

Data File : VU030148.D
Acq On : 16 Mar 2019 16:32
Operator : JC/SP
Sample : K1936-17DL 10X
Misc : 5.35/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0Y0DL

Quant Time: Mar 18 04:28:54 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	569458	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	564582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	268542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136641	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.56%
7) Chloroethane-d5	1.67	69	120339	39.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.16%
11) 1,1-Dichloroethene-d2	2.27	63	196016	28.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.66%#
21) 2-Butanone-d5	4.17	46	269577	95.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.52%
24) Chloroform-d	4.64	84	280495	41.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.02%
26) 1,2-Dichloroethane-d4	5.31	65	171133	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
32) Benzene-d6	5.34	84	593747	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.33	67	190840	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.82%
41) Toluene-d8	7.56	98	526780	38.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.42%#
43) trans-1,3-Dichloropropene-	7.85	79	86328	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.31	63	230850	92.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308657	45.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	233686	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%

Target Compounds

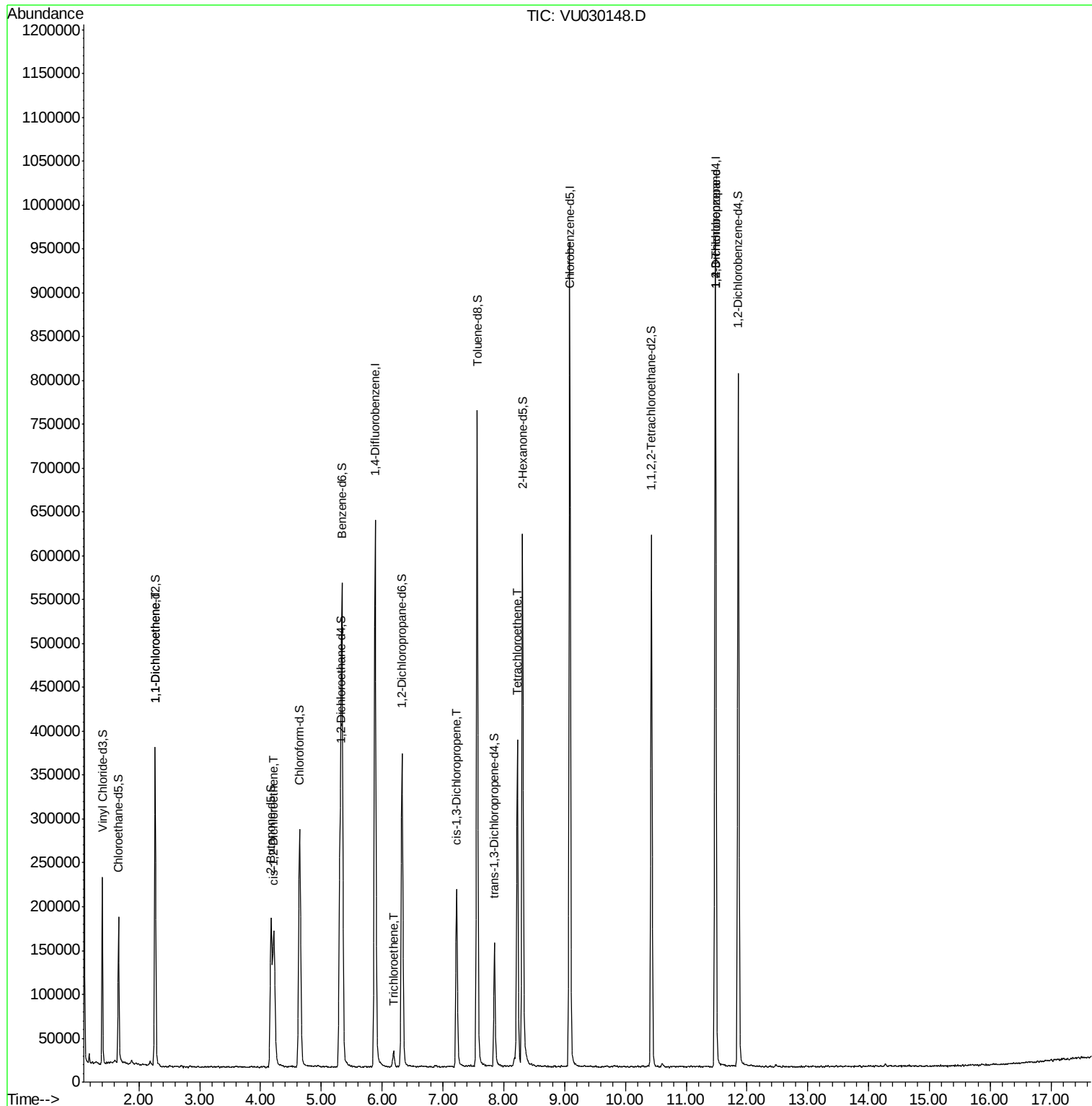
					Qvalue
12) 1,1-Dichloroethene	2.27	96	2085	0.584 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	85570	19.338 ug/L	98
34) Trichloroethene	6.19	95	6342	1.498 ug/L	94
39) cis-1,3-Dichloropropene	7.22	75	4733	0.716 ug/L #	68
46) Tetrachloroethene	8.22	164	92296	24.908 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	27334	4.939 ug/L	92

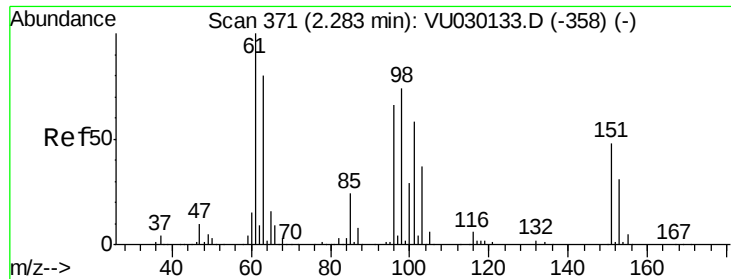
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.584 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 16 Mar 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

BF0Y0DL

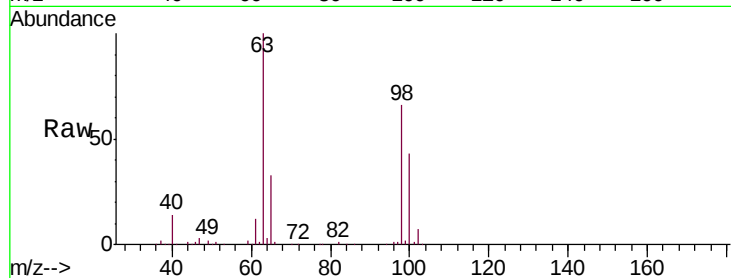
Tgt Ion: 96 Resp: 2085

Ion Ratio Lower Upper

96 100

61 1172.0 110.4 205.0#

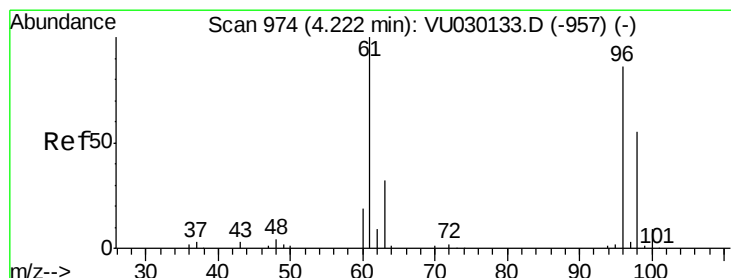
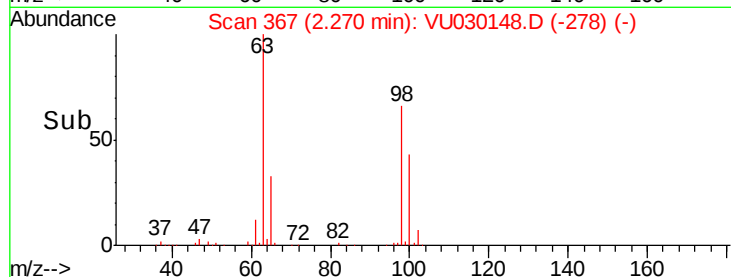
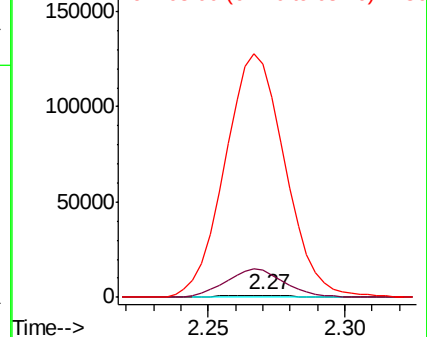
63 10097.2 86.5 160.7#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 19.338 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU030148.D

Acq: 16 Mar 2019 16:32

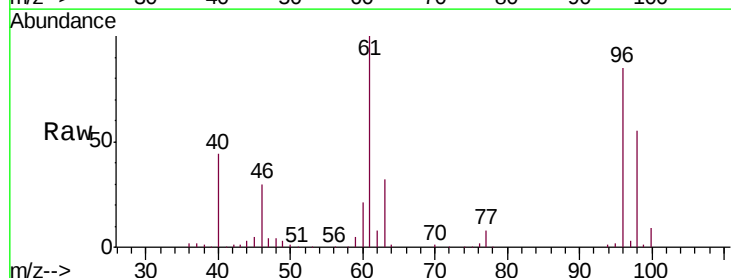
Tgt Ion: 96 Resp: 85570

Ion Ratio Lower Upper

96 100

61 117.3 80.8 150.2

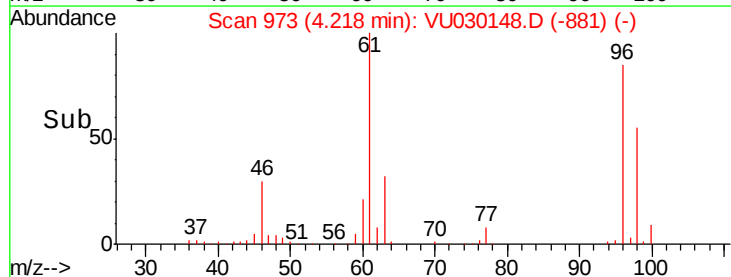
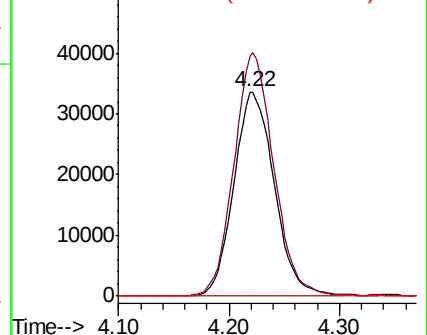
68 0.0 0.0 0.0

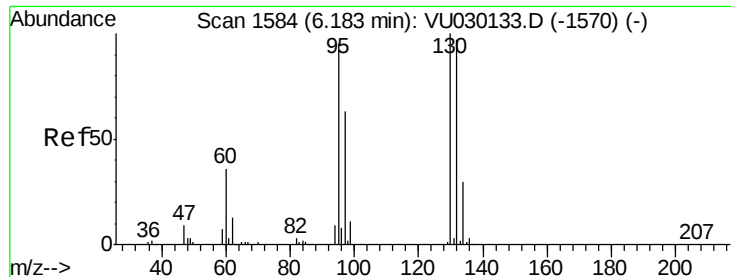


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 1.498 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU030148.D

Acq: 16 Mar 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

BF0Y0DL

Tgt Ion: 95 Resp: 6342

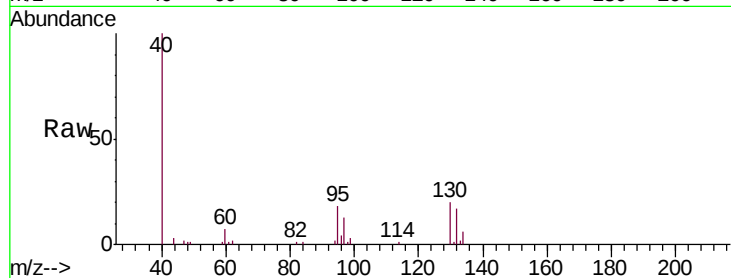
Ion Ratio Lower Upper

95 100

97 68.9 45.5 84.5

132 91.7 71.5 132.7

130 107.6 73.5 136.5

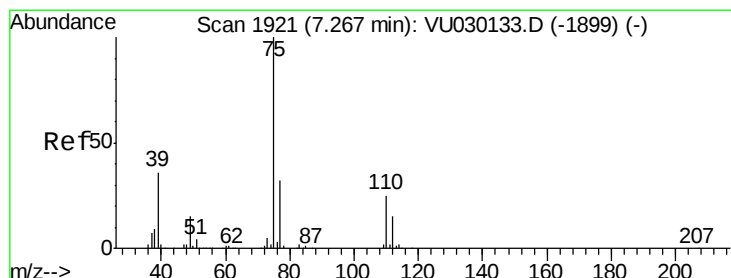
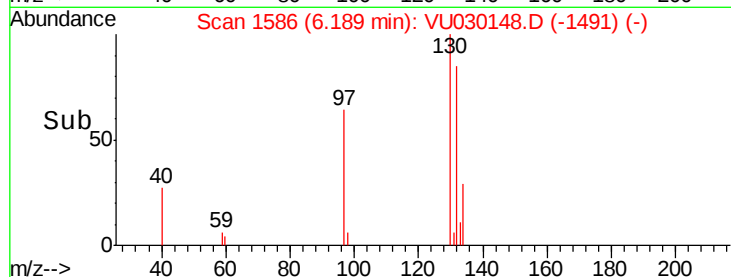
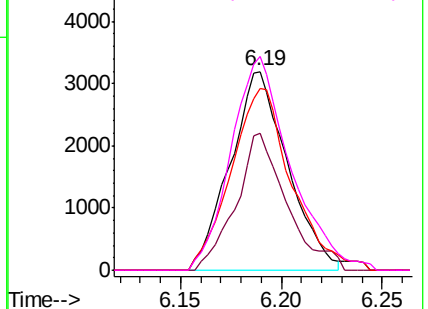


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#39

cis-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030148.D

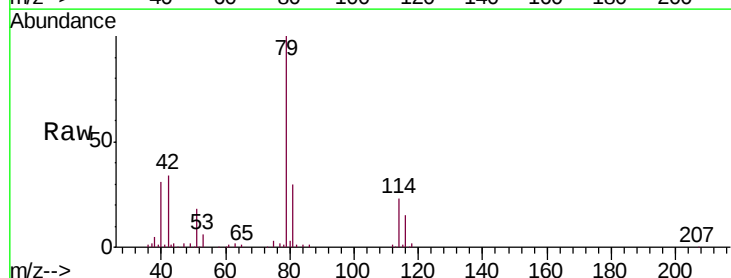
Acq: 16 Mar 2019 16:32

Tgt Ion: 75 Resp: 4733

Ion Ratio Lower Upper

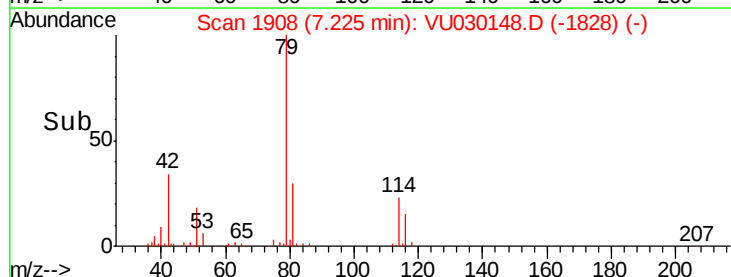
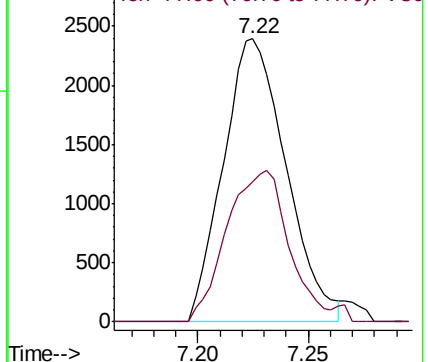
75 100

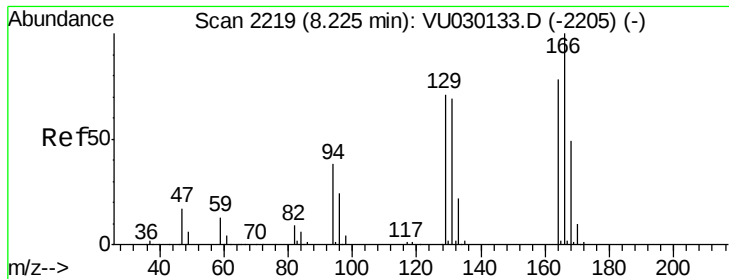
77 49.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 24.908 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030148.D

Acq: 16 Mar 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

BF0Y0DL

Tgt Ion:164 Resp: 92296

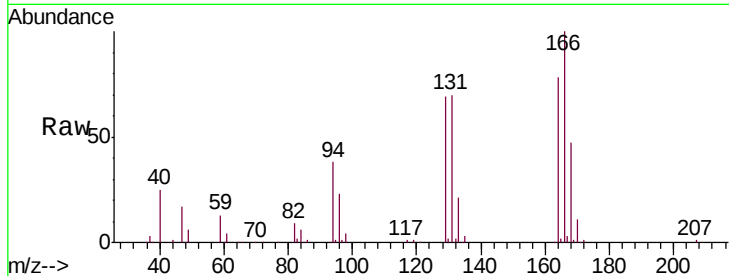
Ion Ratio Lower Upper

164 100

129 88.5 63.3 117.7

131 88.7 62.0 115.2

166 127.5 90.5 168.1

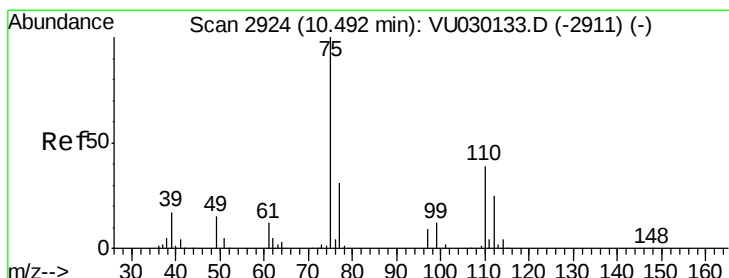
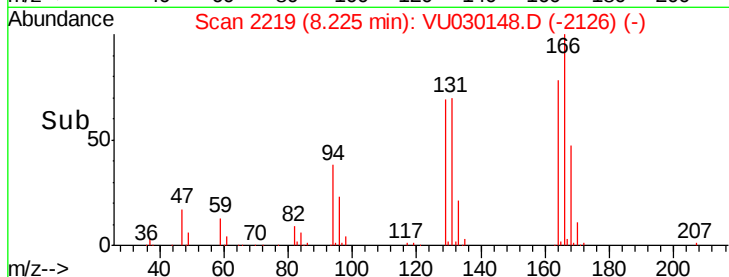
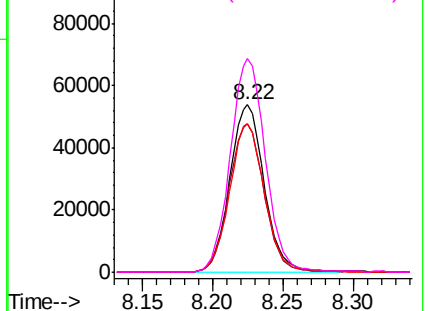


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.939 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030148.D

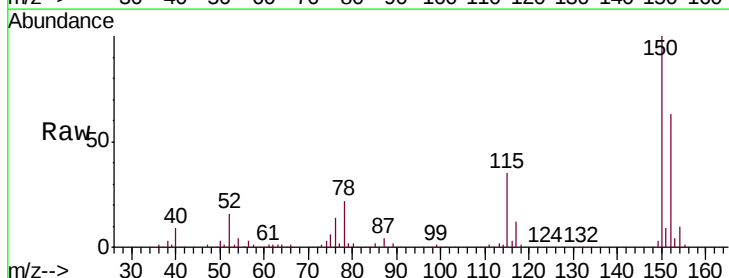
Acq: 16 Mar 2019 16:32

Tgt Ion: 75 Resp: 27334

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

