

Data File : VU030140.D
Acq On : 16 Mar 2019 13:19
Operator : JC/SP
Sample : K1939-19
Misc : 5.75g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0Y2

Quant Time: Mar 18 04:27:35 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	506923	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	517166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	275920	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	139302	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.10%
7) Chloroethane-d5	1.64	69	69181	25.56	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.12%#
11) 1,1-Dichloroethene-d2	2.23	63	196936	32.54	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.08%
21) 2-Butanone-d5	4.19	46	251861	100.25	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.25%
24) Chloroform-d	4.64	84	273665	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.30	65	168667	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
32) Benzene-d6	5.33	84	591252	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
36) 1,2-Dichloropropane-d6	6.32	67	189499	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.56	98	528292	42.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.76%
43) trans-1,3-Dichloropropene-	7.85	79	85380	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.52%
47) 2-Hexanone-d5	8.32	63	229583	100.70	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324066	51.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	252344	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%

Target Compounds

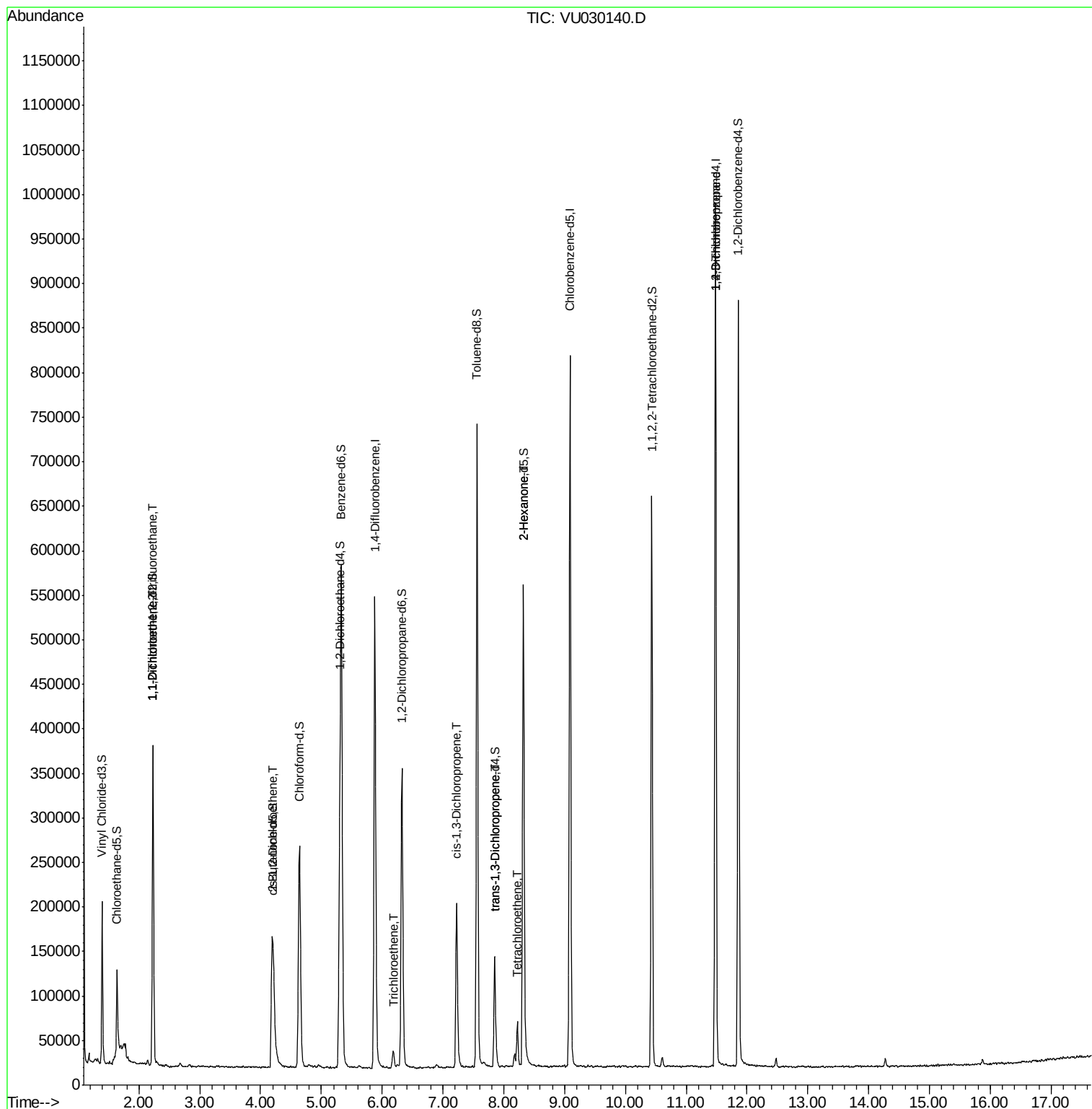
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2186	0.656	ug/L #	17
12) 1,1-Dichloroethene	2.23	96	1783	0.561	ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	31365	7.963	ug/L	93
34) Trichloroethene	6.18	95	6860	1.769	ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	4635	0.765	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	3871	0.700	ug/L	92
46) Tetrachloroethene	8.22	164	11982	3.530	ug/L	98
48) 2-Hexanone	8.32	43	23686	5.282	ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	29072	5.735	ug/L	93

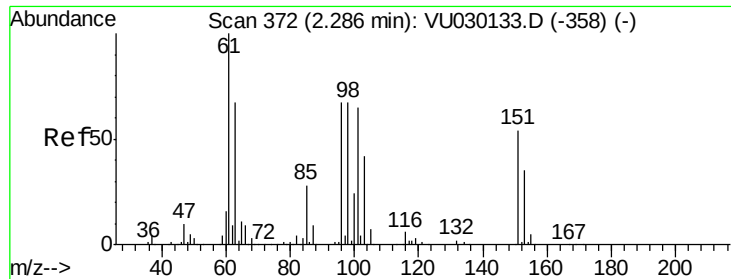
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.656 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.06 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampled :

BF0Y2

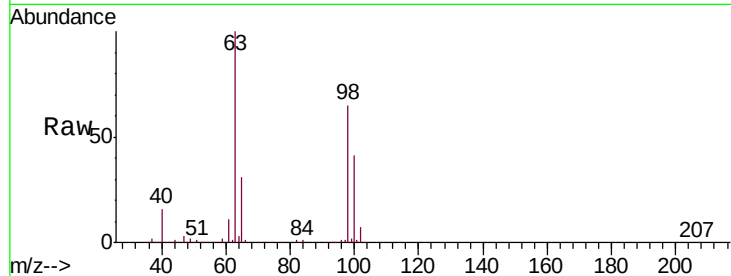
Tgt Ion: 101 Resp: 2186

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

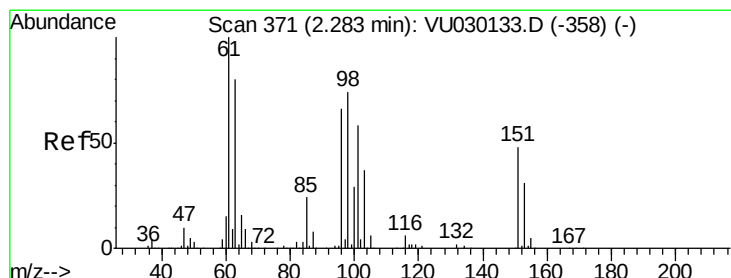
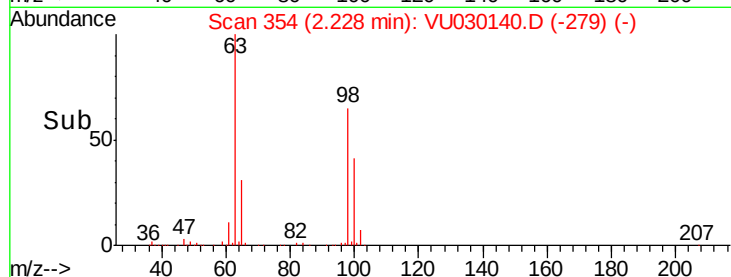
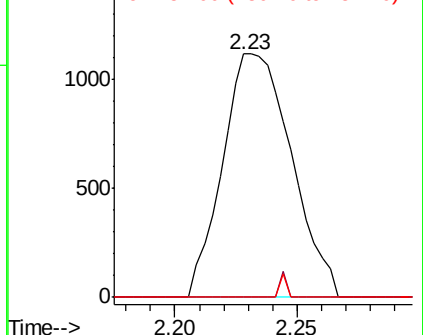
151 0.0 66.1 99.1#



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: 0.561 ug/L

RT: 2.23 min Scan# 356

Delta R.T. -0.05 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

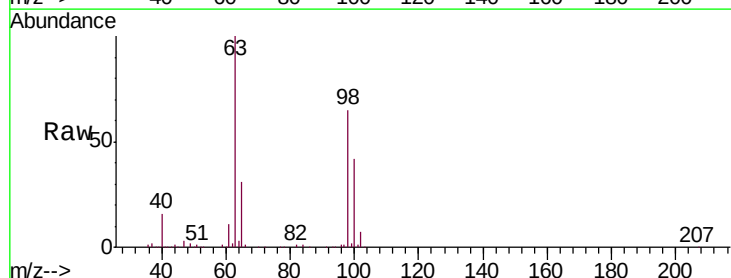
Tgt Ion: 96 Resp: 1783

Ion Ratio Lower Upper

96 100

61 1111.0 110.4 205.0#

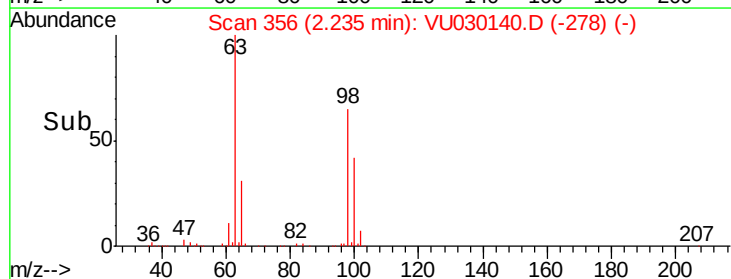
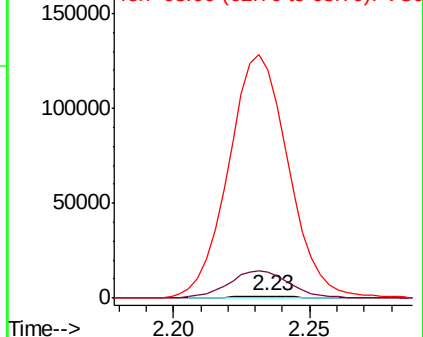
63 9984.1 86.5 160.7#

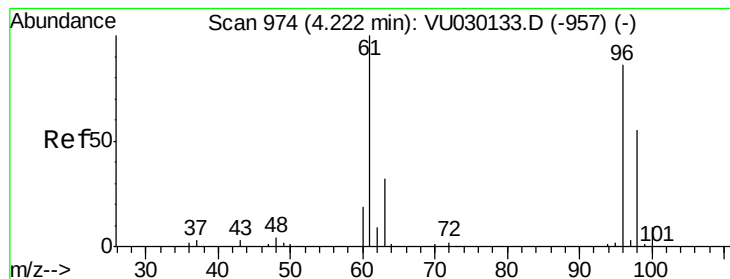


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 7.963 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.01 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampleId :

BF0Y2

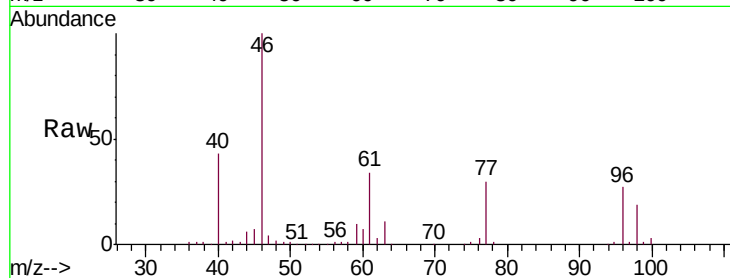
Tgt Ion: 96 Resp: 31365

Ion Ratio Lower Upper

96 100

61 122.9 80.8 150.2

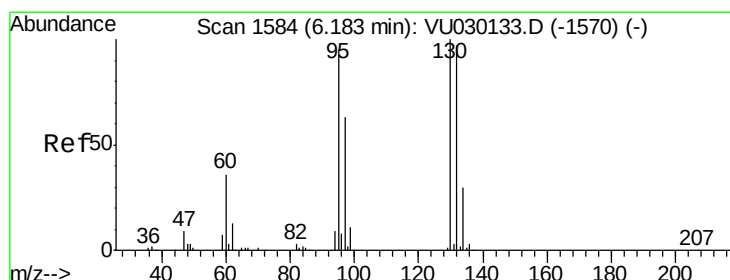
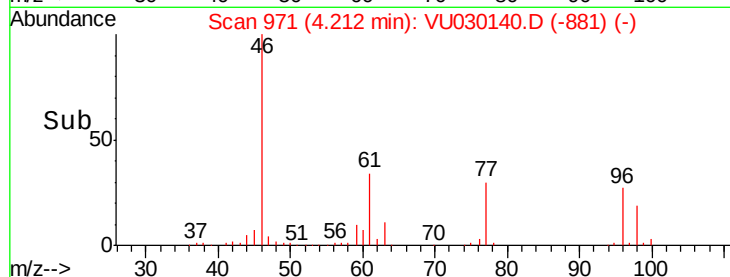
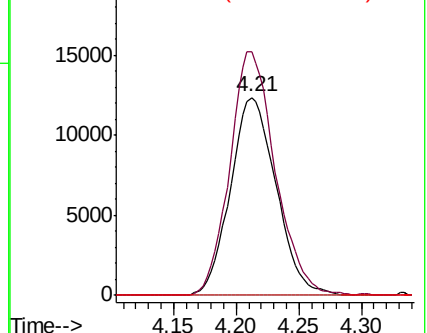
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030140.D (-881) (-)

Ion 61.00 (60.70 to 61.70): VU030140.D (-881) (-)

Ion 68.00 (67.70 to 68.70): VU030140.D (-881) (-)



#34

Trichloroethene

Concen: 1.769 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Tgt Ion: 95 Resp: 6860

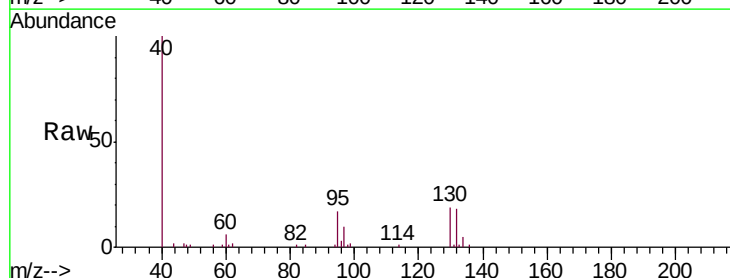
Ion Ratio Lower Upper

95 100

97 60.8 45.5 84.5

132 103.0 71.5 132.7

130 110.9 73.5 136.5

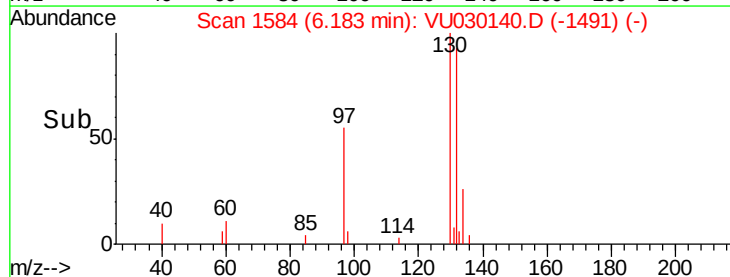
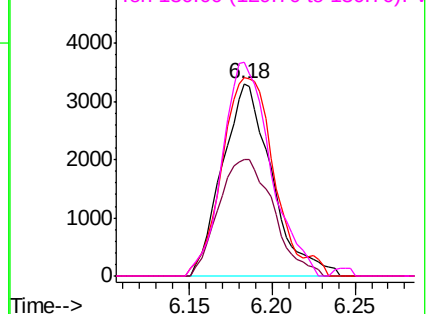


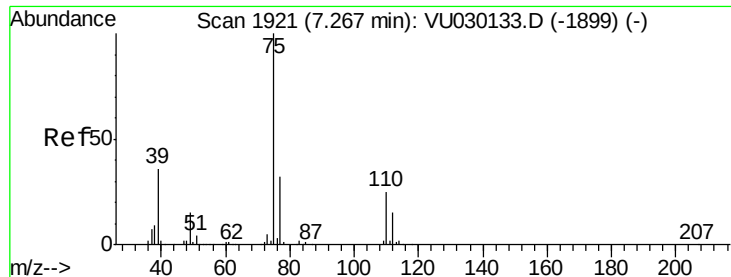
Abundance Ion 95.00 (94.70 to 95.70): VU030140.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU030140.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU030140.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU030140.D (-1491) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.765 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampled :

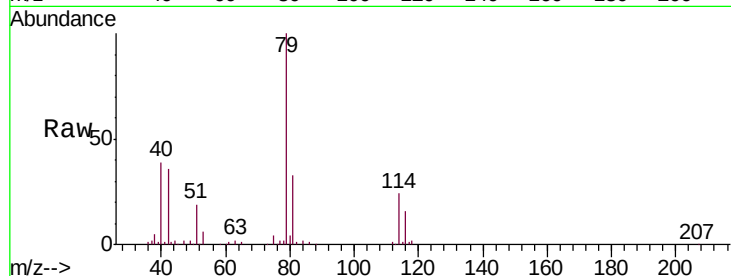
BF0Y2

Tgt Ion: 75 Resp: 4635

Ion Ratio Lower Upper

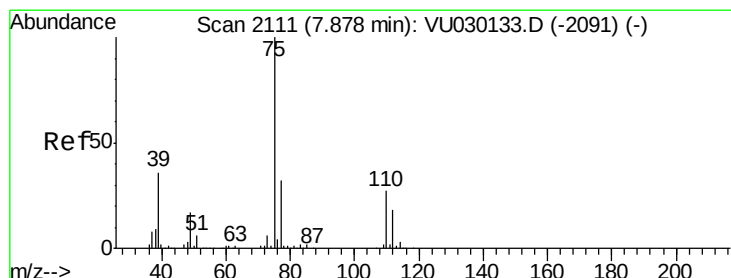
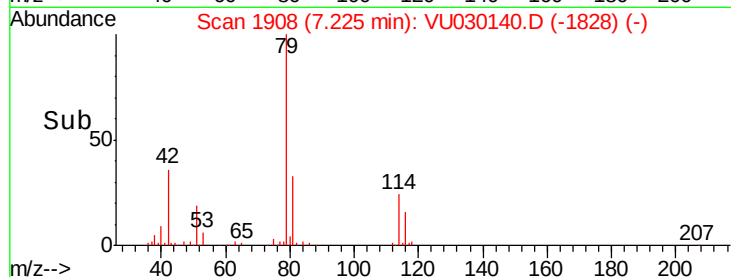
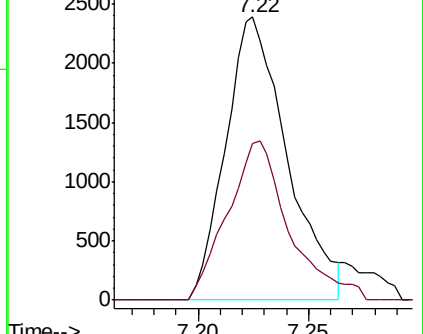
75 100

77 55.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.700 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU030140.D

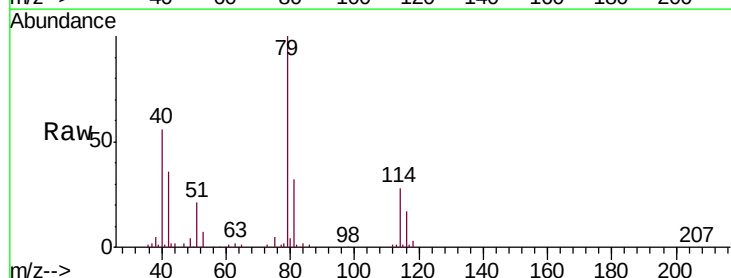
Acq: 16 Mar 2019 13:19

Tgt Ion: 75 Resp: 3871

Ion Ratio Lower Upper

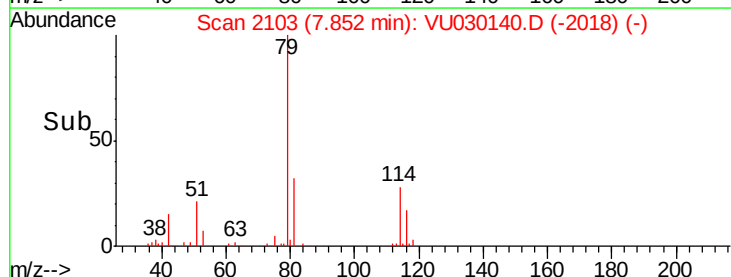
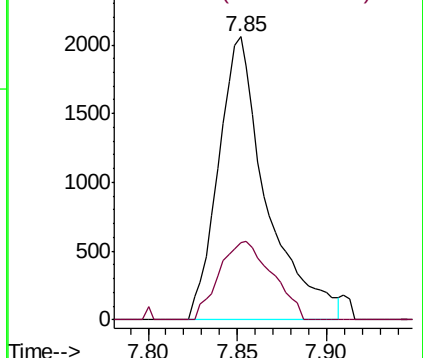
75 100

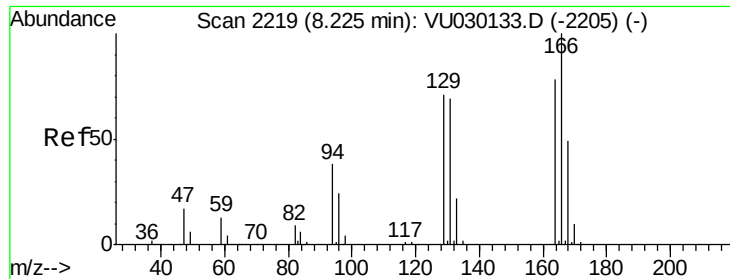
77 27.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 3.530 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampled :

BF0Y2

Tgt Ion:164 Resp: 11982

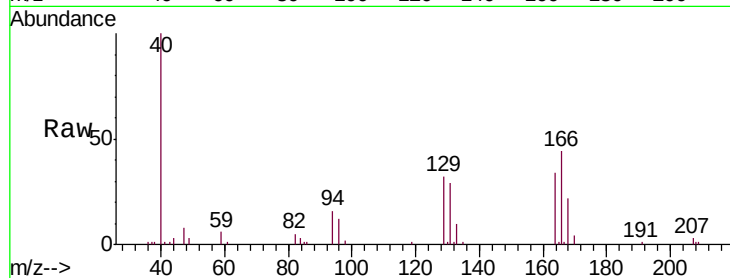
Ion Ratio Lower Upper

164 100

129 93.8 63.3 117.7

131 85.9 62.0 115.2

166 128.2 90.5 168.1

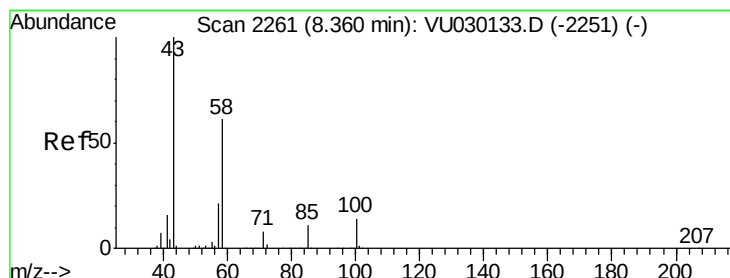
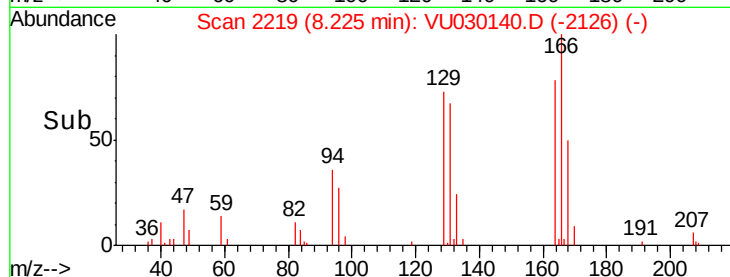
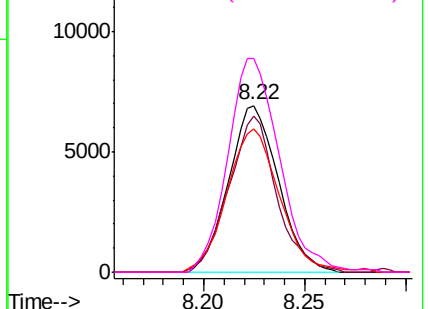


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.282 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Tgt Ion: 43 Resp: 23686

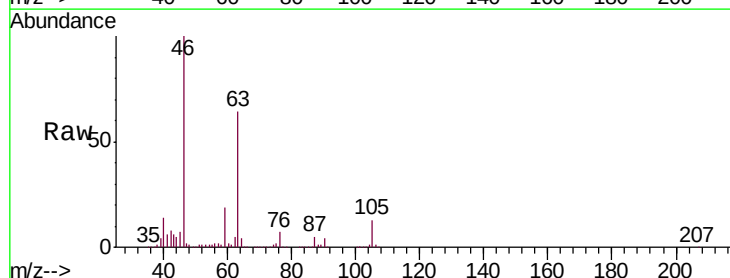
Ion Ratio Lower Upper

43 100

58 23.2 48.6 72.8#

57 27.7 16.1 24.1#

100 0.2 11.6 17.4#

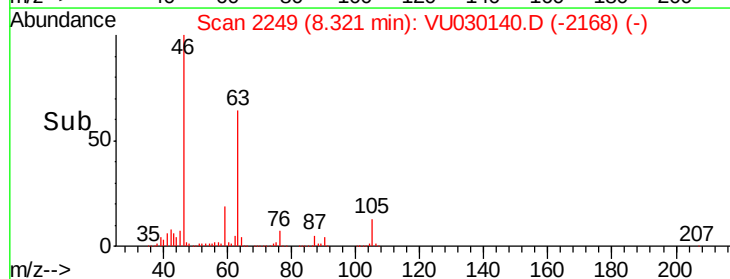
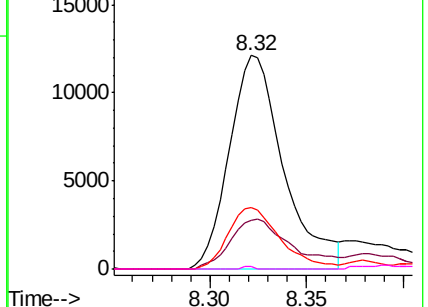


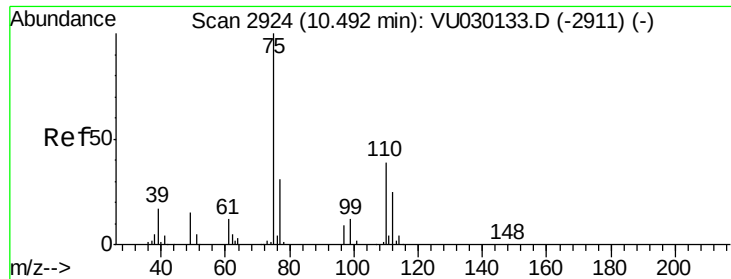
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.735 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030140.D

Acq: 16 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampleId :

BF0Y2

Tgt Ion: 75 Resp: 29072

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8

