

Data File : VU030150.D
Acq On : 16 Mar 2019 17:18
Operator : JC/SP
Sample : K1936-05
Misc : 5.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0W2

Quant Time: Mar 18 04:29:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	572930	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	582242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	127099	33.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.08%
7) Chloroethane-d5	1.73	69	304	0.10	ug/L	0.05
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.20%#
11) 1,1-Dichloroethene-d2	2.23	63	177413	25.94	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.88%#
21) 2-Butanone-d5	4.19	46	242765	85.50	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.50%
24) Chloroform-d	4.64	84	257772	37.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.84%
26) 1,2-Dichloroethane-d4	5.30	65	156328	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.62%
32) Benzene-d6	5.33	84	541244	36.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.22%
36) 1,2-Dichloropropane-d6	6.32	67	174493	38.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.08%
41) Toluene-d8	7.56	98	484682	34.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.08%#
43) trans-1,3-Dichloropropene-	7.85	79	78738	35.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.88%
47) 2-Hexanone-d5	8.32	63	222868	86.83	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310642	44.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	237623	39.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.82%#

Target Compounds

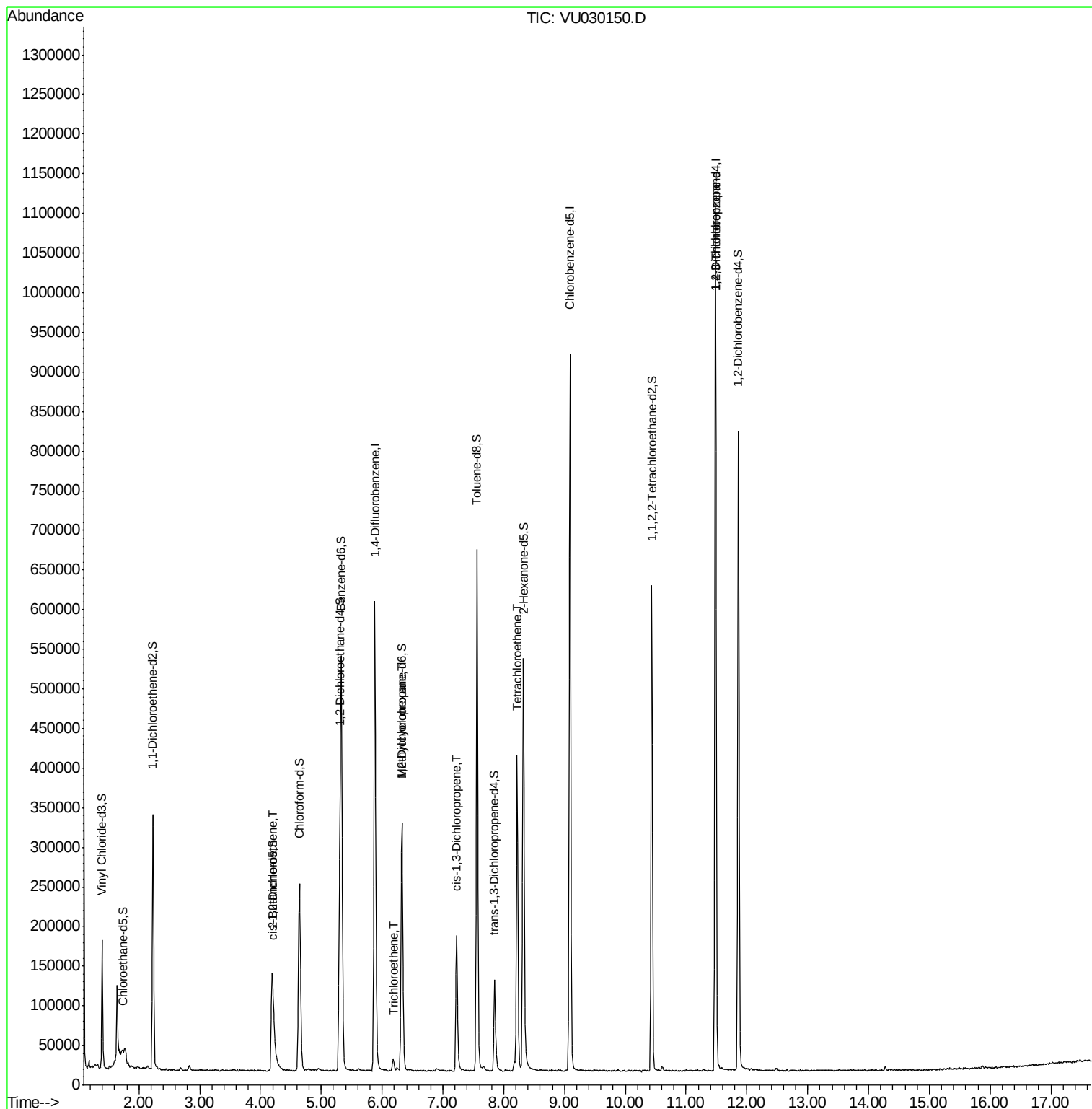
					Qvalue
20) cis-1,2-Dichloroethene	4.21	96	8174	1.836	ug/L 88
34) Trichloroethene	6.18	95	5610	1.285	ug/L 92
35) Methylcyclohexane	6.32	83	40030	5.653	ug/L # 21
39) cis-1,3-Dichloropropene	7.22	75	3990	0.585	ug/L # 71
46) Tetrachloroethene	8.22	164	99311	25.988	ug/L 98
59) 1,2,3-Trichloropropane	11.48	75	31144	5.457	ug/L 90

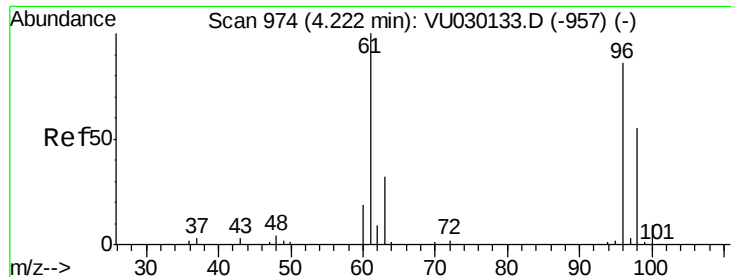
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.836 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BF0W2

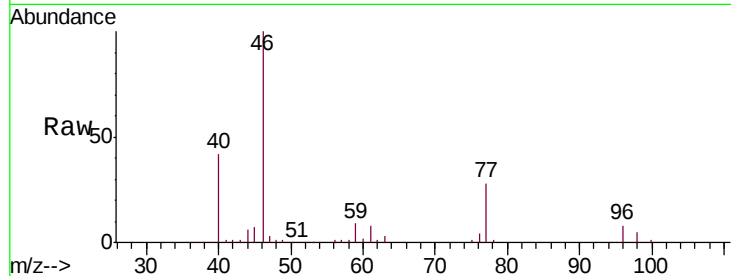
Tgt Ion: 96 Resp: 8174

Ion Ratio Lower Upper

96 100

61 102.2 80.8 150.2

68 0.0 0.0 0.0

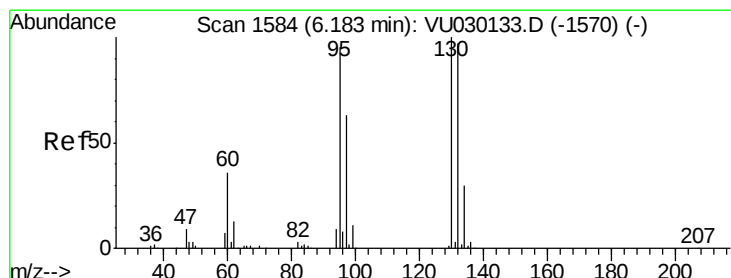
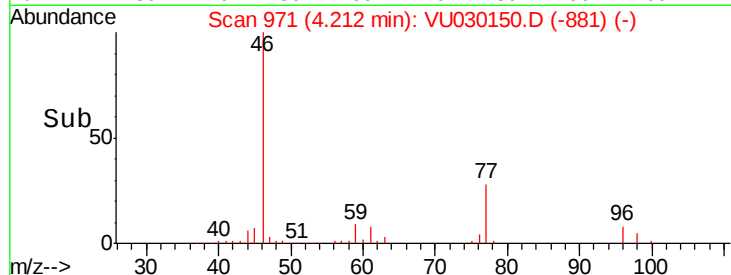
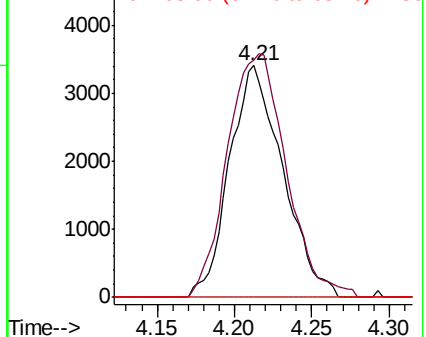


Abundance

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: 1.285 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030150.D

Acq: 16 Mar 2019 17:18

Tgt Ion: 95 Resp: 5610

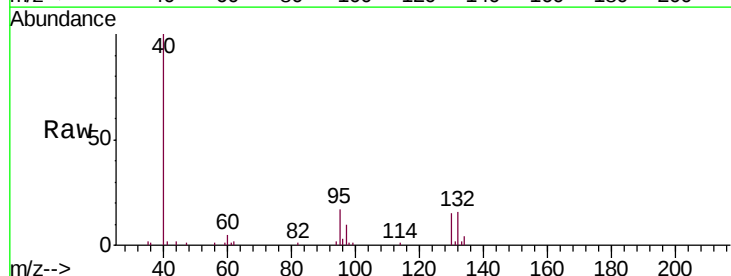
Ion Ratio Lower Upper

95 100

97 62.1 45.5 84.5

132 94.6 71.5 132.7

130 93.7 73.5 136.5



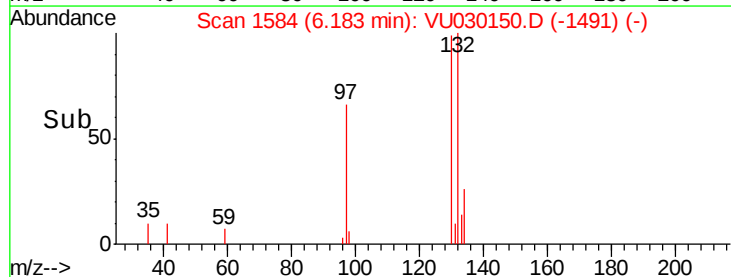
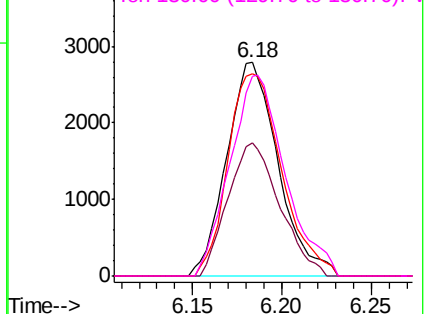
Abundance

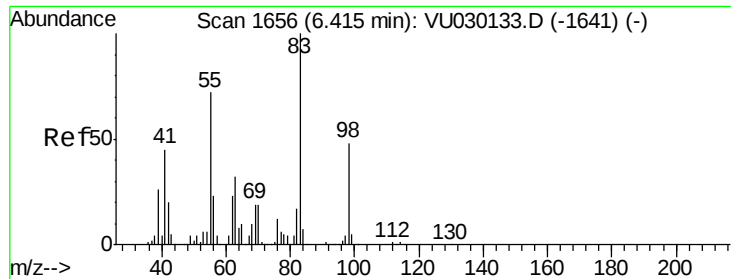
Ion 95.00 (94.70 to 95.70): VU0

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

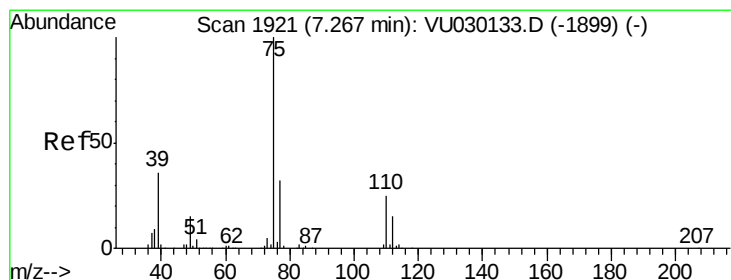
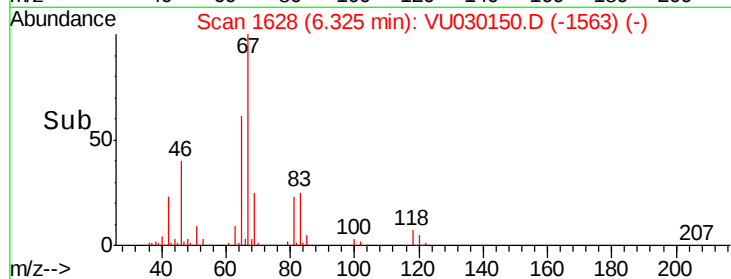
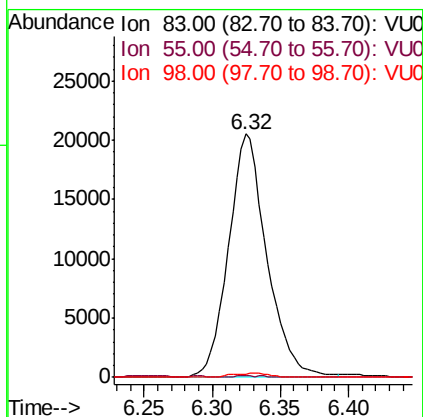
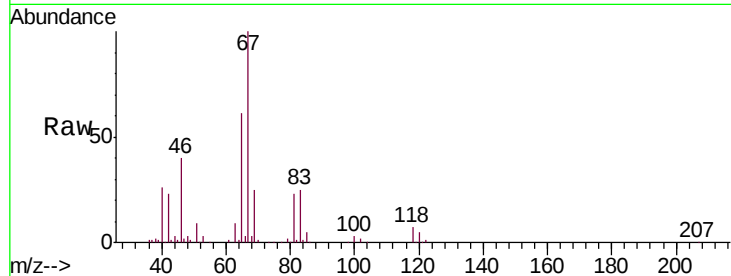




#35
Methylcyclohexane
Concen: 5.653 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU030150.D
Acq: 16 Mar 2019 17:18

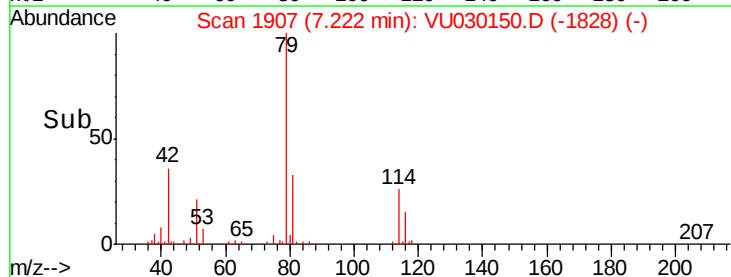
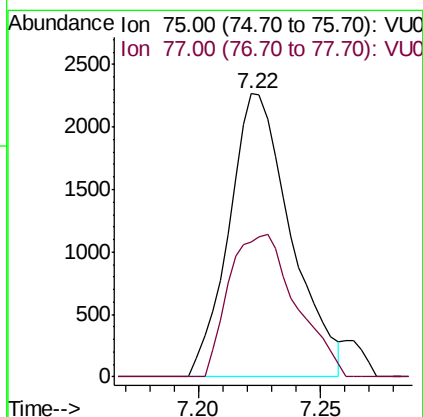
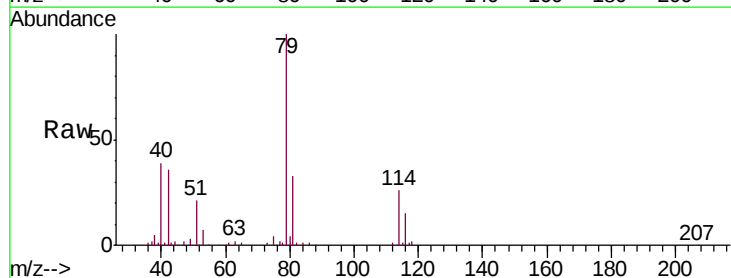
Instrument :
MSVOA_U
ClientSampleId :
BF0W2

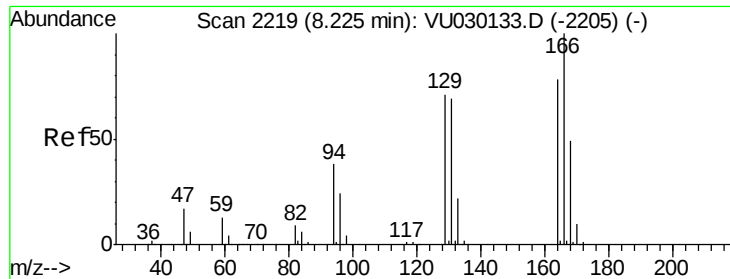
Tgt Ion: 83 Resp: 40030
Ion Ratio Lower Upper
83 100
55 0.2 56.6 84.8#
98 0.6 37.8 56.6#



#39
cis-1,3-Dichloropropene
Concen: 0.585 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU030150.D
Acq: 16 Mar 2019 17:18

Tgt Ion: 75 Resp: 3990
Ion Ratio Lower Upper
75 100
77 47.7 22.2 41.2#





#46

Tetrachloroethene

Concen: 25.988 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030150.D

Acq: 16 Mar 2019 17:18

Instrument :

MSVOA_U

ClientSampleId :

BF0W2

Tgt Ion:164 Resp: 99311

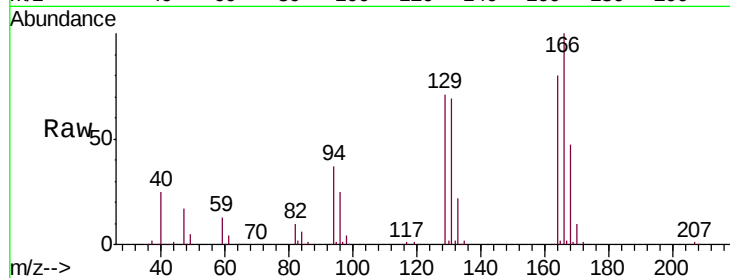
Ion Ratio Lower Upper

164 100

129 89.5 63.3 117.7

131 86.6 62.0 115.2

166 125.2 90.5 168.1

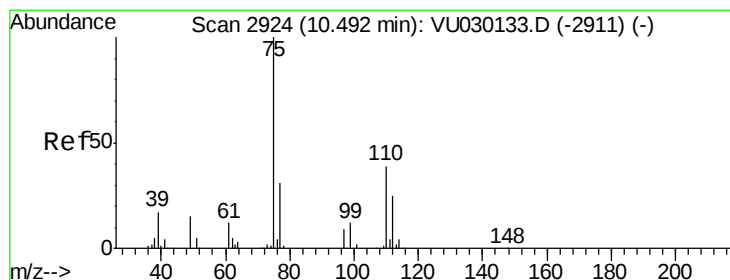
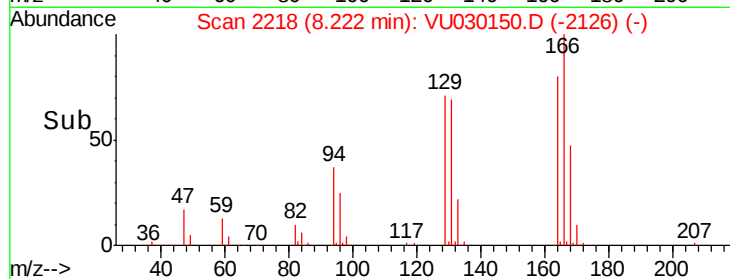
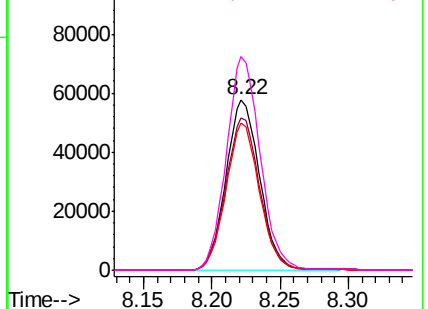


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.457 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030150.D

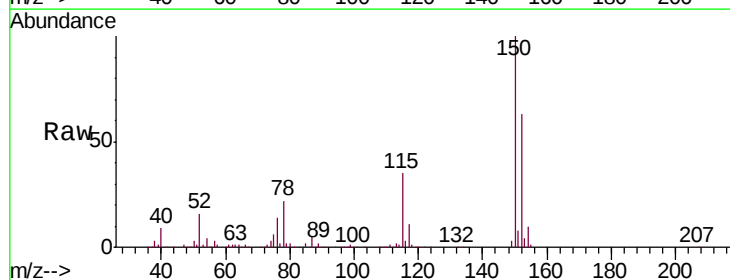
Acq: 16 Mar 2019 17:18

Tgt Ion: 75 Resp: 31144

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

