

Data File : VU030139.D
Acq On : 16 Mar 2019 12:56
Operator : JC/SP
Sample : K1936-04
Misc : 5.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0W1

Quant Time: Mar 18 04:27:25 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	505859	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	517528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	283603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139402	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.32%
7) Chloroethane-d5	1.64	69	69084	25.58	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.16%#
11) 1,1-Dichloroethene-d2	2.23	63	194941	32.28	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.56%
21) 2-Butanone-d5	4.19	46	246677	98.40	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.64	84	275756	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	5.30	65	165907	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
32) Benzene-d6	5.33	84	583647	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.32	67	187275	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.86%
41) Toluene-d8	7.56	98	532397	42.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.36%
43) trans-1,3-Dichloropropene-	7.85	79	87085	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
47) 2-Hexanone-d5	8.32	63	234707	102.88	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	335006	53.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	256514	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

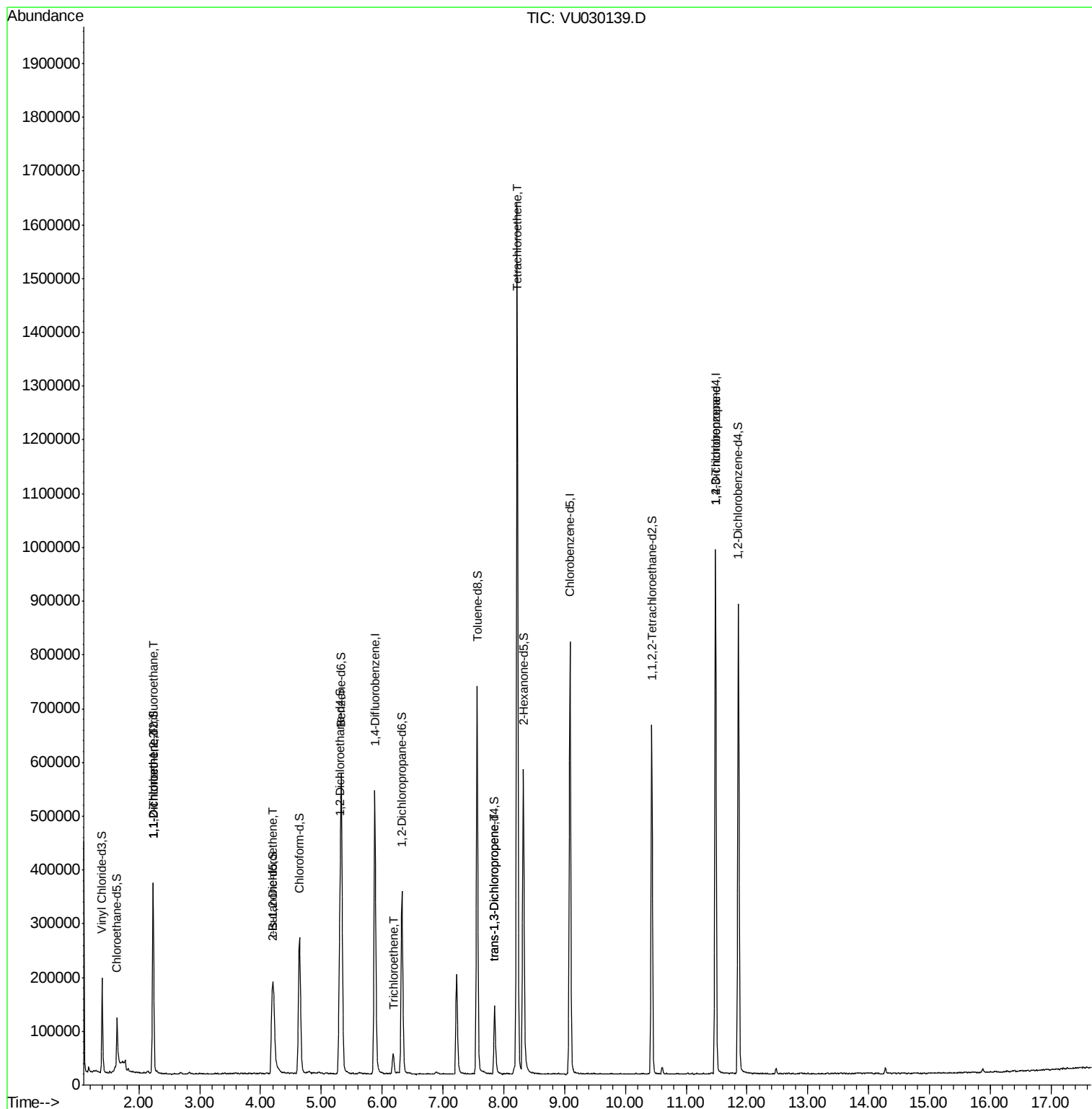
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2309	0.695	ug/L #	22
12) 1,1-Dichloroethene	2.23	96	2713	0.856	ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	55497	14.119	ug/L	96
34) Trichloroethene	6.18	95	13619	3.509	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3310	0.598	ug/L	84
46) Tetrachloroethene	8.22	164	391409	115.233	ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	28812	5.679	ug/L	92

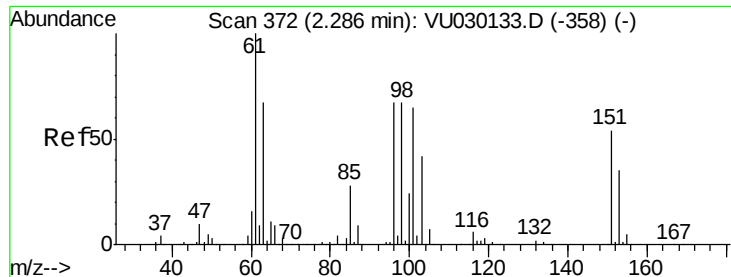
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030139.D
Acq On : 16 Mar 2019 12:56
Operator : JC/SP
Sample : K1936-04
Misc : 5.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0W1

Quant Time: Mar 18 04:27:25 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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.695 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030139.D

Acq: 16 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

BF0W1

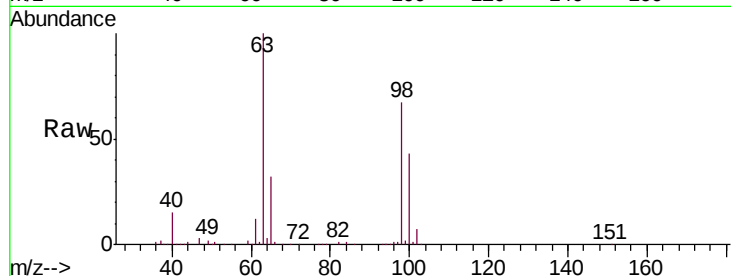
Tgt Ion: 101 Resp: 2309

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

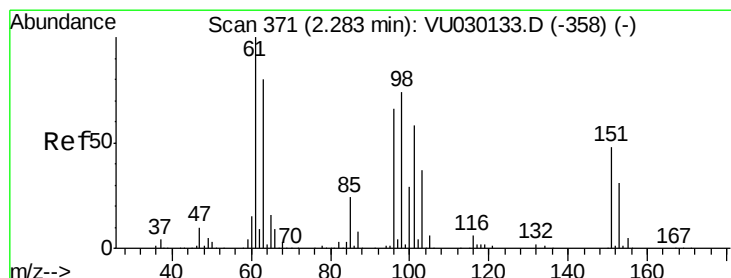
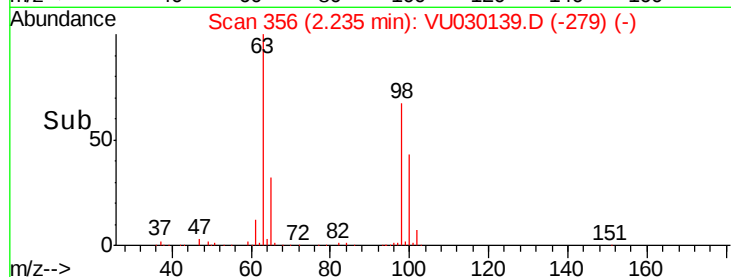
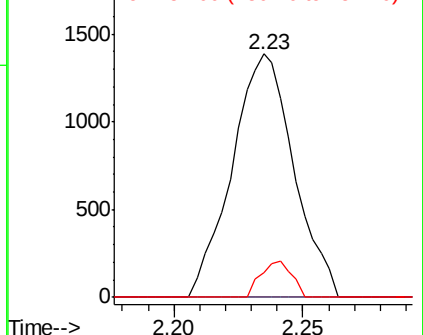
151 7.4 66.1 99.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.856 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030139.D

Acq: 16 Mar 2019 12:56

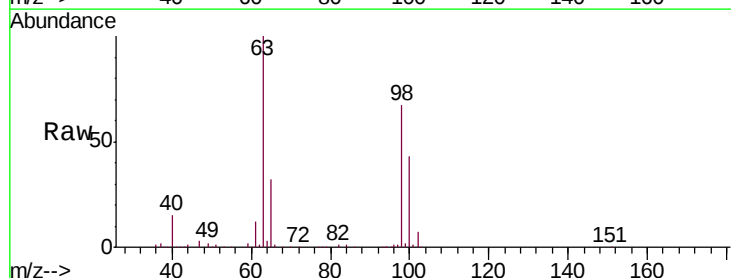
Tgt Ion: 96 Resp: 2713

Ion Ratio Lower Upper

96 100

61 966.8 110.4 205.0#

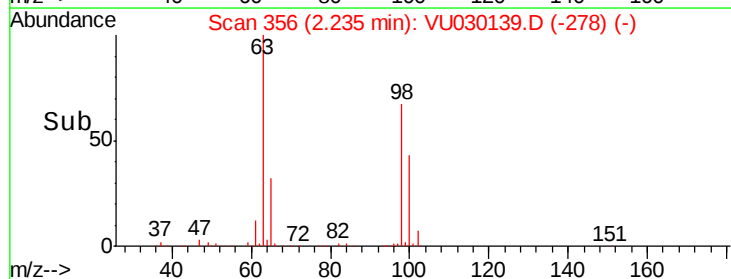
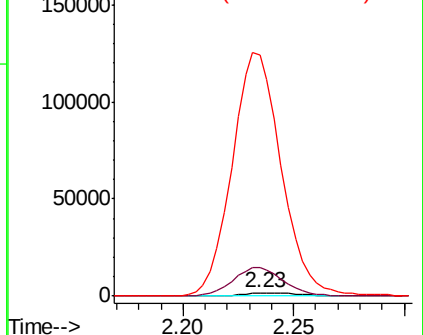
63 8146.5 86.5 160.7#

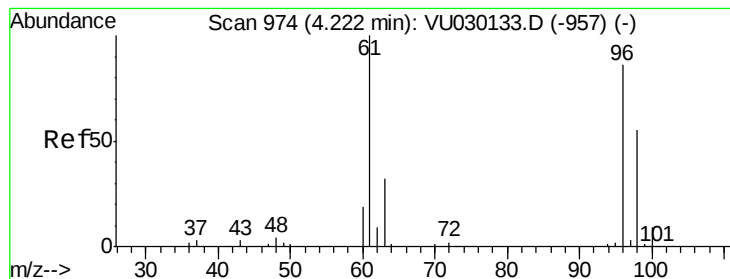


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 14.119 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

Lab File: VU030139.D

Acq: 16 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

BF0W1

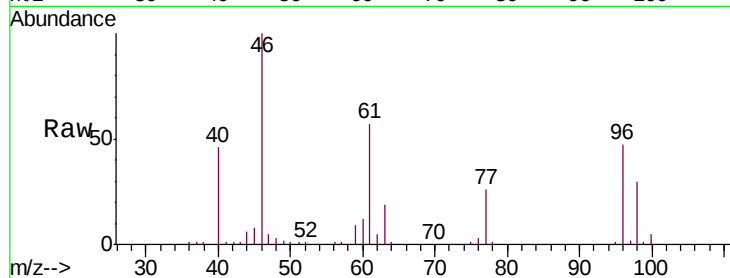
Tgt Ion: 96 Resp: 55497

Ion Ratio Lower Upper

96 100

61 119.6 80.8 150.2

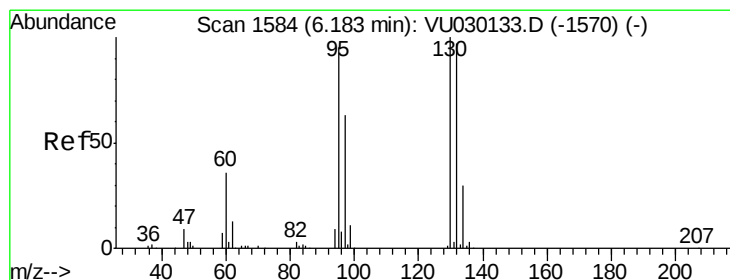
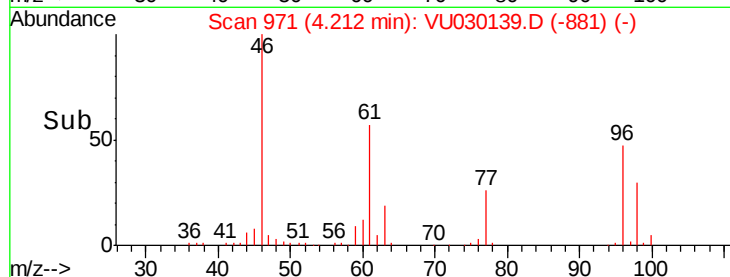
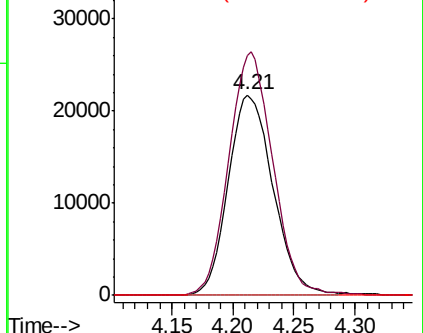
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030139.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU030139.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU030139.D (-957) (-)



#34

Trichloroethene

Concen: 3.509 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030139.D

Acq: 16 Mar 2019 12:56

Tgt Ion: 95 Resp: 13619

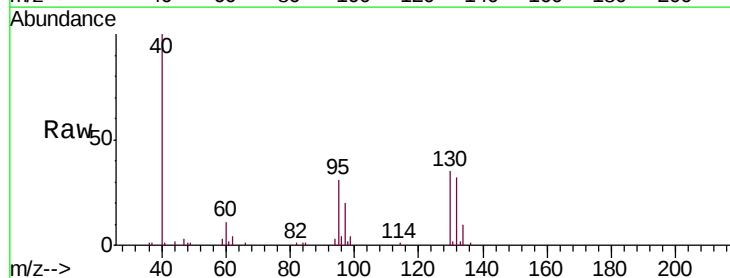
Ion Ratio Lower Upper

95 100

97 63.7 45.5 84.5

132 102.5 71.5 132.7

130 111.8 73.5 136.5

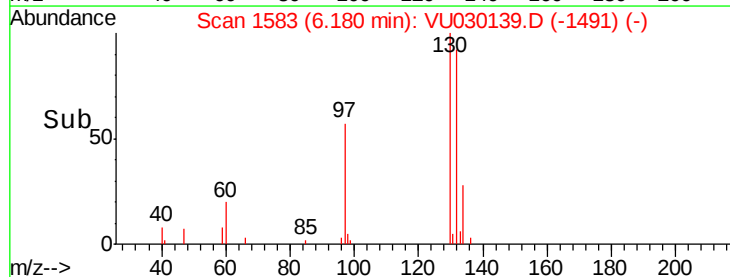
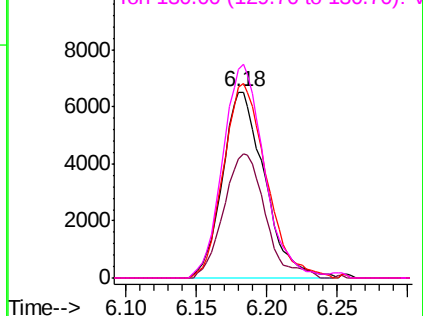


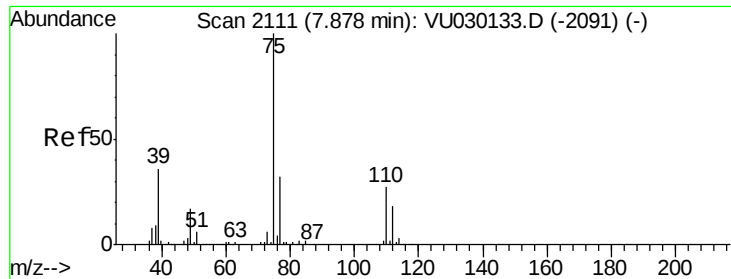
Abundance Ion 95.00 (94.70 to 95.70): VU030139.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU030139.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU030139.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU030139.D (-1491) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.598 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU030139.D

Acq: 16 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

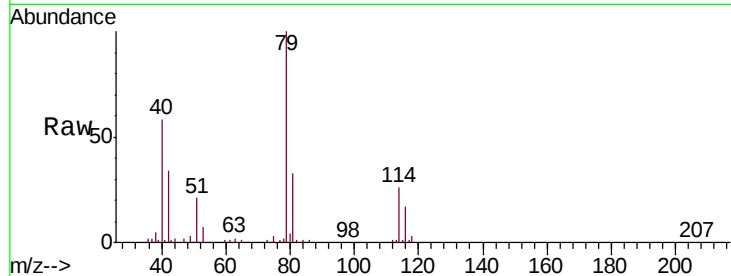
BF0W1

Tgt Ion: 75 Resp: 3310

Ion Ratio Lower Upper

75 100

77 40.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030139.D (-2103) (-)

Ion 77.00 (76.70 to 77.70): VU030139.D (-2103) (-)

7.85

1500

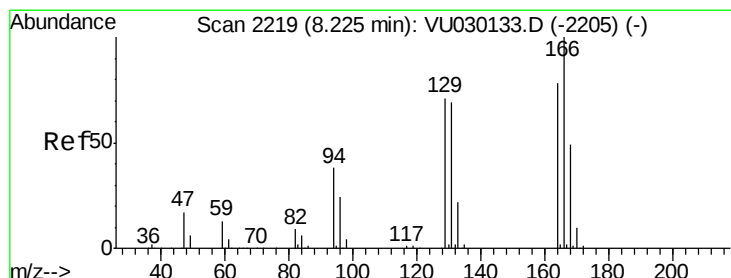
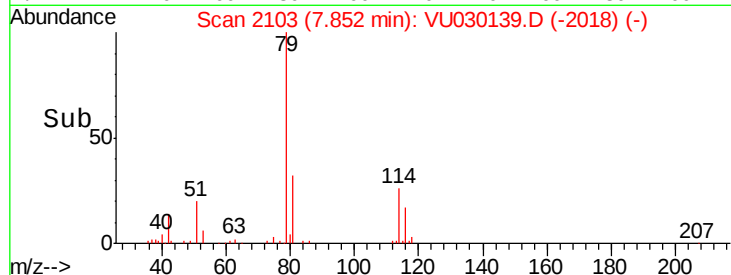
1000

500

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 115.233 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030139.D

Acq: 16 Mar 2019 12:56

Tgt Ion: 164 Resp: 391409

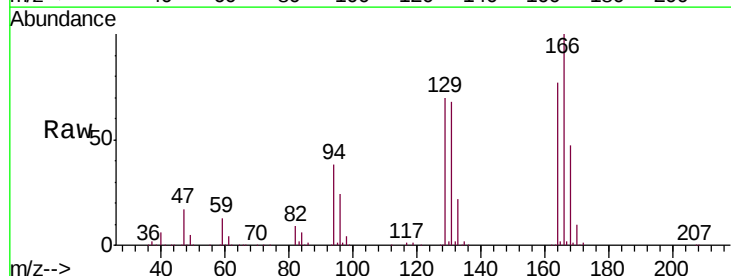
Ion Ratio Lower Upper

164 100

129 91.2 63.3 117.7

131 88.3 62.0 115.2

166 129.5 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030139.D (-2218) (-)

Ion 129.00 (128.70 to 129.70): VU030139.D (-2218) (-)

Ion 131.00 (130.70 to 131.70): VU030139.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VU030139.D (-2218) (-)

8.22

400000

300000

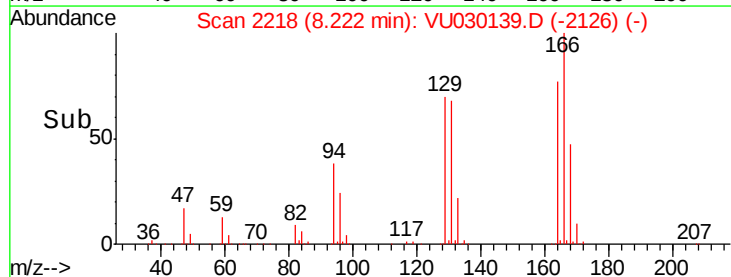
200000

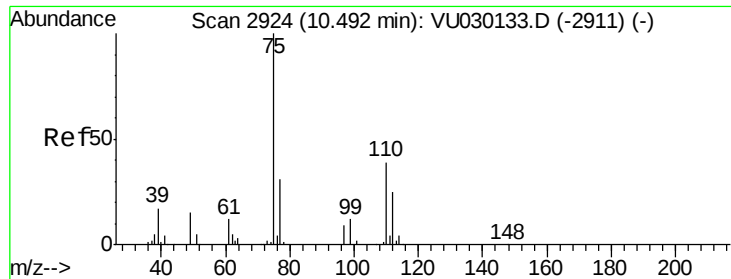
100000

0

8.15 8.20 8.25 8.30

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.679 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030139.D

Acq: 16 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

BF0W1

Tgt Ion: 75 Resp: 28812

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8

