

Data File : VU031635.D
Acq On : 30 Apr 2019 15:42
Operator : JC/SP
Sample : K2593-02DL 250X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB4DL

Quant Time: May 01 01:43:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	631107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212172	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	311369	58.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.90%
7) Chloroethane-d5	1.68	69	223836	54.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.68%
11) 1,1-Dichloroethene-d2	2.27	63	455244	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
21) 2-Butanone-d5	4.19	46	497834	104.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.03%
24) Chloroform-d	4.64	84	507273	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	5.31	65	351414	55.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.20%
32) Benzene-d6	5.34	84	977137	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
36) 1,2-Dichloropropane-d6	6.32	67	352024	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.68%
41) Toluene-d8	7.56	98	785722	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	7.85	79	134609	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
47) 2-Hexanone-d5	8.31	63	279292	95.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	434418	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	224552	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

Target Compounds

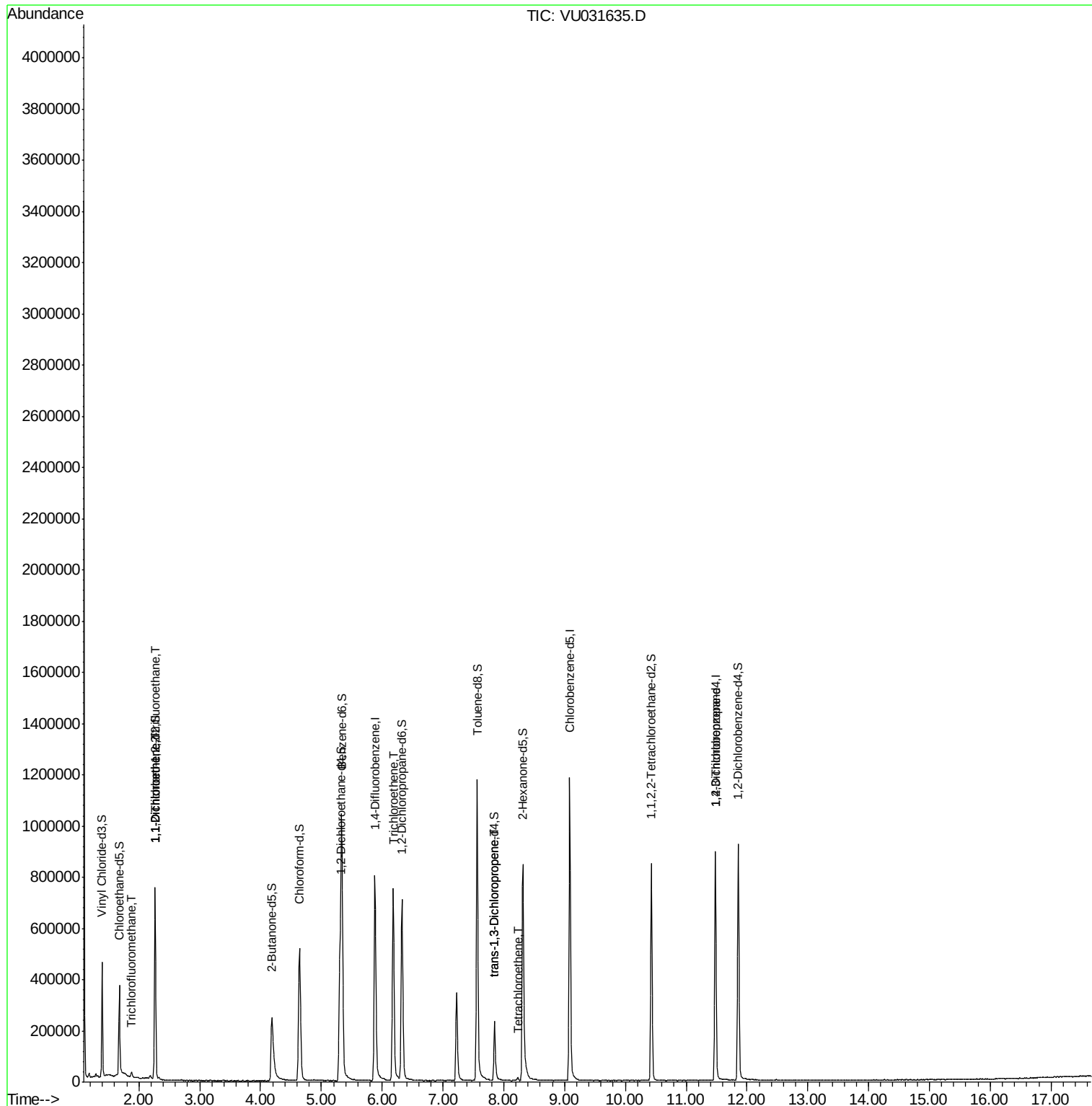
					Qvalue
9) Trichlorofluoromethane	1.88	101	6747	0.754 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3806	0.752 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2825	0.574 ug/L #	1
34) Trichloroethene	6.18	95	274379	49.452 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6018	0.773 ug/L	96
46) Tetrachloroethene	8.23	164	2573	0.680 ug/L	74
59) 1,2,3-Trichloropropane	11.48	75	32351	4.199 ug/L	93

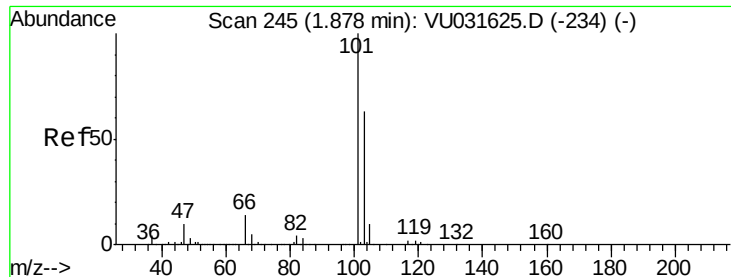
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.754 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

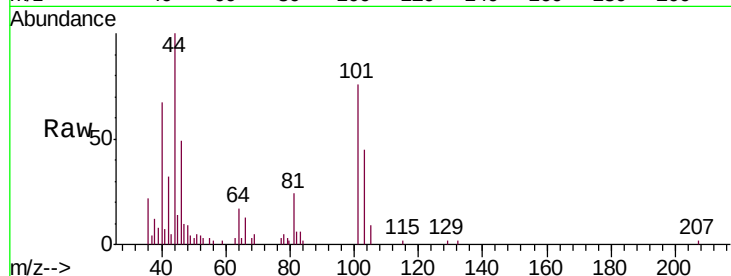
C0XB4DL

Tgt Ion:101 Resp: 6747

Ion Ratio Lower Upper

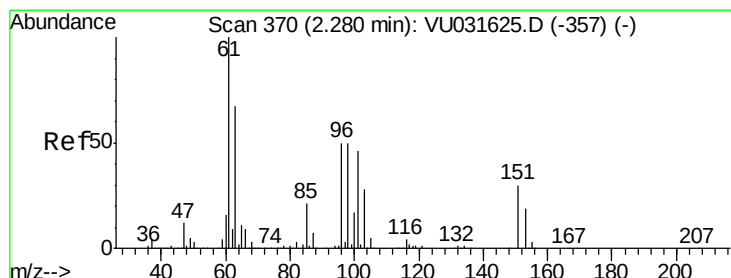
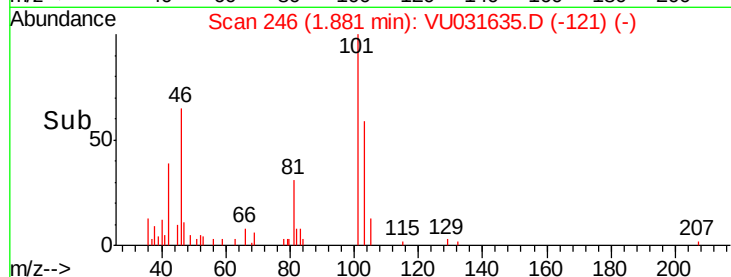
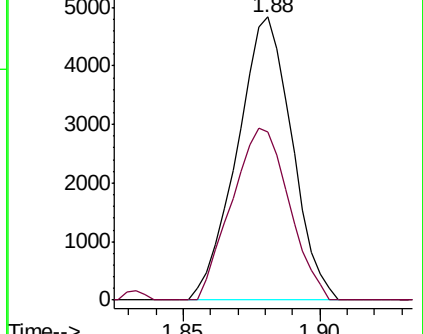
101 100

103 63.5 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.752 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031635.D

Acq: 30 Apr 2019 15:42

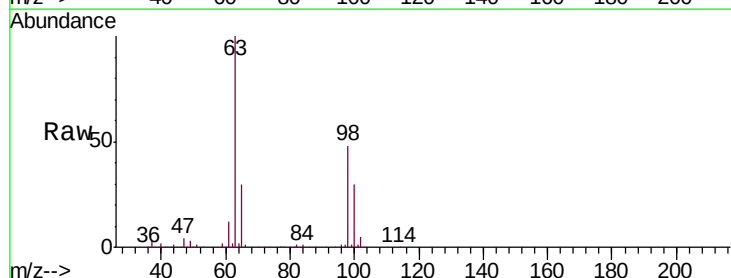
Tgt Ion:101 Resp: 3806

Ion Ratio Lower Upper

101 100

85 1.8 36.1 54.1#

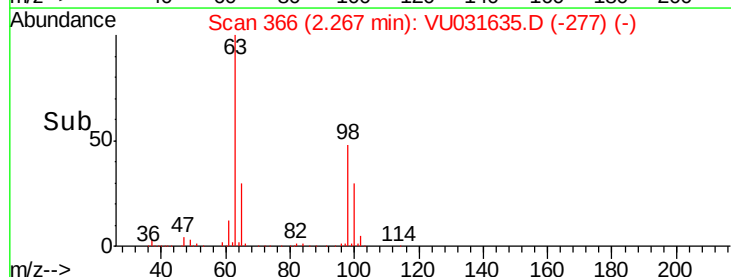
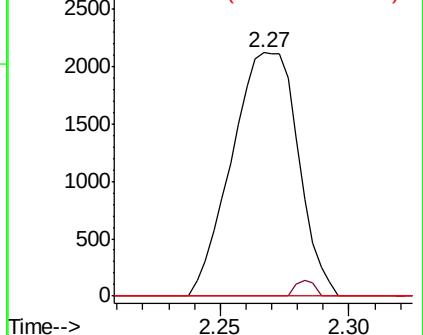
151 0.0 56.1 84.1#

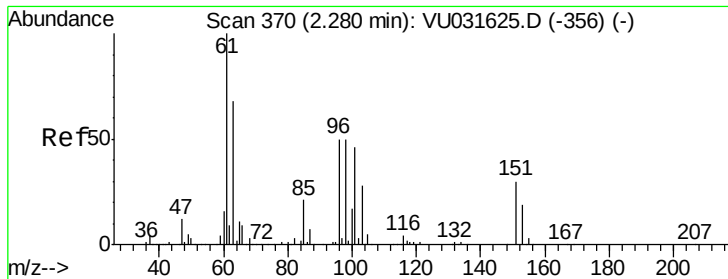


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.574 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031635.D

Acq: 30 Apr 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

C0XB4DL

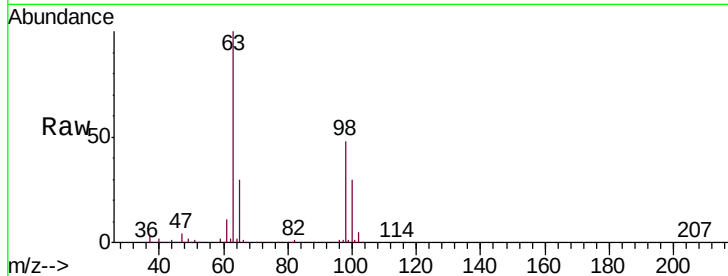
Tgt Ion: 96 Resp: 2825

Ion Ratio Lower Upper

96 100

61 1914.6 135.0 250.6#

63 16690.5 103.5 192.3#

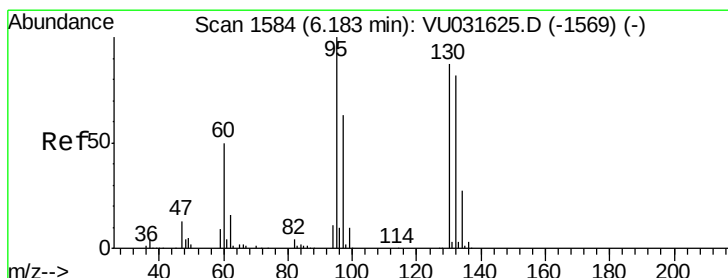
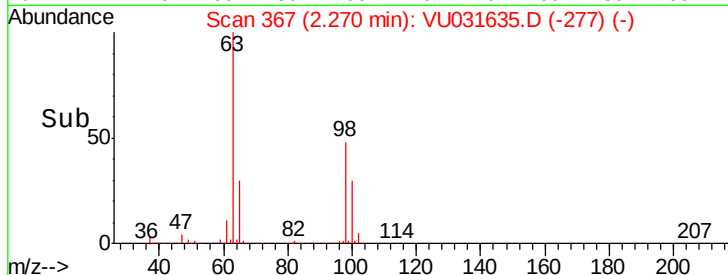
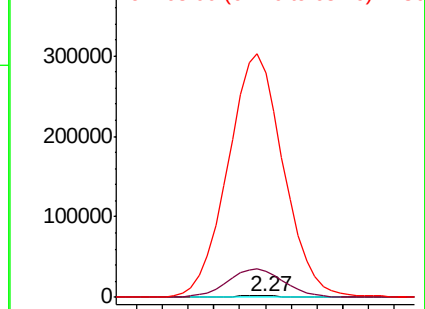


Abundance

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



#34

Trichloroethene

Concen: 49.452 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031635.D

Acq: 30 Apr 2019 15:42

Tgt Ion: 95 Resp: 274379

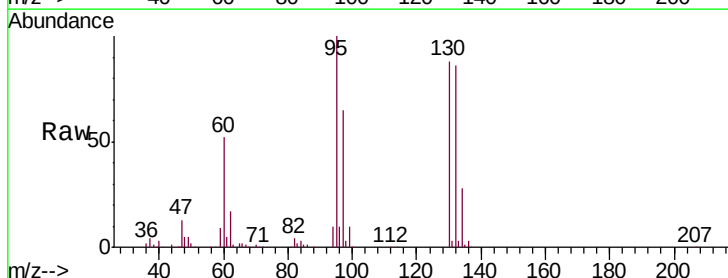
Ion Ratio Lower Upper

95 100

97 65.4 44.8 83.2

132 85.9 63.1 117.1

130 88.3 66.5 123.5



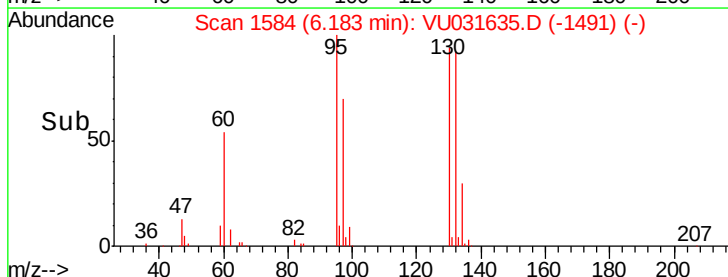
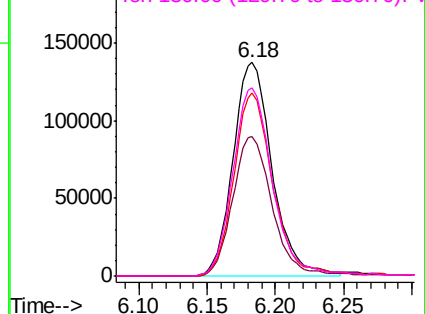
Abundance

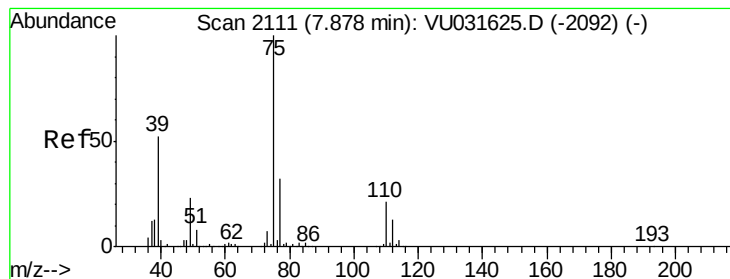
Ion 95.00 (94.70 to 95.70): VU0

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





#44

trans-1,3-Dichloropropene

Concen: 0.773 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031635.D

Acq: 30 Apr 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

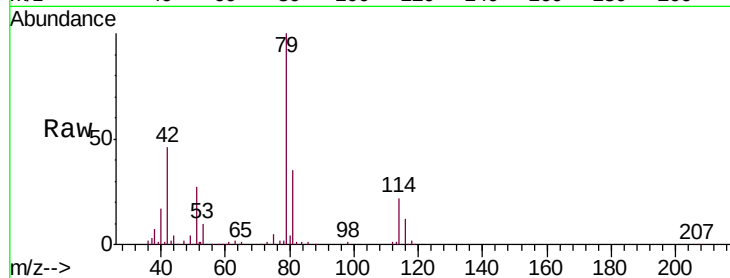
C0XB4DL

Tgt Ion: 75 Resp: 6018

Ion Ratio Lower Upper

75 100

77 29.7 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031635.D (-2103) (-)

Ion 77.00 (76.70 to 77.70): VU031635.D (-2103) (-)

7.85

4000

3000

2000

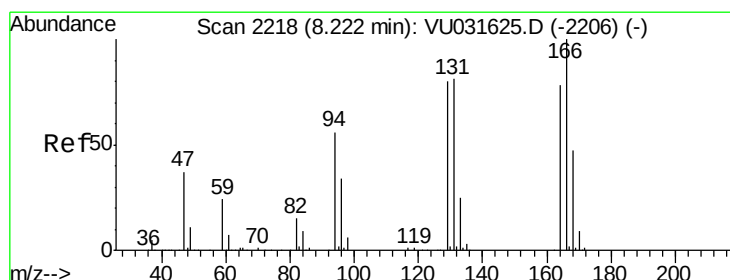
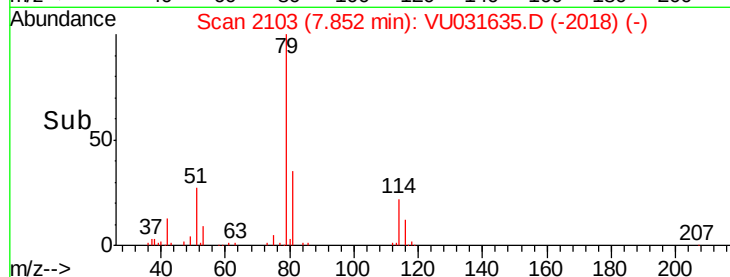
1000

0

7.80

7.85

Time-->



#46

Tetrachloroethene

Concen: 0.680 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031635.D

Acq: 30 Apr 2019 15:42

Tgt Ion: 164 Resp: 2573

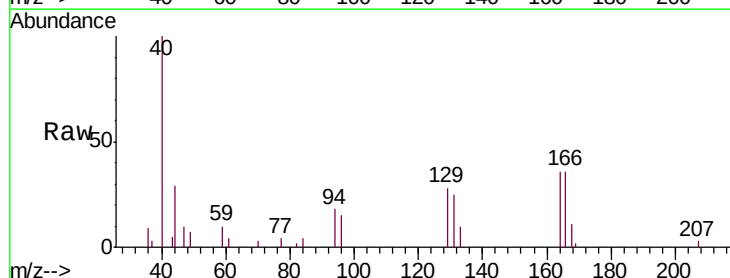
Ion Ratio Lower Upper

164 100

129 77.8 71.5 132.9

131 69.9 69.0 128.2

166 102.4 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): VU031635.D (-2221) (-)

Ion 129.00 (128.70 to 129.70): VU031635.D (-2221) (-)

Ion 131.00 (130.70 to 131.70): VU031635.D (-2221) (-)

Ion 166.00 (165.70 to 166.70): VU031635.D (-2221) (-)

2500

2000

1500

1000

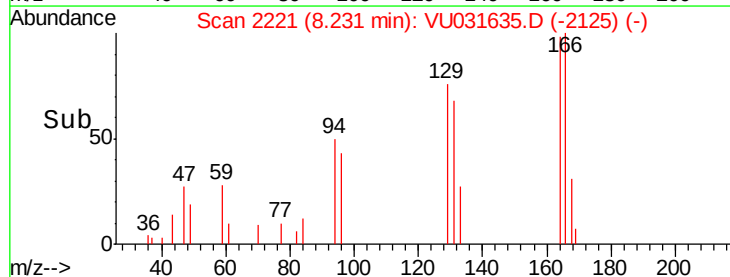
500

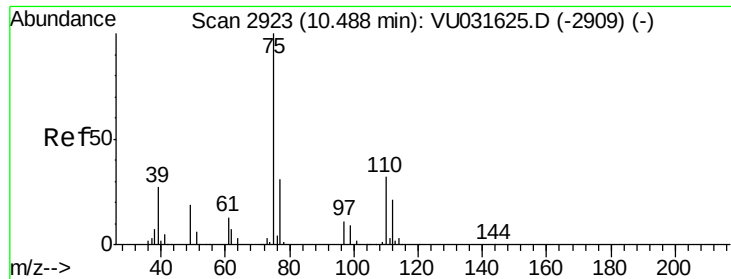
0

8.20

8.23

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.199 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031635.D

Acq: 30 Apr 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

C0XB4DL

Tgt Ion: 75 Resp: 32351

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9

