

Data File : VU030831.D
Acq On : 07 Apr 2019 03:24
Operator : JC/SP
Sample : K2260-09DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETJ58DL

Quant Time: Apr 08 08:47:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	458423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	209701	51.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.48%
7) Chloroethane-d5	1.68	69	161961	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.30%
11) 1,1-Dichloroethene-d2	2.27	63	284376	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.84%
21) 2-Butanone-d5	4.17	46	348746	107.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.53%
24) Chloroform-d	4.64	84	313974	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
26) 1,2-Dichloroethane-d4	5.31	65	222763	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
32) Benzene-d6	5.34	84	655180	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.32	67	229039	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.52%
41) Toluene-d8	7.56	98	545656	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%
43) trans-1,3-Dichloropropene-	7.85	79	93464	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.31	63	200131	97.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301710	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	183880	51.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.64%

Target Compounds

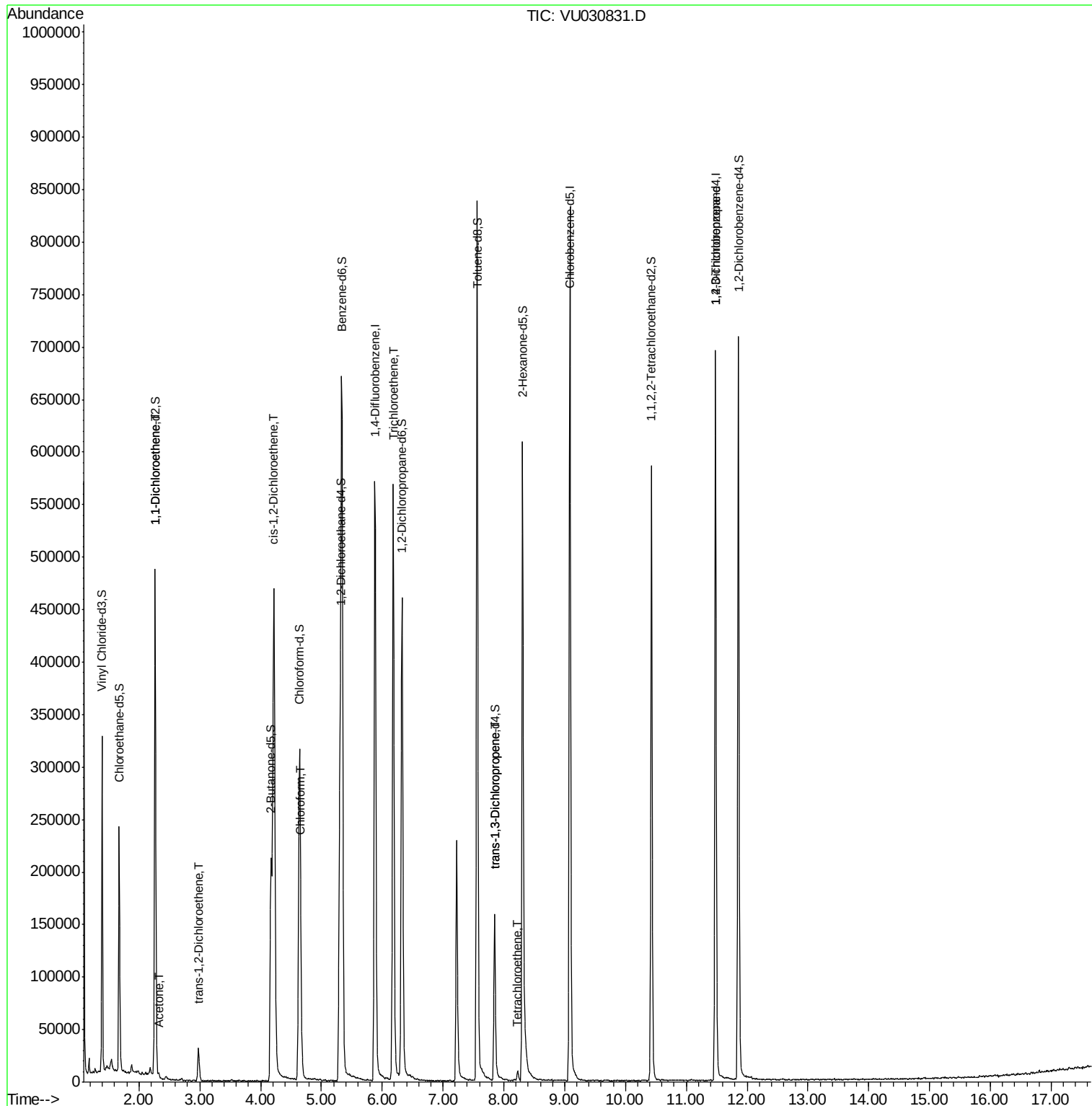
					Qvalue
12) 1,1-Dichloroethene	2.27	96	3149	0.994 ug/L #	1
13) Acetone	2.31	43	1887	0.569 ug/L	49
17) trans-1,2-Dichloroethene	2.98	96	11197	3.328 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	250489	67.424 ug/L	96
25) Chloroform	4.67	83	18789	2.692 ug/L	95
34) Trichloroethene	6.18	95	208765	57.666 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	4174	0.796 ug/L	88
46) Tetrachloroethene	8.23	164	1968	0.748 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	23796	4.754 ug/L #	88

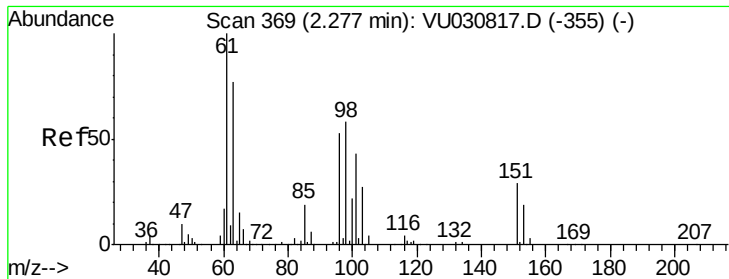
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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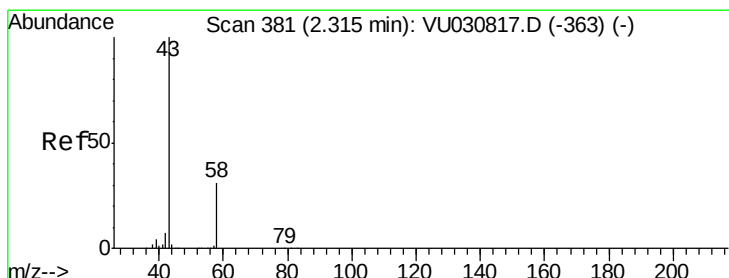
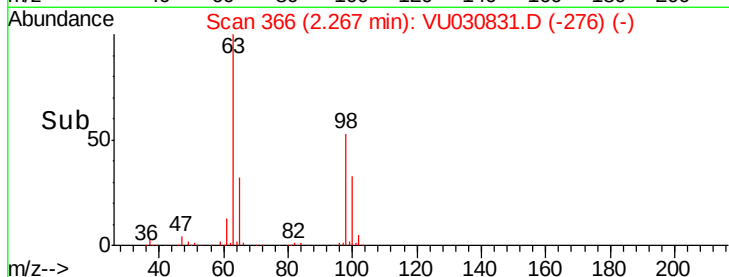
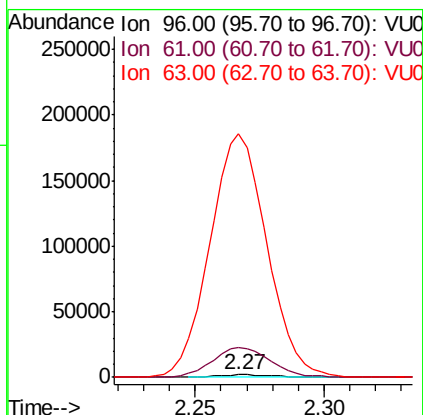
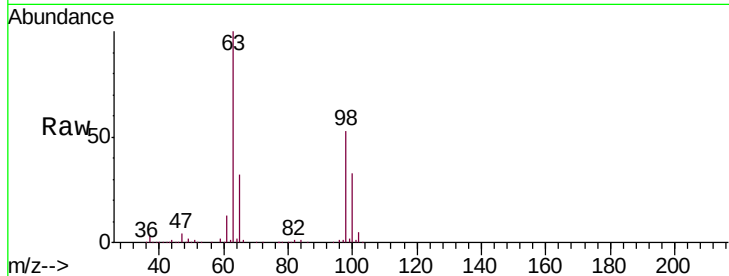




#12
 1,1-Dichloroethene
 Concen: 0.994 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU030831.D
 Acq: 07 Apr 2019 03:24

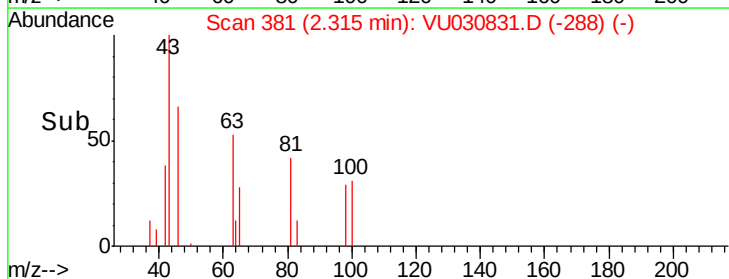
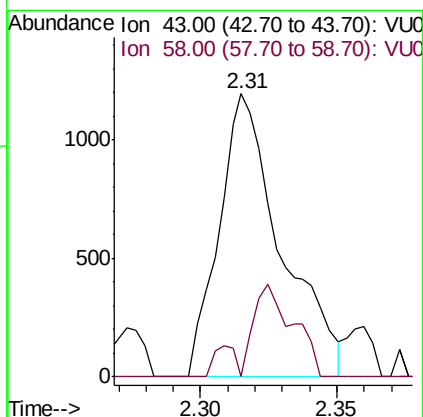
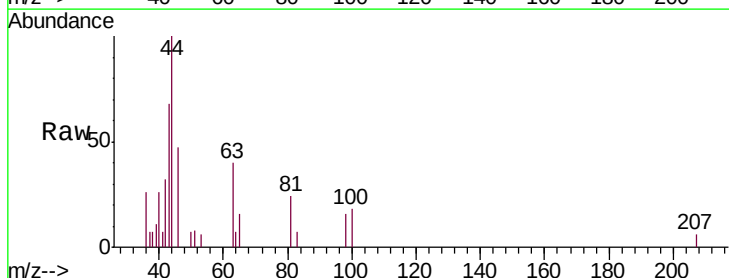
Instrument :
 MSVOA_U
 ClientSampleID :
 ETJ58DL

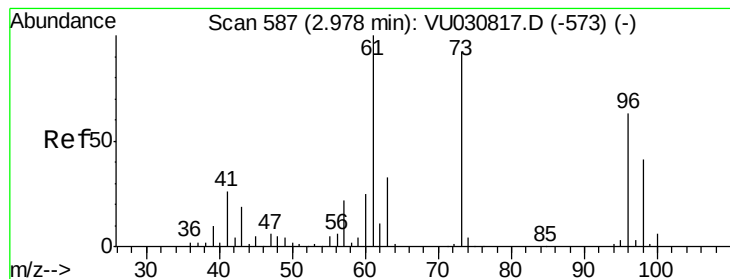
Tgt Ion: 96 Resp: 3149
 Ion Ratio Lower Upper
 96 100
 61 1172.5 132.0 245.2#
 63 9377.0 90.9 168.9#



#13
 Acetone
 Concen: 0.569 ug/L
 RT: 2.31 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VU030831.D
 Acq: 07 Apr 2019 03:24

Tgt Ion: 43 Resp: 1887
 Ion Ratio Lower Upper
 43 100
 58 3.7 0.0 64.0





#17

trans-1,2-Dichloroethene

Concen: 3.328 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU030831.D

Acq: 07 Apr 2019 03:24

Instrument :

MSVOA_U

ClientSampleId :

ETJ58DL

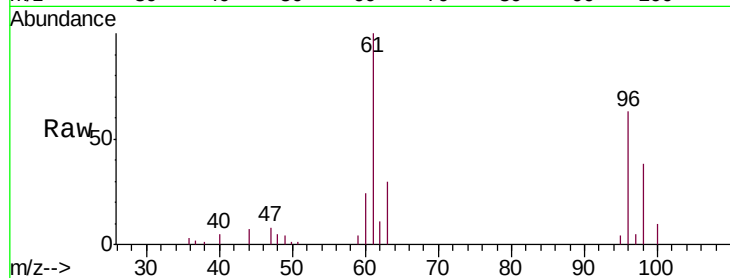
Tgt Ion: 96 Resp: 11197

Ion Ratio Lower Upper

96 100

61 159.9 109.5 203.3

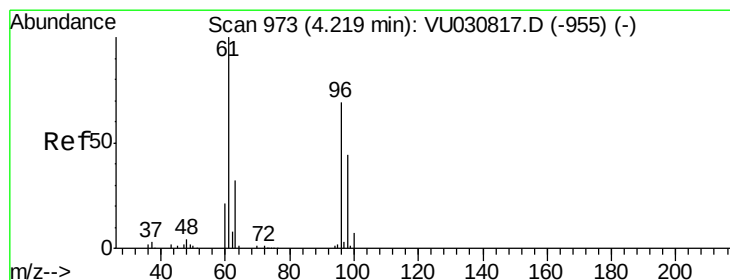
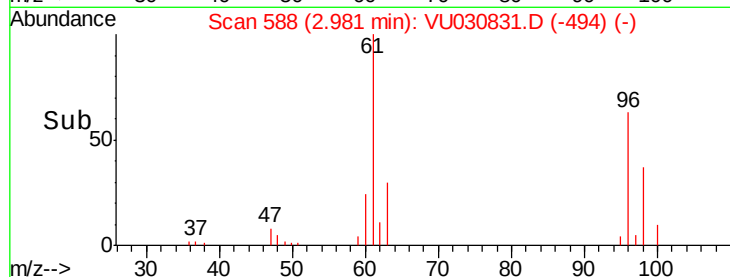
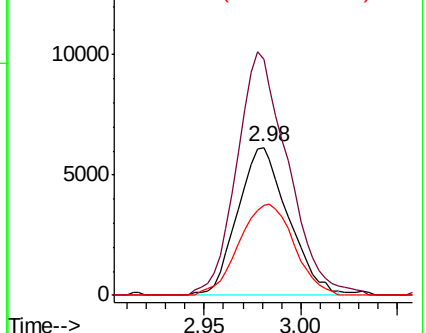
98 60.9 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU030831.D (-588) (-)

Ion 61.00 (60.70 to 61.70): VU030831.D (-588) (-)

Ion 98.00 (97.70 to 98.70): VU030831.D (-588) (-)



#20

cis-1,2-Dichloroethene

Concen: 67.424 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030831.D

Acq: 07 Apr 2019 03:24

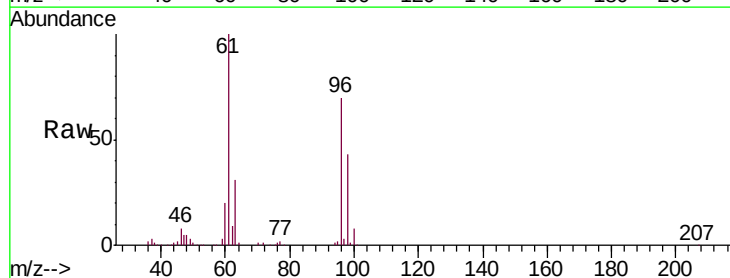
Tgt Ion: 96 Resp: 250489

Ion Ratio Lower Upper

96 100

61 142.4 102.9 191.1

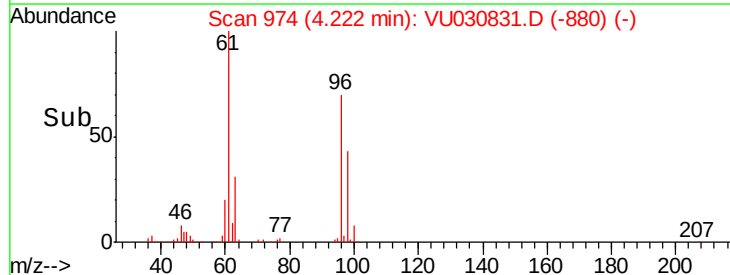
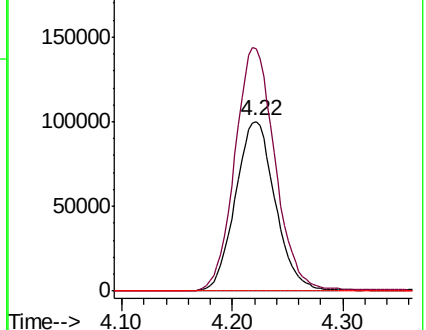
68 0.0 0.0 0.0

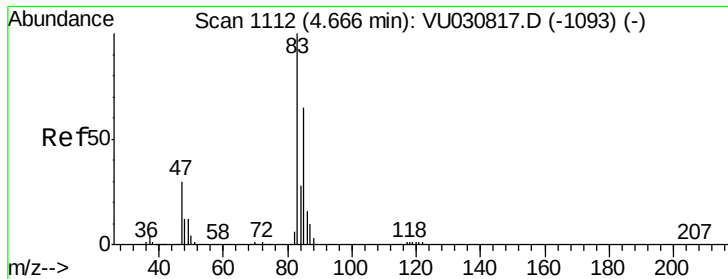


Abundance Ion 96.00 (95.70 to 96.70): VU030831.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU030831.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU030831.D (-880) (-)





#25

Chloroform

Concen: 2.692 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030831.D

Acq: 07 Apr 2019 03:24

Instrument :

MSVOA_U

ClientSampleId :

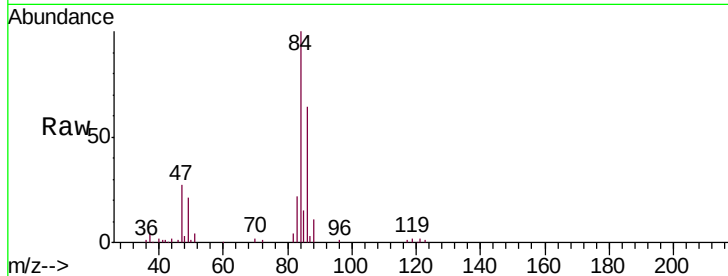
ETJ58DL

Tgt Ion: 83 Resp: 18789

Ion Ratio Lower Upper

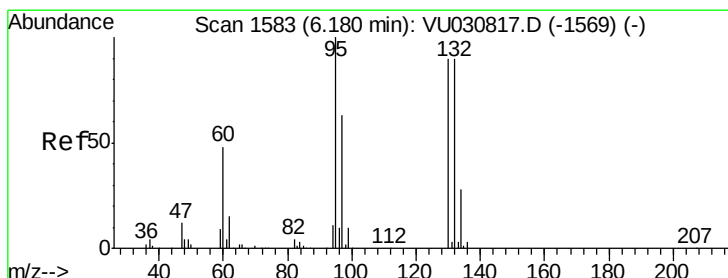
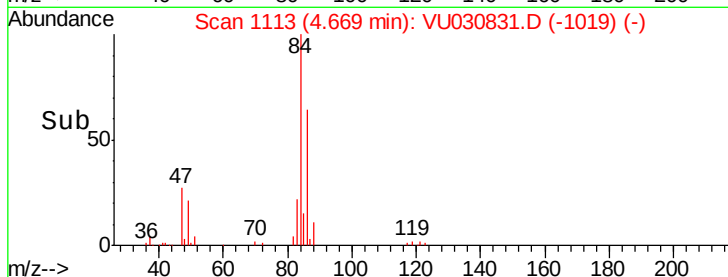
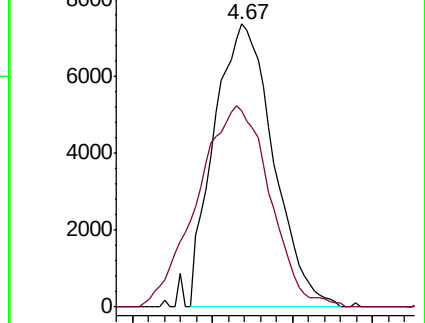
83 100

85 69.3 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030831.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU030831.D (-1019) (-)



#34

Trichloroethene

Concen: 57.666 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030831.D

Acq: 07 Apr 2019 03:24

Tgt Ion: 95 Resp: 208765

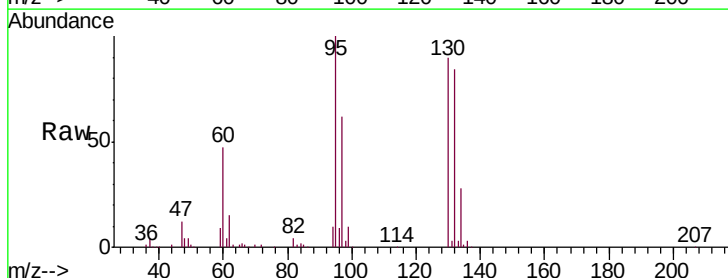
Ion Ratio Lower Upper

95 100

97 61.8 44.5 82.7

132 84.4 61.5 114.1

130 90.0 64.9 120.5

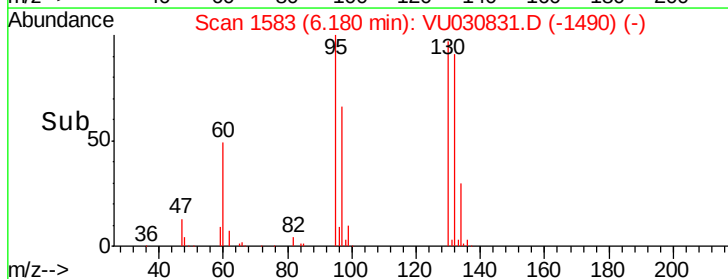
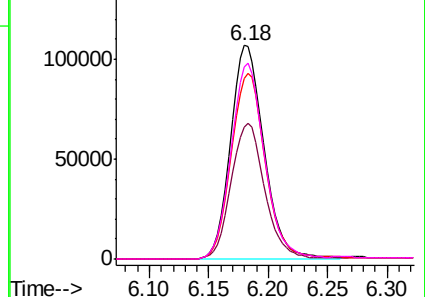


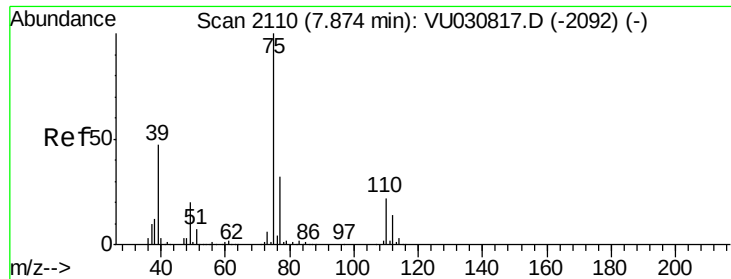
Abundance Ion 95.00 (94.70 to 95.70): VU030831.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU030831.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU030831.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU030831.D (-1490) (-)

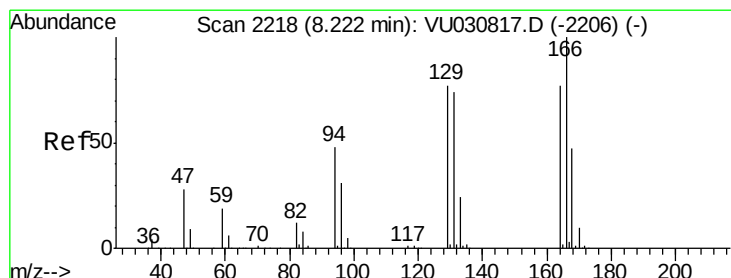
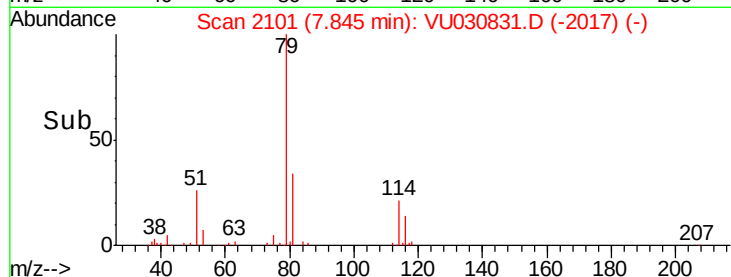
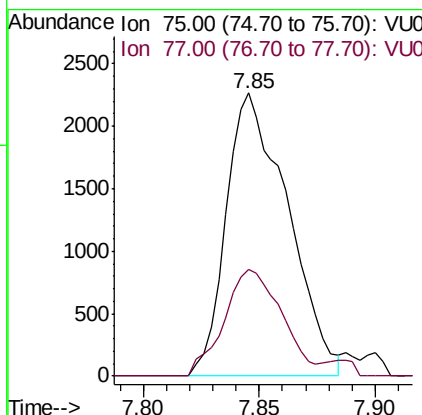
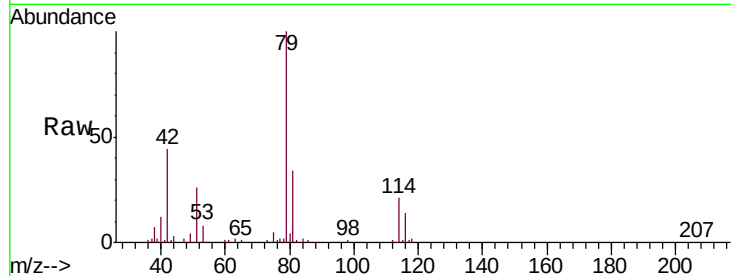




#44
trans-1,3-Dichloropropene
Concen: 0.796 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030831.D
Acq: 07 Apr 2019 03:24

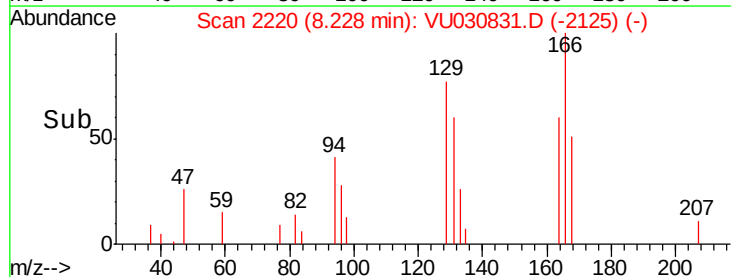
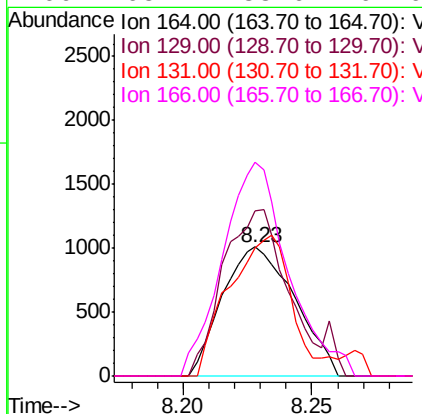
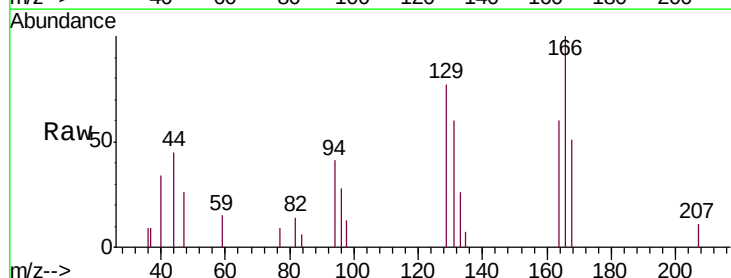
Instrument :
MSVOA_U
ClientSampled :
ETJ58DL

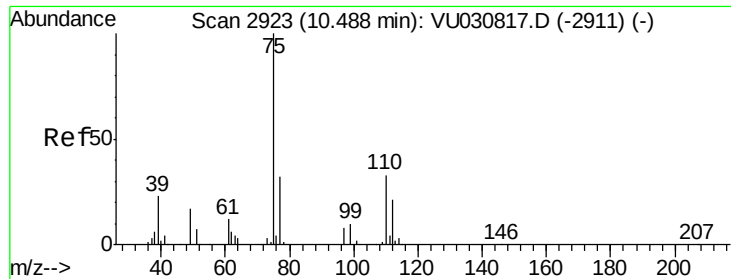
Tgt Ion: 75 Resp: 4174
Ion Ratio Lower Upper
75 100
77 37.6 21.6 40.0



#46
Tetrachloroethene
Concen: 0.748 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU030831.D
Acq: 07 Apr 2019 03:24

Tgt Ion: 164 Resp: 1968
Ion Ratio Lower Upper
164 100
129 127.8 67.4 125.2#
131 99.3 65.9 122.5
166 165.7 88.6 164.6#





#59

1,2,3-Trichloropropane

Concen: 4.754 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030831.D

Acq: 07 Apr 2019 03:24

Instrument :

MSVOA_U

ClientSampleId :

ETJ58DL

Tgt Ion: 75 Resp: 23796

Ion Ratio Lower Upper

75 100

77 39.2 26.1 39.1#

