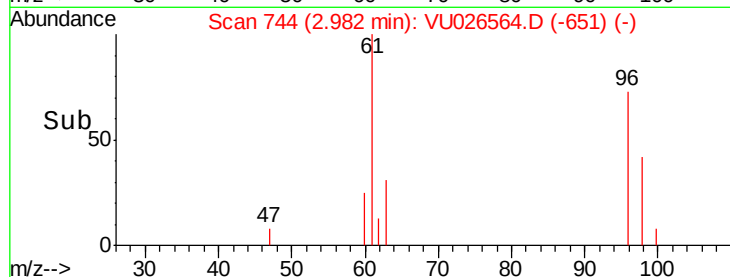
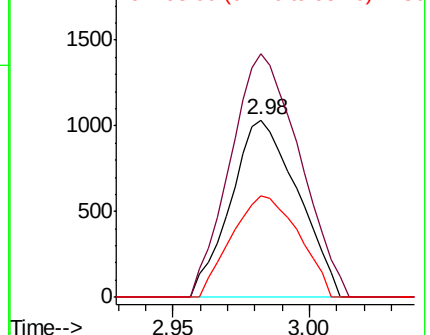
98 57.1 44.9 83.3



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: 61.177 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

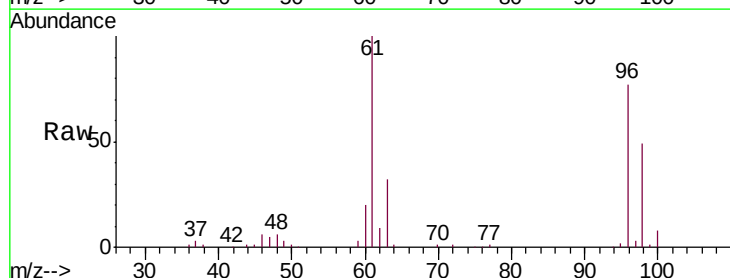
Tgt Ion: 96 Resp: 70954

Ion Ratio Lower Upper

96 100

61 129.2 91.6 170.2

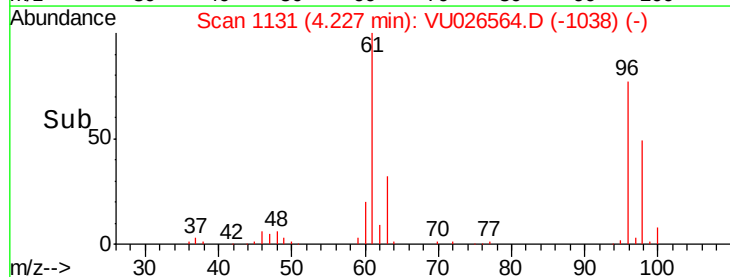
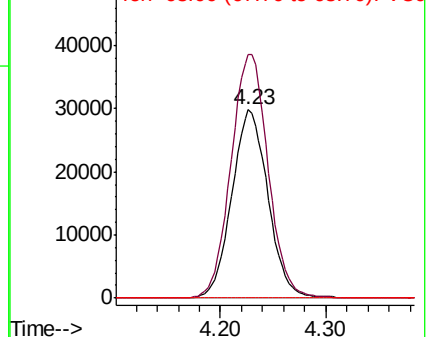
68 0.0 0.0 0.0

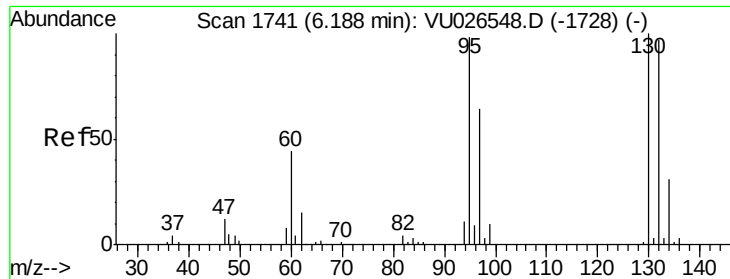


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 4.093 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

Instrument :

MSVOA_U

ClientSampleId :

BEGC5

Tgt Ion: 95 Resp: 4425

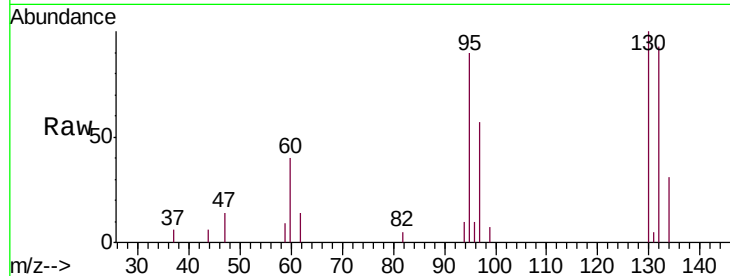
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.7

132 102.9 67.5 125.3

130 111.1 69.3 128.7

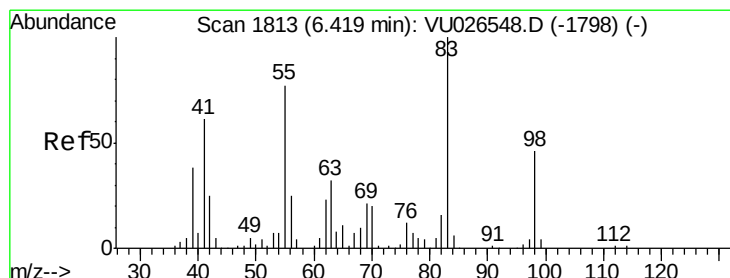
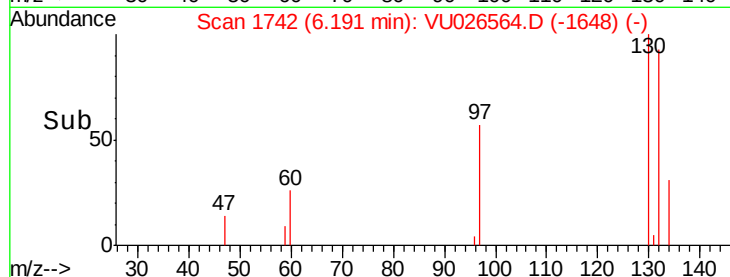
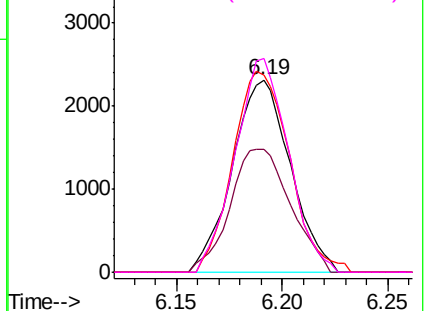


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.552 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

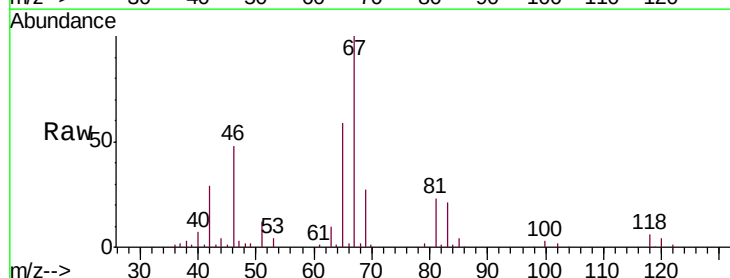
Tgt Ion: 83 Resp: 12747

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

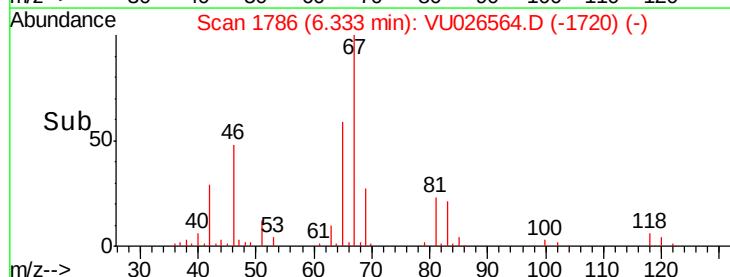
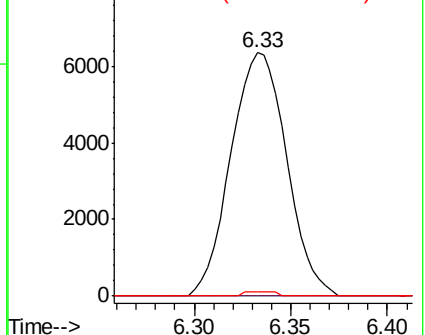
98 0.5 36.7 55.1#

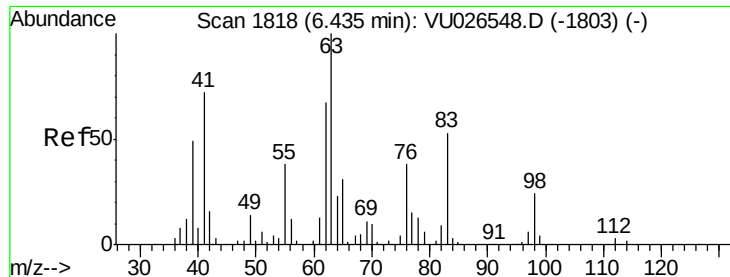


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

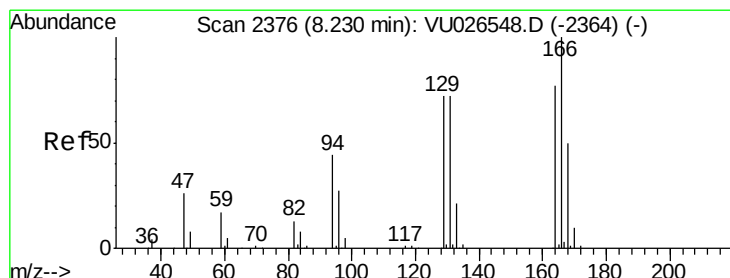
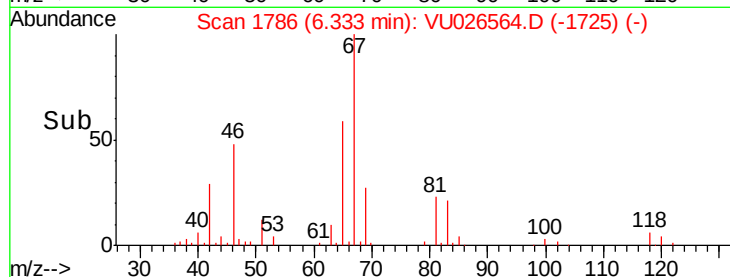
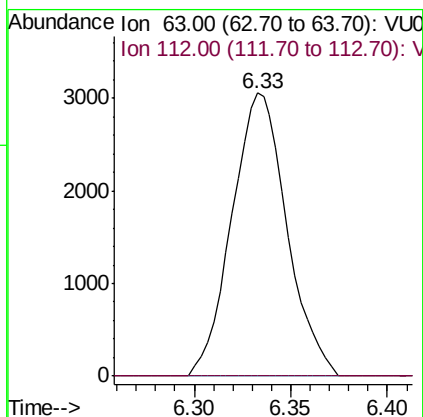
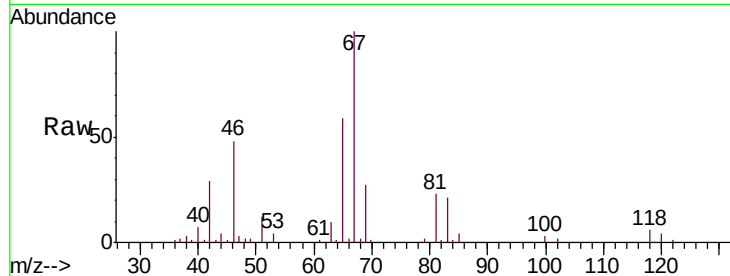




#37
 1,2-Dichloropropane
 Concen: 5.057 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026564.D
 Acq: 05 Sep 2018 23:58

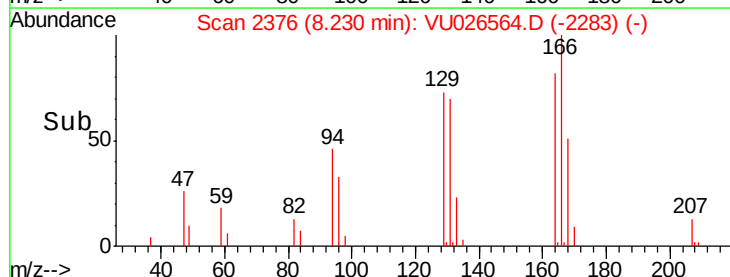
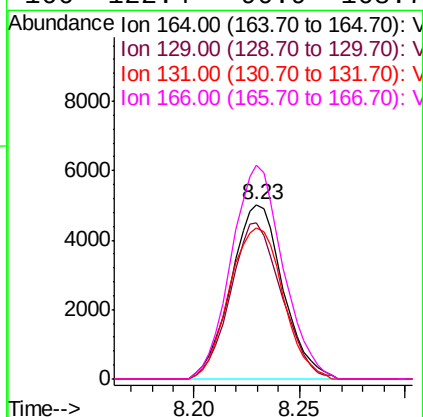
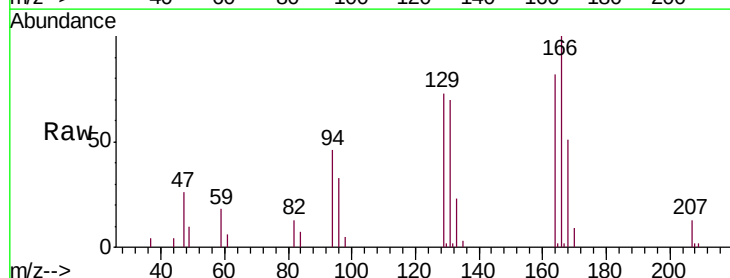
Instrument :
 MSVOA_U
 ClientSampled :
 BEGC5

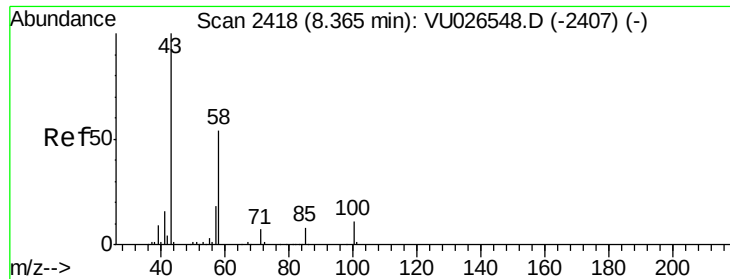
Tgt Ion: 63 Resp: 6033
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 9.721 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026564.D
 Acq: 05 Sep 2018 23:58

Tgt Ion: 164 Resp: 8591
 Ion Ratio Lower Upper
 164 100
 129 89.5 67.3 125.1
 131 86.3 65.3 121.3
 166 122.4 90.9 168.7

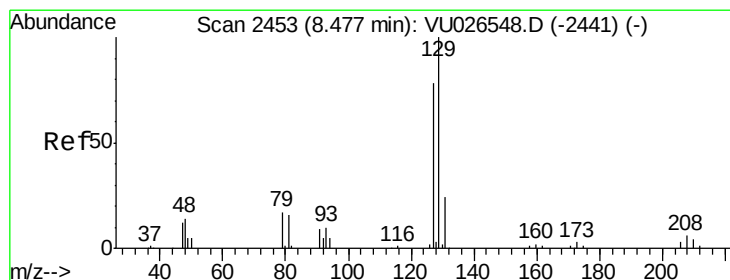
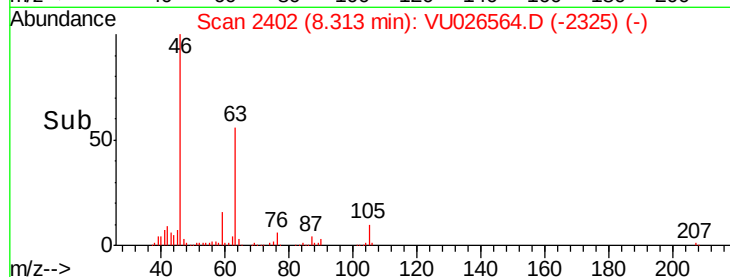
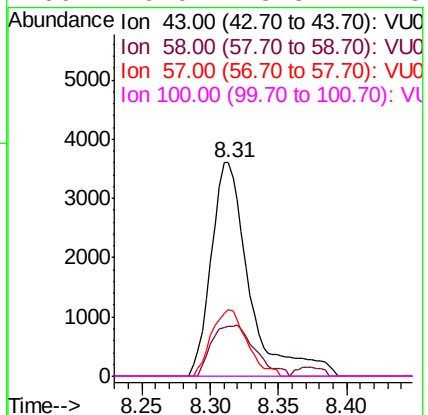
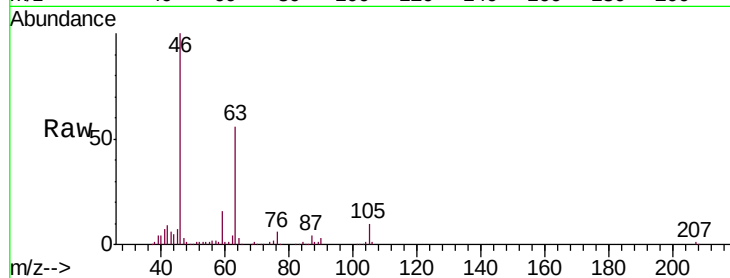




#48
2-Hexanone
Concen: 5.542 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026564.D
Acq: 05 Sep 2018 23:58

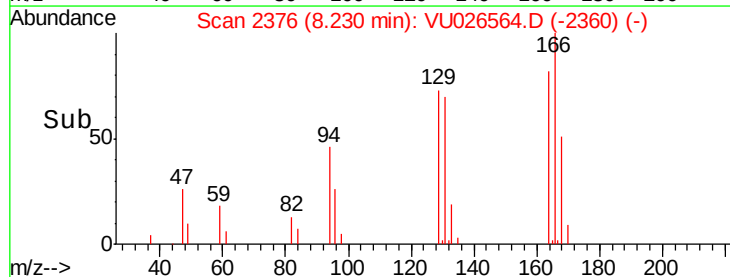
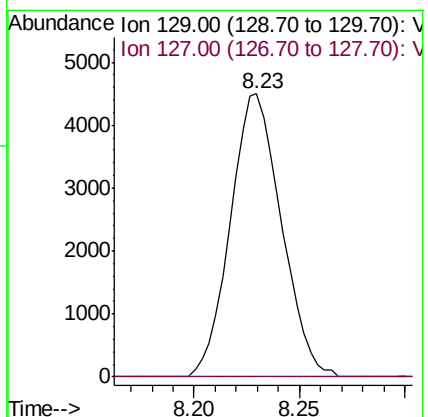
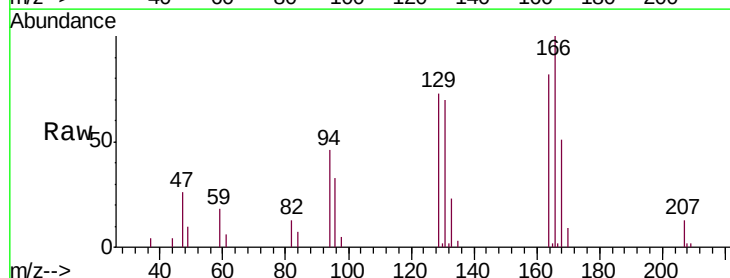
Instrument :
MSVOA_U
ClientSampled :
BEGC5

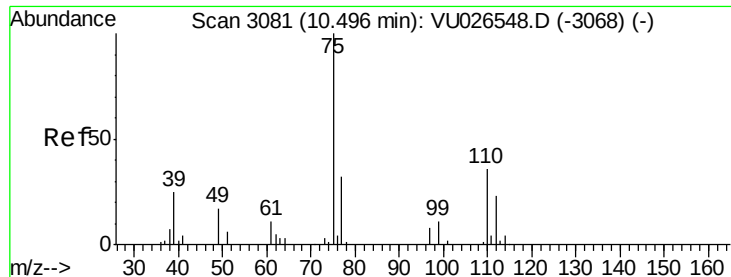
Tgt Ion: 43 Resp: 7023
Ion Ratio Lower Upper
43 100
58 25.8 42.2 63.4#
57 28.4 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 6.122 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026564.D
Acq: 05 Sep 2018 23:58

Tgt Ion: 129 Resp: 7540
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 5.076 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026564.D

Acq: 05 Sep 2018 23:58

Instrument :

MSVOA_U

ClientSampleId :

BEGC5

Tgt Ion: 75 Resp: 7556

Ion Ratio Lower Upper

75 100

77 38.1 25.0 37.6#

