

Data File : VU030814.D
Acq On : 06 Apr 2019 20:31
Operator : JC/SP
Sample : K2299-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6Y4

Quant Time: Apr 08 05:07:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 05:01:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	459696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	191428	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	212744	51.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.68%
7) Chloroethane-d5	1.68	69	170325	54.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.38%
11) 1,1-Dichloroethene-d2	2.27	63	299812	40.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.78%
21) 2-Butanone-d5	4.17	46	336249	103.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.39%
24) Chloroform-d	4.64	84	316886	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
26) 1,2-Dichloroethane-d4	5.31	65	227114	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.20%
32) Benzene-d6	5.33	84	667277	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
36) 1,2-Dichloropropane-d6	6.32	67	229439	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.90%
41) Toluene-d8	7.56	98	576561	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%
43) trans-1,3-Dichloropropene-	7.85	79	98632	47.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.18%
47) 2-Hexanone-d5	8.31	63	207946	99.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303119	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	195688	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%

Target Compounds

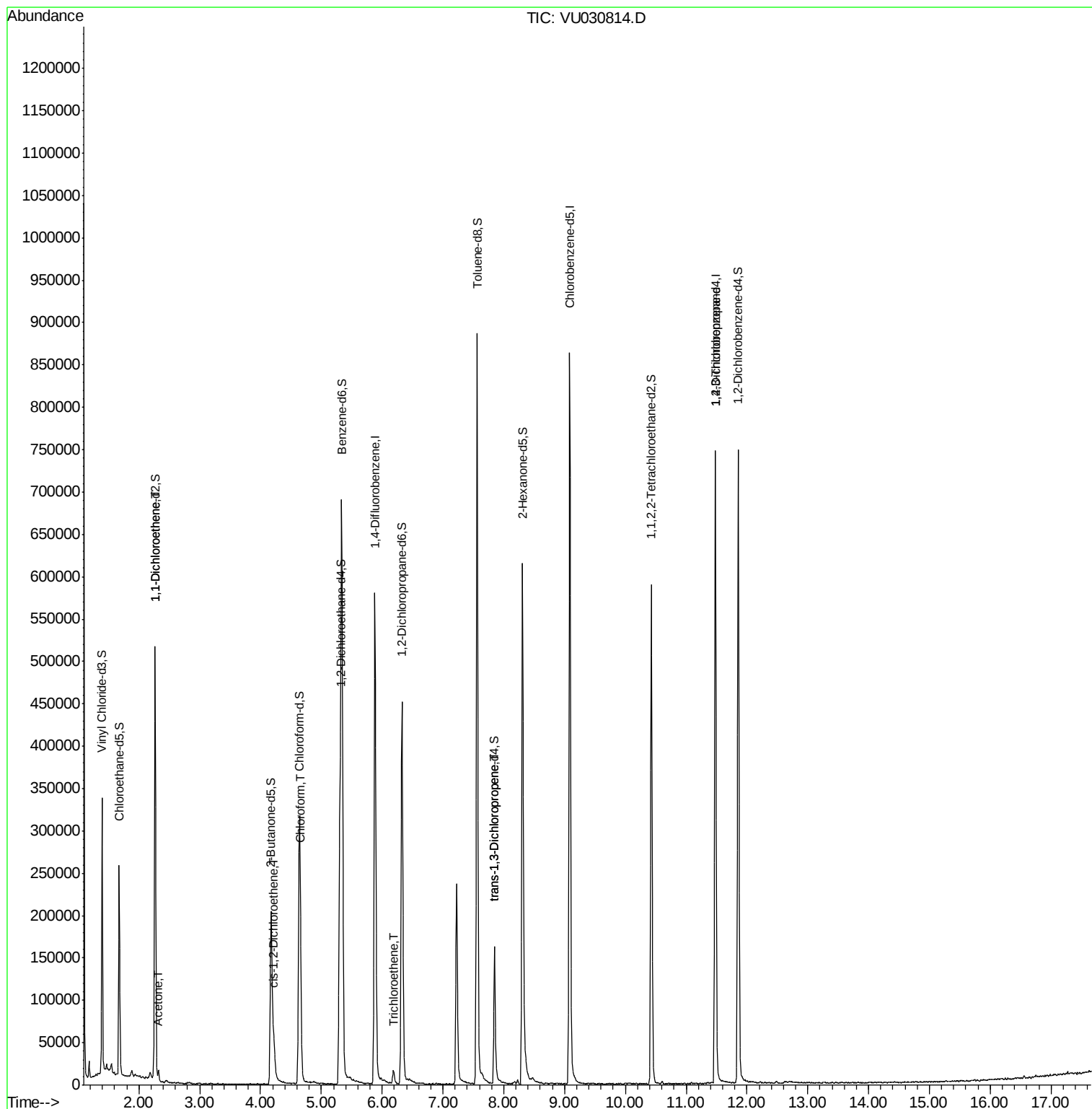
					Qvalue
12) 1,1-Dichloroethene	2.27	96	2048	0.644 ug/L	# 1
13) Acetone	2.32	43	9748	2.929 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	14271	3.831 ug/L	96
25) Chloroform	4.67	83	16861	2.409 ug/L	99
34) Trichloroethene	6.19	95	5687	1.543 ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	4116	0.771 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	25710	5.046 ug/L	94

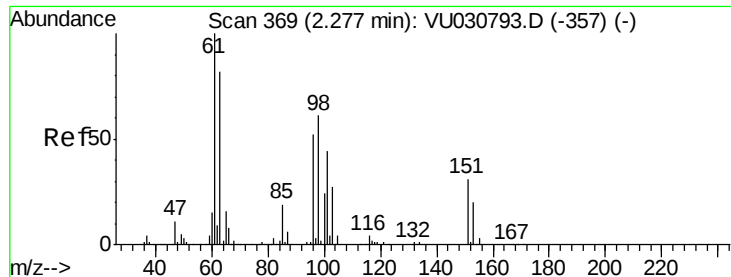
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.644 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030814.D

Acq: 06 Apr 2019 20:31

Instrument :

MSVOA_U

ClientSampled :

DB6Y4

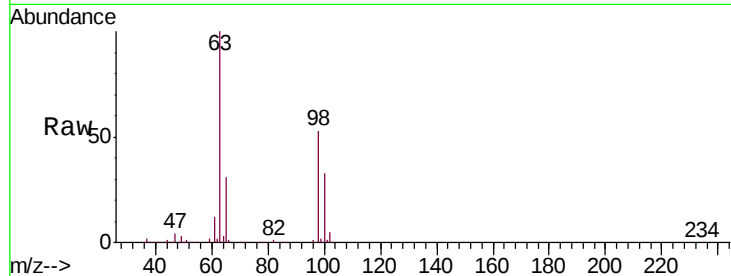
Tgt Ion: 96 Resp: 2048

Ion Ratio Lower Upper

96 100

61 1663.2 132.0 245.2#

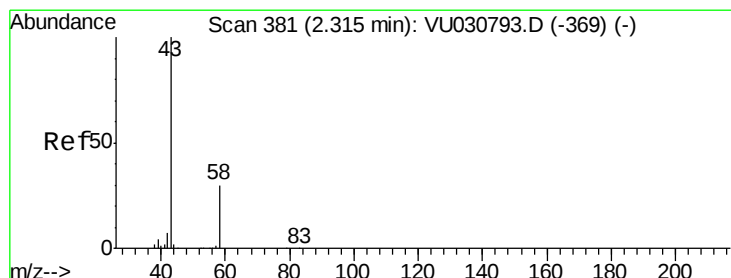
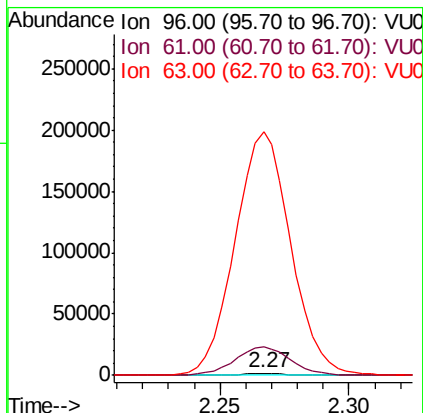
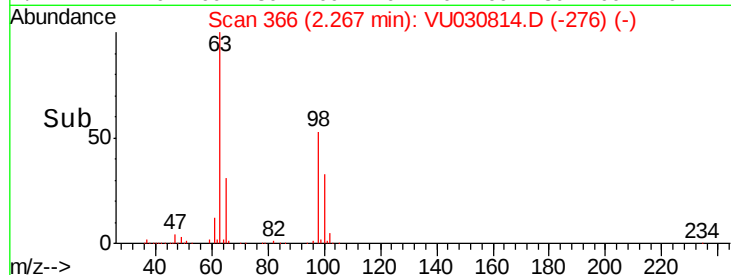
63 14386.1 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU030814.D (-276) (-)

Ion 61.00 (60.70 to 61.70): VU030814.D (-276) (-)

Ion 63.00 (62.70 to 63.70): VU030814.D (-276) (-)



#13

Acetone

Concen: 2.929 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030814.D

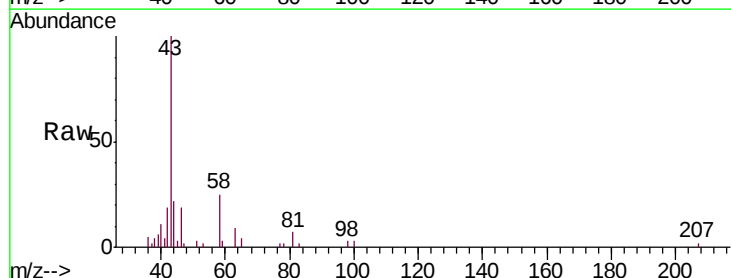
Acq: 06 Apr 2019 20:31

Tgt Ion: 43 Resp: 9748

Ion Ratio Lower Upper

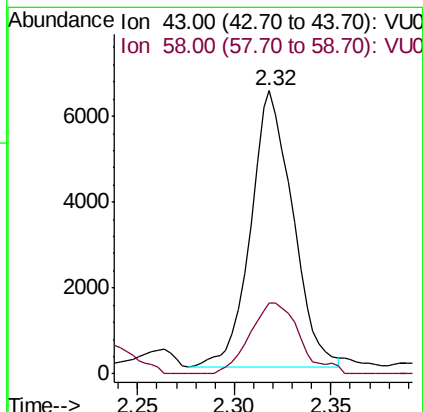
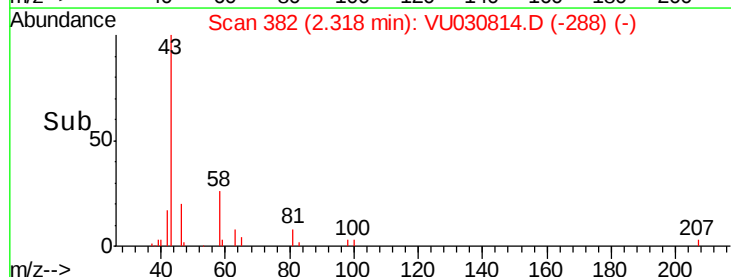
43 100

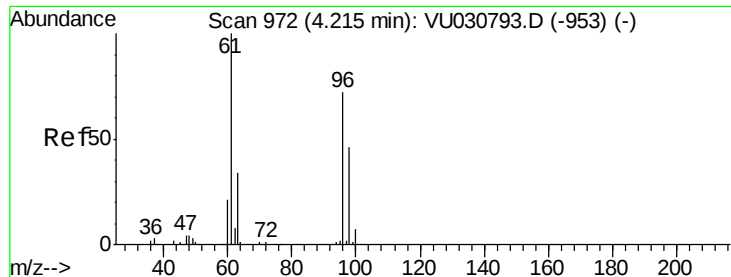
58 29.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030814.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030814.D (-288) (-)



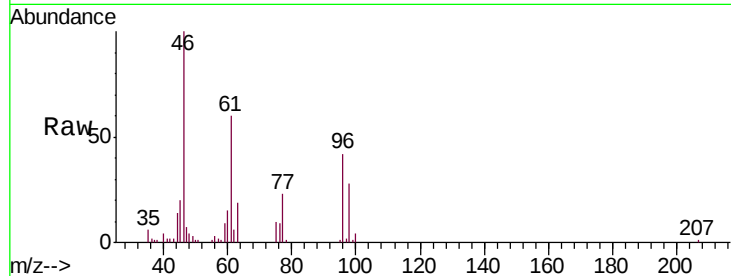


#20

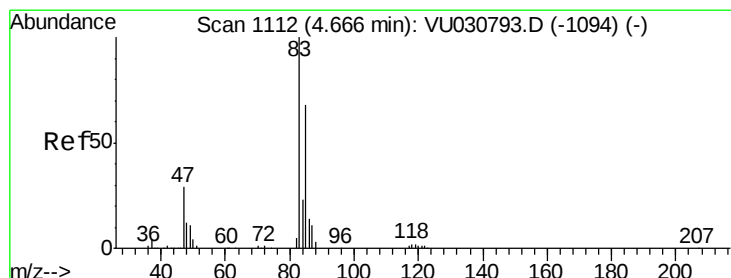
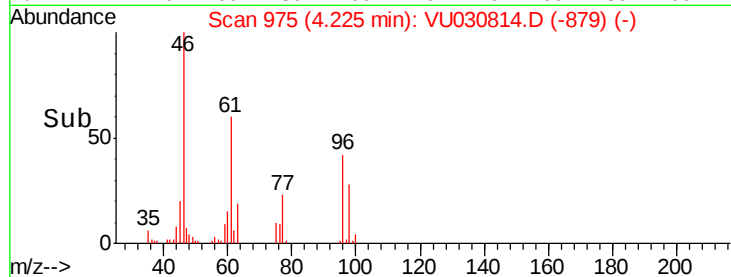
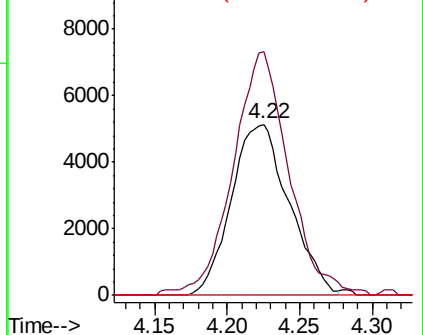
cis-1,2-Dichloroethene
 Concen: 3.831 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU030814.D
 Acq: 06 Apr 2019 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6Y4

Tgt Ion: 96 Resp: 14271
 Ion Ratio Lower Upper
 96 100
 61 142.3 102.9 191.1
 68 0.0 0.0 0.0



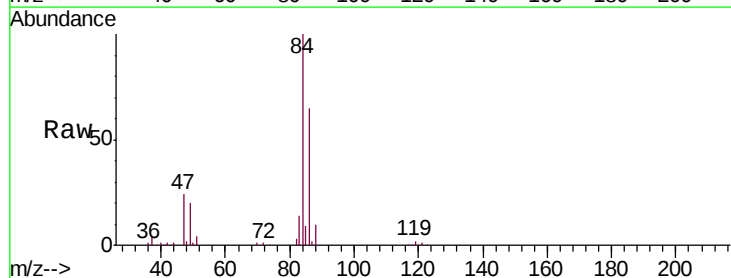
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



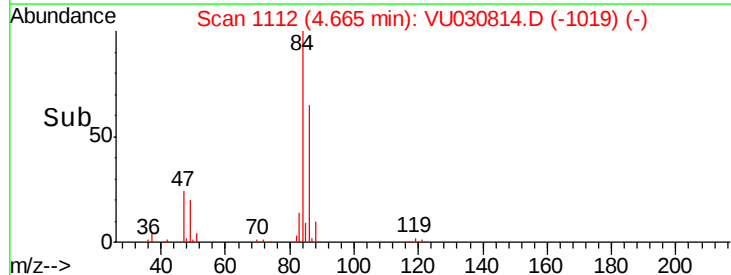
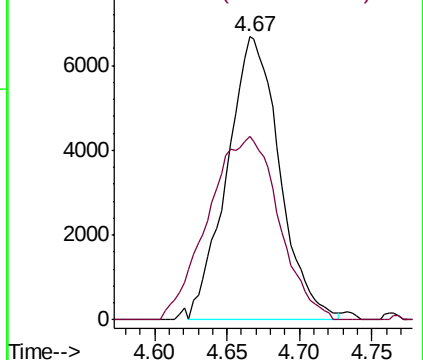
#25

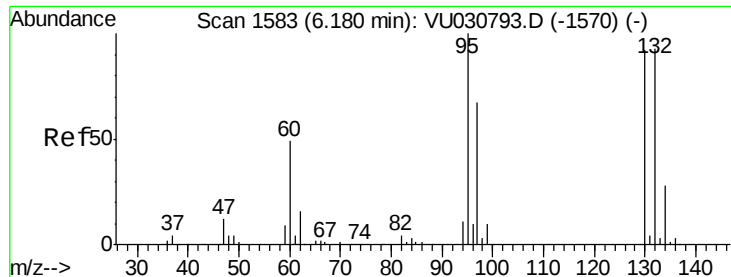
Chloroform
 Concen: 2.409 ug/L
 RT: 4.67 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VU030814.D
 Acq: 06 Apr 2019 20:31

Tgt Ion: 83 Resp: 16861
 Ion Ratio Lower Upper
 83 100
 85 64.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 1.543 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU030814.D

Acq: 06 Apr 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

DB6Y4

Tgt Ion: 95 Resp: 5687

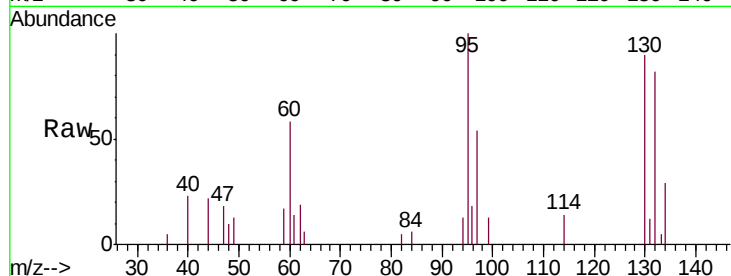
Ion Ratio Lower Upper

95 100

97 53.6 44.5 82.7

132 82.1 61.5 114.1

130 89.5 64.9 120.5



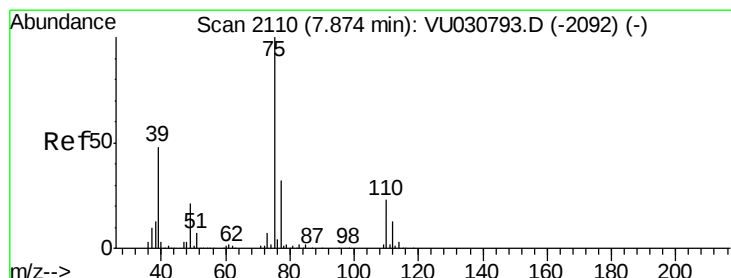
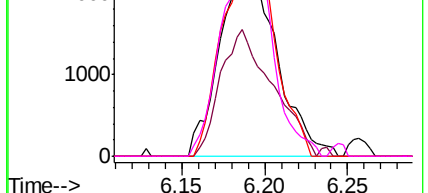
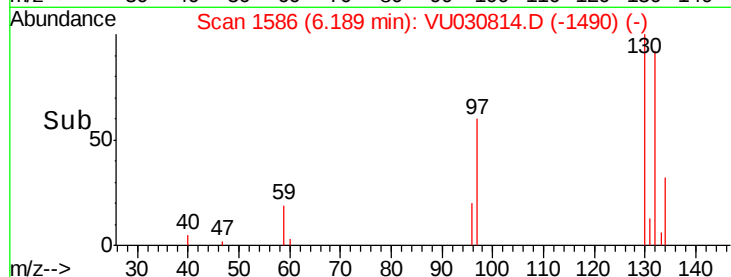
Abundance Ion 95.00 (94.70 to 95.70): VU030814.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU030814.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU030814.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU030814.D (-1490) (-)

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.771 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030814.D

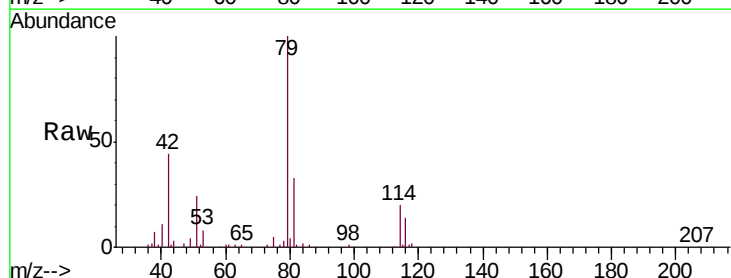
Acq: 06 Apr 2019 20:31

Tgt Ion: 75 Resp: 4116

Ion Ratio Lower Upper

75 100

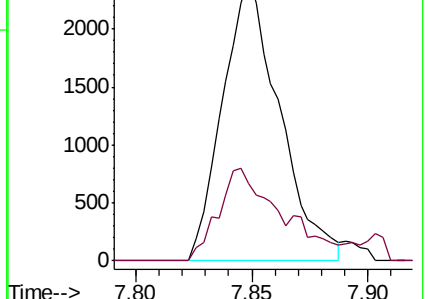
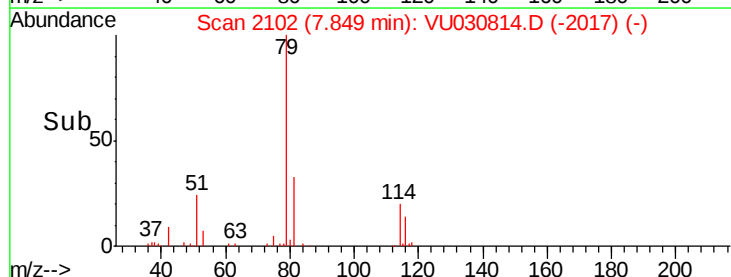
77 27.2 21.6 40.0

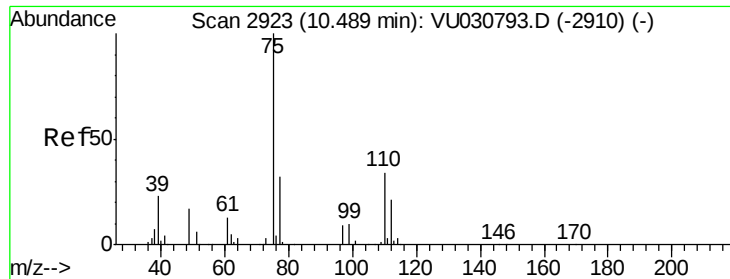


Abundance Ion 75.00 (74.70 to 75.70): VU030814.D (-217) (-)

Ion 77.00 (76.70 to 77.70): VU030814.D (-217) (-)

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.046 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030814.D

Acq: 06 Apr 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

DB6Y4

Tgt Ion: 75 Resp: 25710

Ion Ratio Lower Upper

75 100

77 36.2 26.1 39.1

