

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
 Data File : VU025834.D
 Acq On : 03 Aug 2018 21:31
 Operator : MD/SY
 Sample : J4340-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F74

Quant Time: Aug 03 23:53:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	317549	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292802	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77349	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.34%
7) Chloroethane-d5	1.68	69	66915	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.27	63	126833	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	4.18	46	138911	99.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.65	84	177159	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
26) 1,2-Dichloroethane-d4	5.31	65	123469	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.35	84	345216	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
36) 1,2-Dichloropropane-d6	6.34	67	110922	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.68%
41) Toluene-d8	7.57	98	315376	43.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.58%
43) trans-1,3-Dichloropropene-	7.85	79	52960	42.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.70%
47) 2-Hexanone-d5	8.31	63	98931	97.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	151431	44.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	120653	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%

Target Compounds

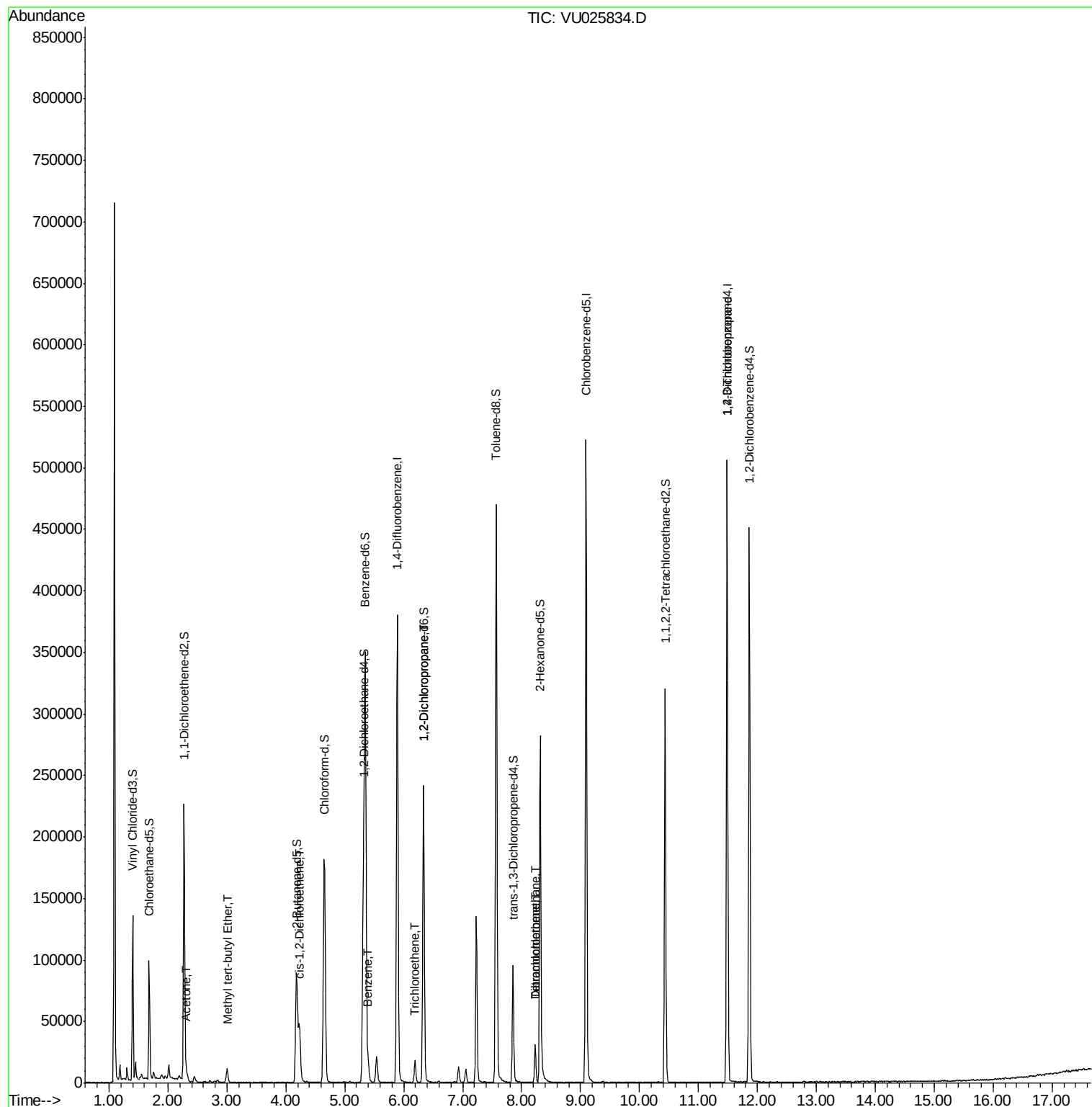
					Qvalue
13) Acetone	2.32	43	6400	3.896 ug/L	66
18) Methyl tert-butyl Ether	3.01	73	10877	1.619 ug/L #	82
20) cis-1,2-Dichloroethene	4.23	96	21016	9.023 ug/L	98
33) Benzene	5.39	78	15813	1.880 ug/L	100
34) Trichloroethene	6.19	95	6102	2.734 ug/L	95
37) 1,2-Dichloropropane	6.34	63	13077	5.688 ug/L #	88
46) Tetrachloroethene	8.23	164	7438	3.843 ug/L	95
49) Dibromochloromethane	8.23	129	6562	2.537 ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	14457	5.354 ug/L #	76

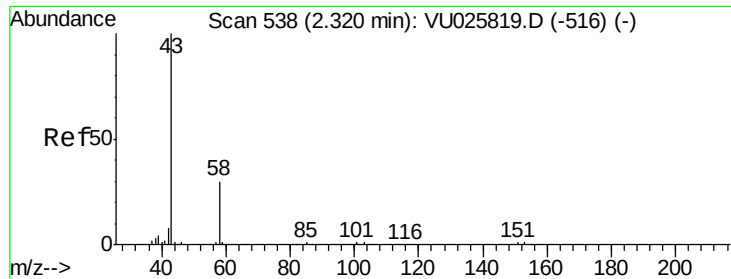
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 23:51:54 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.896 ug/L

RT: 2.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: VU025834.D

Acq: 03 Aug 2018 21:31

Instrument :

MSVOA_U

ClientSampleId :

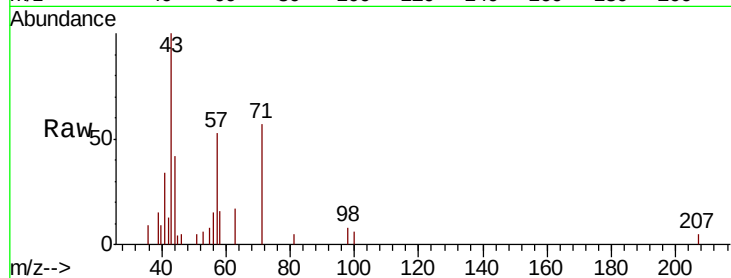
E5F74

Tgt Ion: 43 Resp: 6400

Ion Ratio Lower Upper

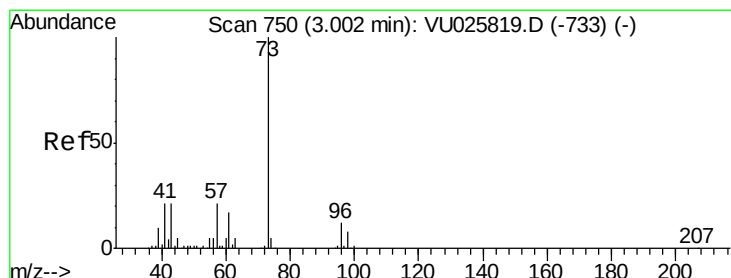
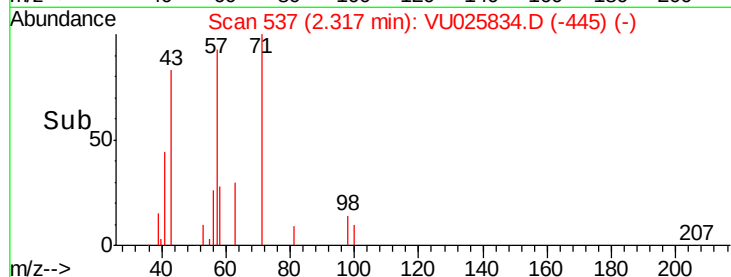
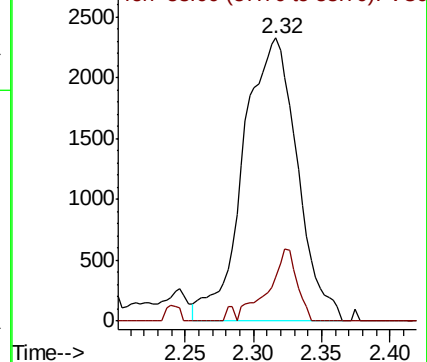
43 100

58 12.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl tert-butyl Ether

Concen: 1.619 ug/L

RT: 3.01 min Scan# 752

Delta R.T. 0.01 min

Lab File: VU025834.D

Acq: 03 Aug 2018 21:31

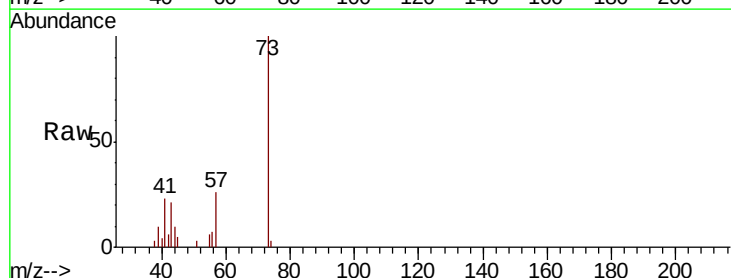
Tgt Ion: 73 Resp: 10877

Ion Ratio Lower Upper

73 100

43 6.5 16.2 24.2#

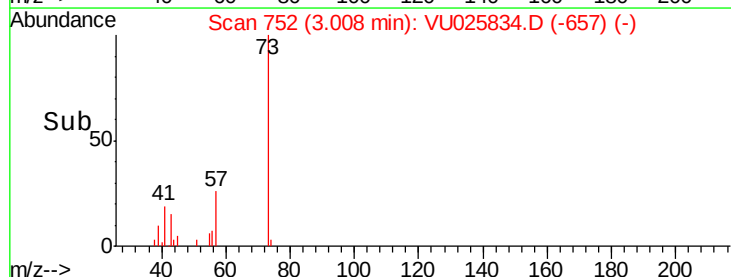
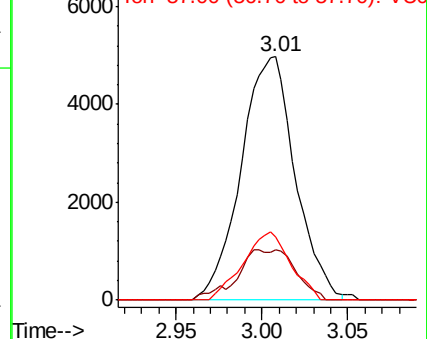
57 24.5 17.1 25.7

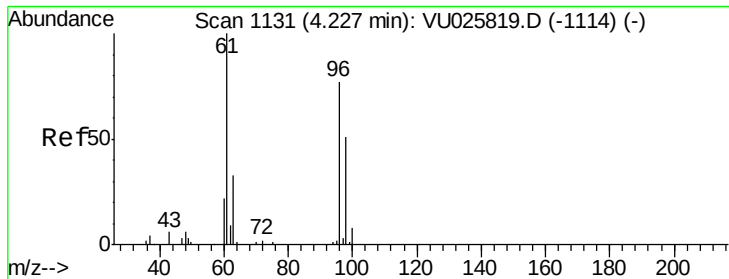


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

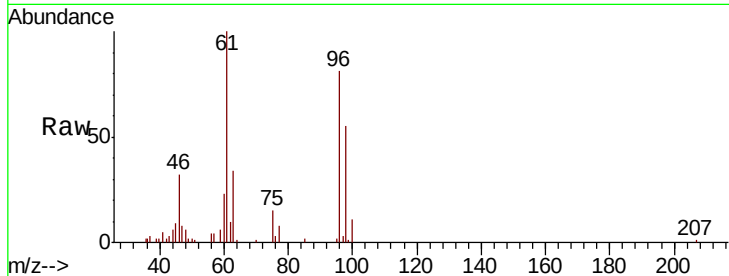




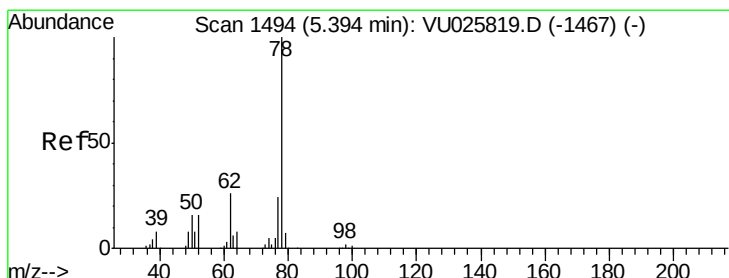
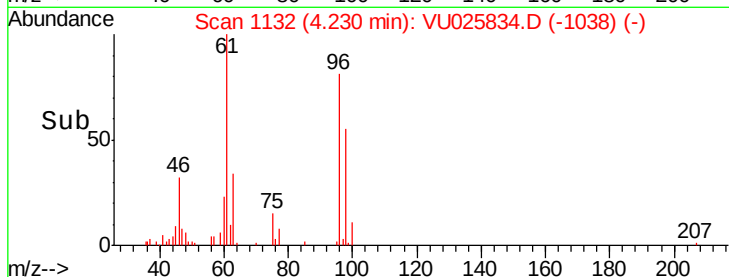
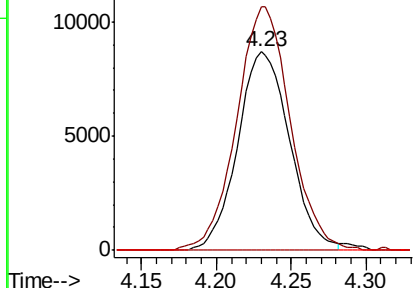
#20
 cis-1,2-Dichloroethene
 Concen: 9.023 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025834.D
 Acq: 03 Aug 2018 21:31

Instrument :
 MSVOA_U
 ClientSampled :
 E5F74

Tgt Ion: 96 Resp: 21016
 Ion Ratio Lower Upper
 96 100
 61 122.8 87.4 162.2
 68 0.0 0.0 0.0

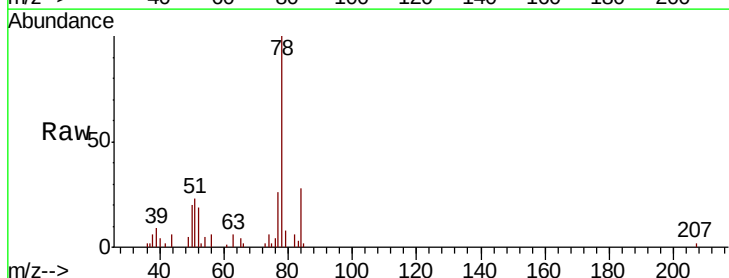


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

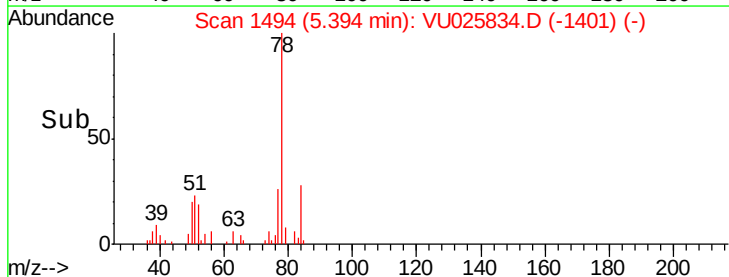
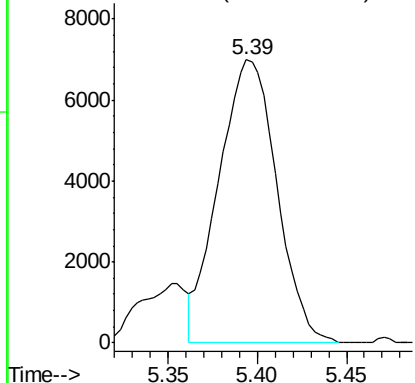


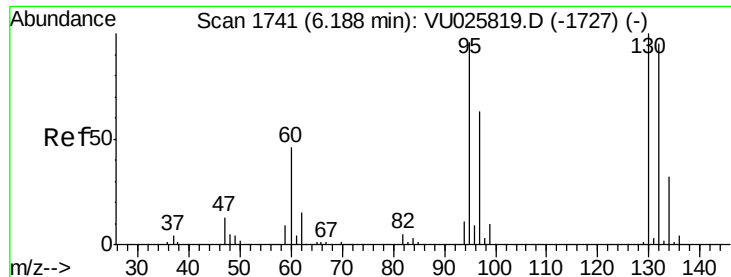
#33
 Benzene
 Concen: 1.880 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VU025834.D
 Acq: 03 Aug 2018 21:31

Tgt Ion: 78 Resp: 15813



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 2.734 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025834.D

Acq: 03 Aug 2018 21:31

Instrument :

MSVOA_U

ClientSampled :

E5F74

Tgt Ion: 95 Resp: 6102

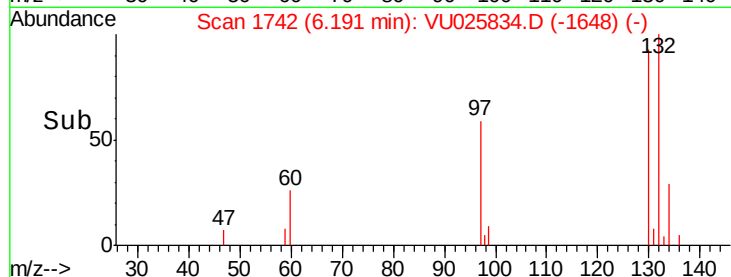
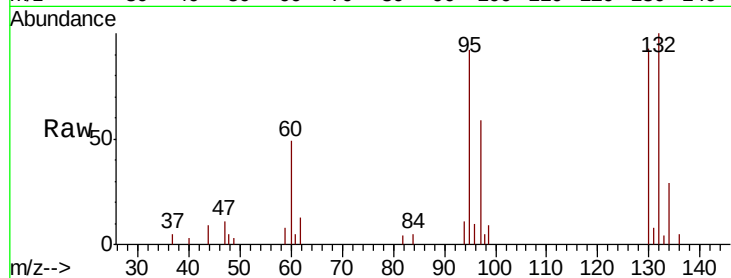
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 108.6 72.2 134.2

130 100.8 74.9 139.1

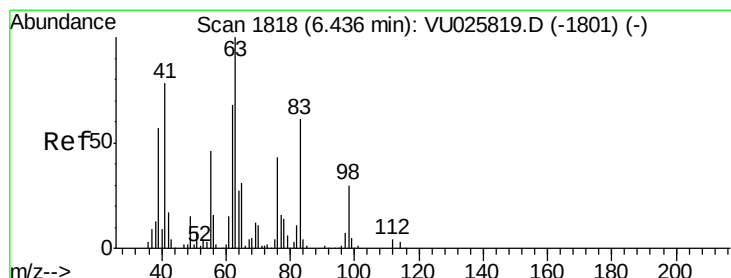
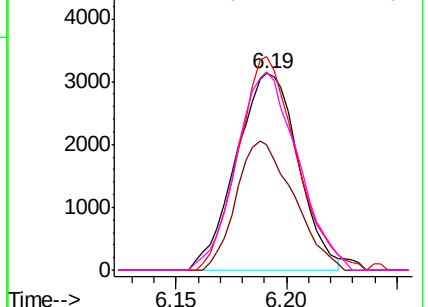


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 5.688 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025834.D

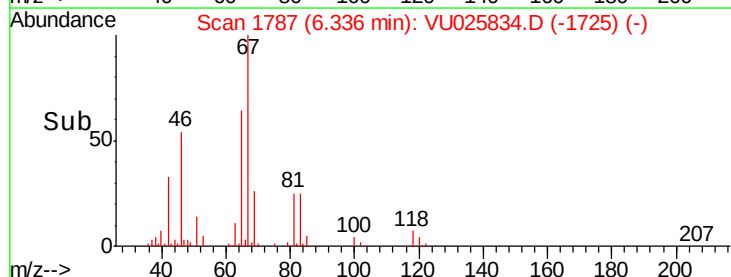
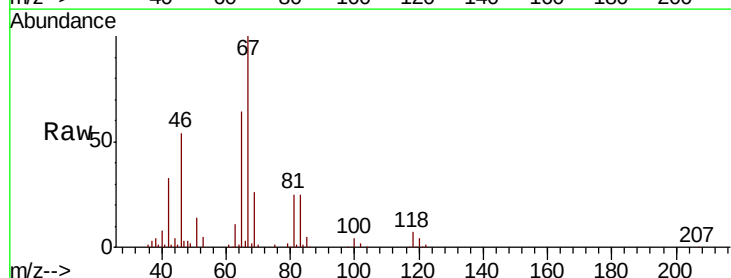
Acq: 03 Aug 2018 21:31

Tgt Ion: 63 Resp: 13077

Ion Ratio Lower Upper

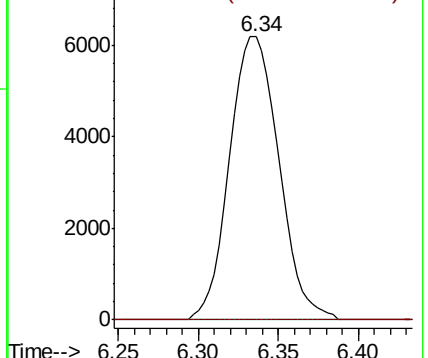
63 100

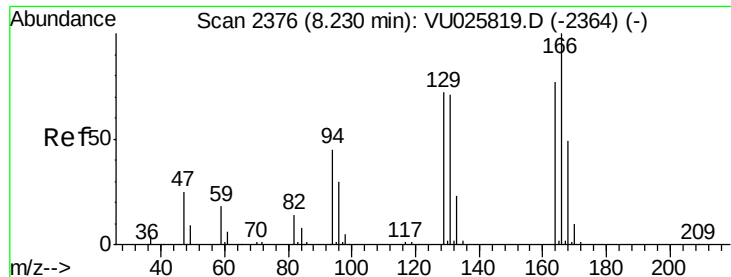
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

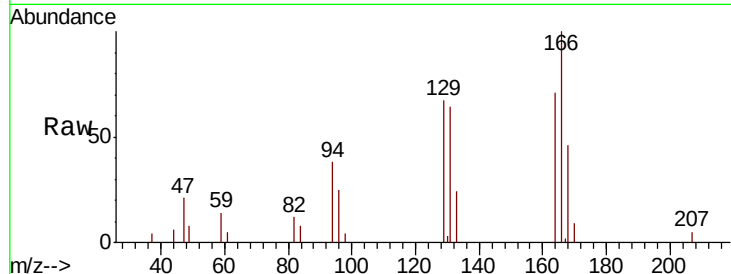




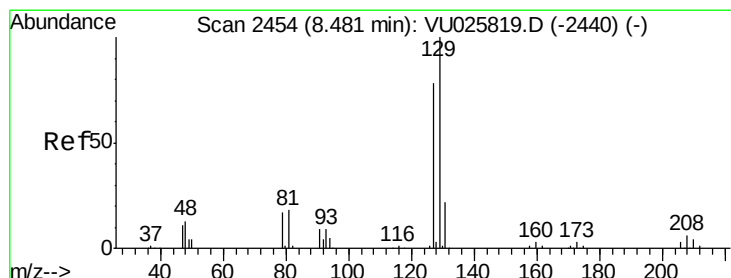
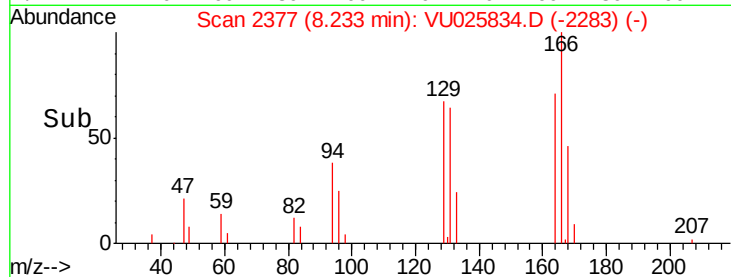
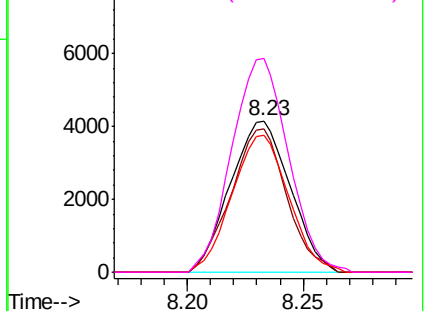
#46
Tetrachloroethene
Concen: 3.843 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025834.D
Acq: 03 Aug 2018 21:31

Instrument :
MSVOA_U
ClientSampleId :
E5F74

Tgt Ion:164 Resp: 7438
Ion Ratio Lower Upper
164 100
129 94.7 65.1 120.9
131 90.6 62.8 116.6
166 140.9 89.7 166.7

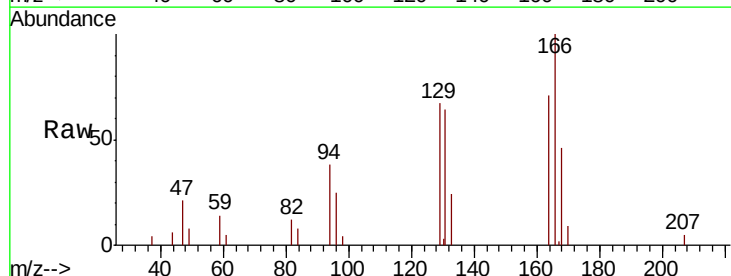


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

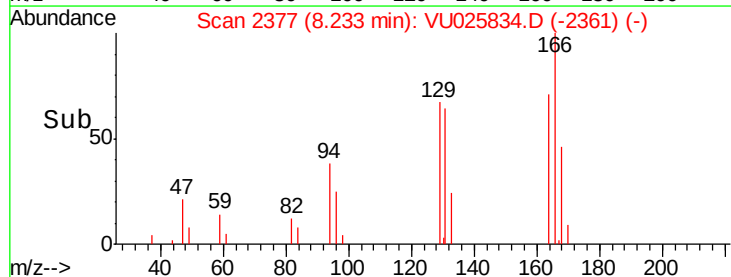
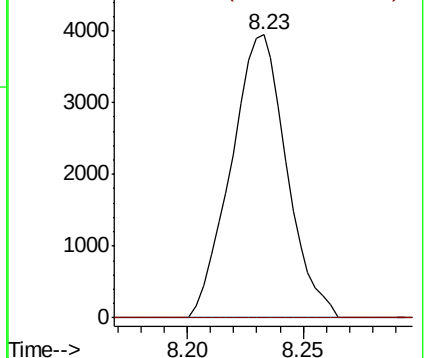


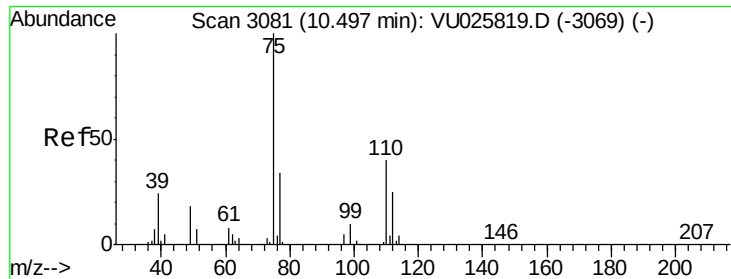
#49
Dibromochloromethane
Concen: 2.537 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU025834.D
Acq: 03 Aug 2018 21:31

Tgt Ion:129 Resp: 6562
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.354 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025834.D

Acq: 03 Aug 2018 21:31

Instrument :

MSVOA_U

ClientSampleId :

E5F74

Tgt Ion: 75 Resp: 14457

Ion Ratio Lower Upper

75 100

77 45.7 25.8 38.8#

