

Data File : VU031547.D
Acq On : 26 Apr 2019 21:56
Operator : JC/SP
Sample : K2536-19 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X07

Quant Time: Apr 27 03:30:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	867032	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	798744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	323124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	367241	50.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.22%
7) Chloroethane-d5	1.77	69	140	0.02	ug/L	0.09
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.04%#
11) 1,1-Dichloroethene-d2	2.47	63	235	0.02	ug/L	0.20
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.19	46	675488	102.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	4.64	84	616921	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	5.31	65	406174	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.34	84	1265638	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.32	67	441703	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.56	98	1079539	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%
43) trans-1,3-Dichloropropene-	7.85	79	180612	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.52%
47) 2-Hexanone-d5	8.31	63	429173	114.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	566643	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	360656	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4691	0.675 ug/L #	25
12) 1,1-Dichloroethene	2.27	96	4192	0.620 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	6627	0.876 ug/L	92
34) Trichloroethene	6.18	95	239924	33.704 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6073	0.608 ug/L	100
46) Tetrachloroethene	8.22	164	5304	1.093 ug/L	91

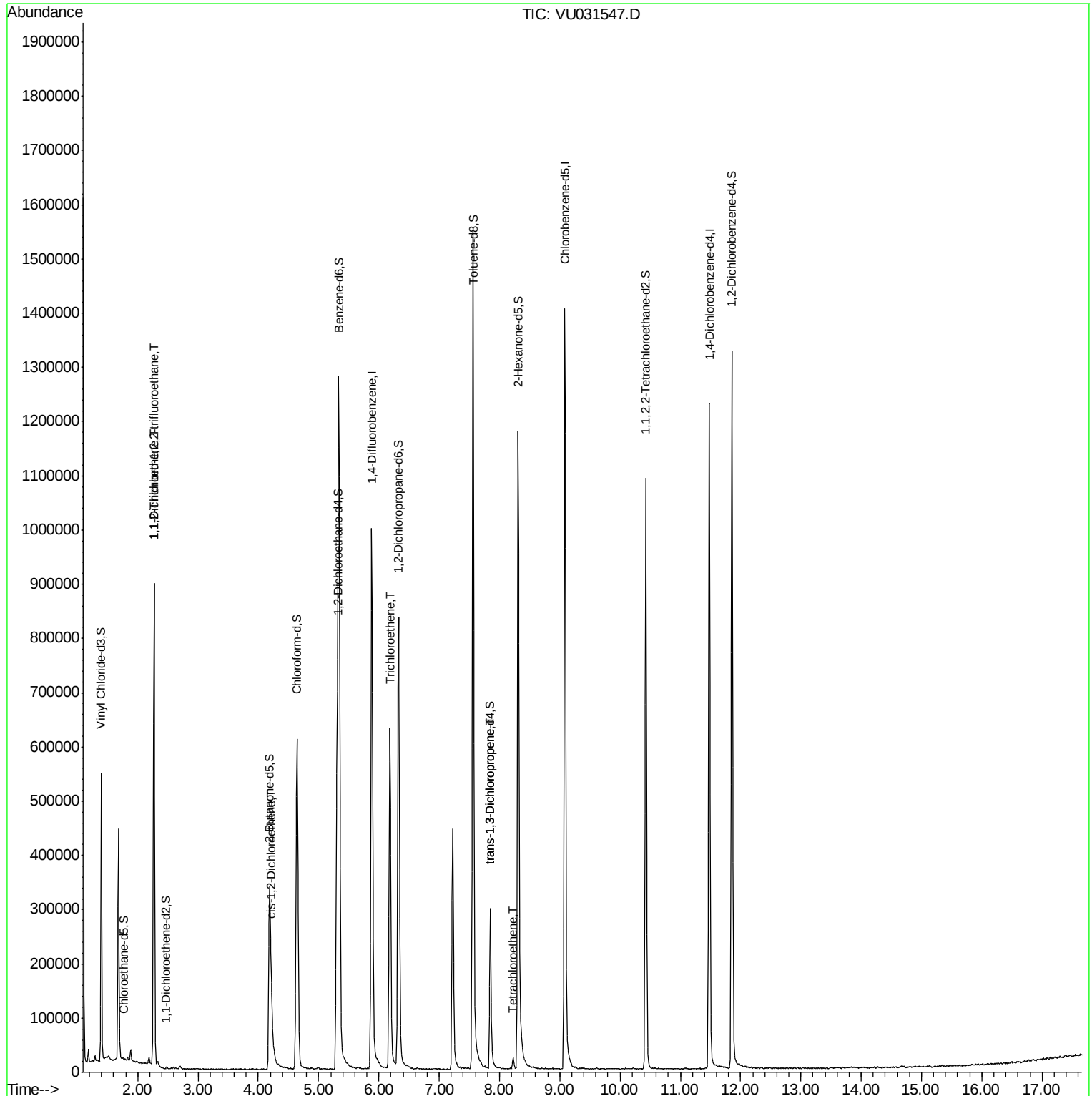
(#) = qualifier out of range (m) = manual integration (+) = signals summed

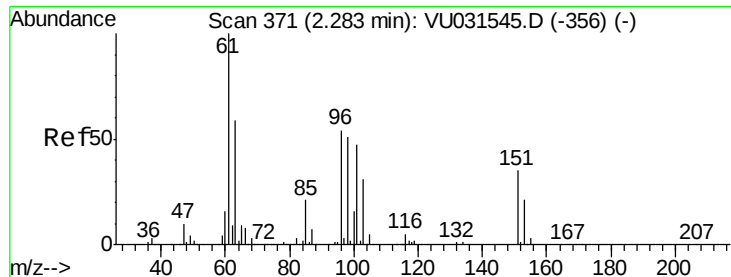
Data File : VU031547.D

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Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.675 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031547.D

Acq: 26 Apr 2019 21:56

Instrument :

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ClientSampleId :

C0X07

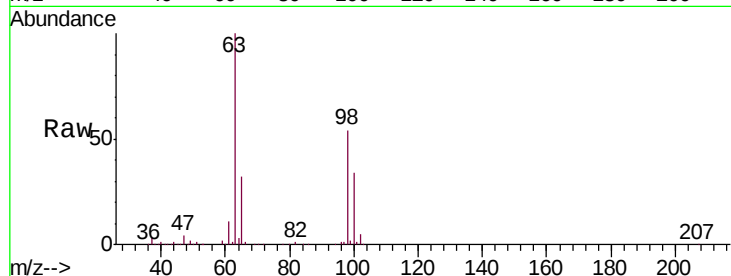
Tgt Ion: 101 Resp: 4691

Ion Ratio Lower Upper

101 100

85 5.0 36.1 54.1#

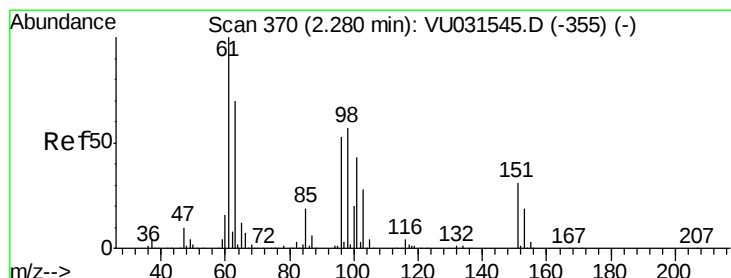
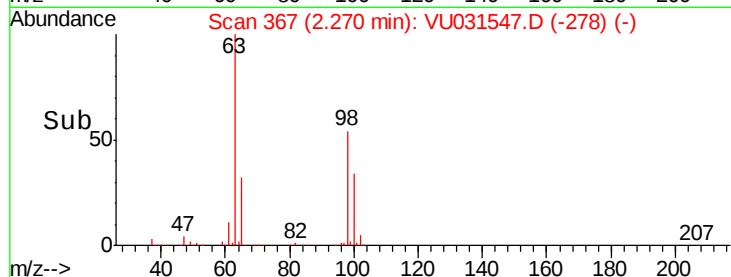
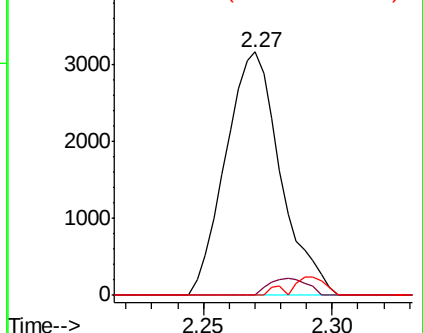
151 1.0 56.1 84.1#



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: 0.620 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031547.D

Acq: 26 Apr 2019 21:56

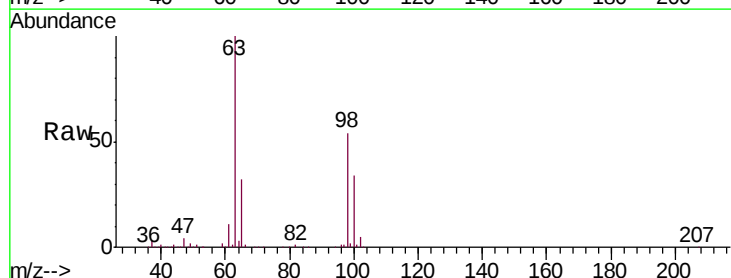
Tgt Ion: 96 Resp: 4192

Ion Ratio Lower Upper

96 100

61 1358.4 135.0 250.6#

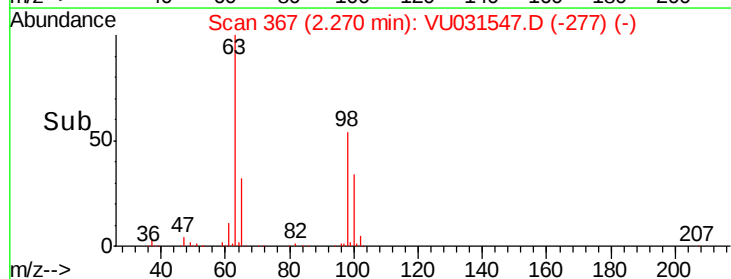
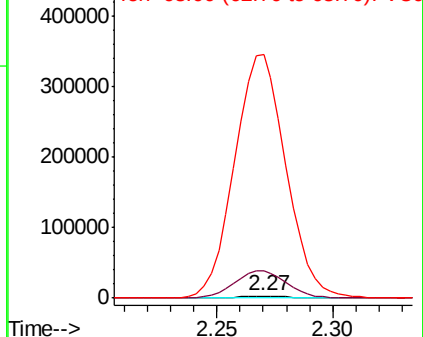
63 11994.7 103.5 192.3#

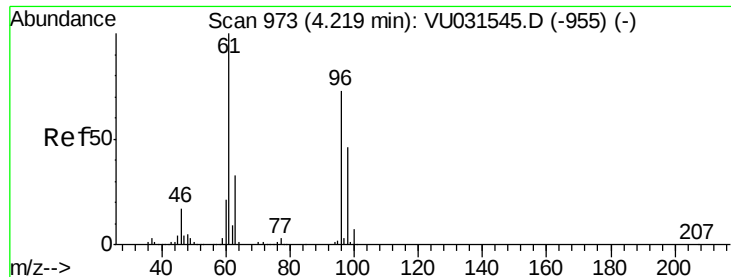


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



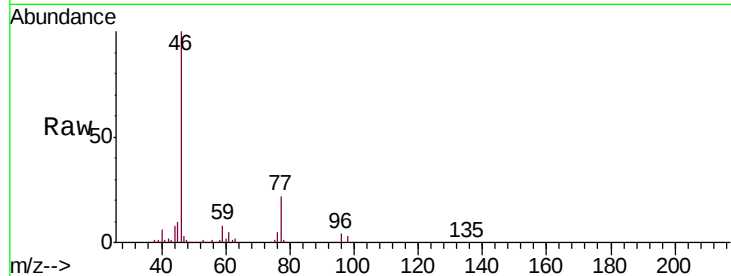


#20

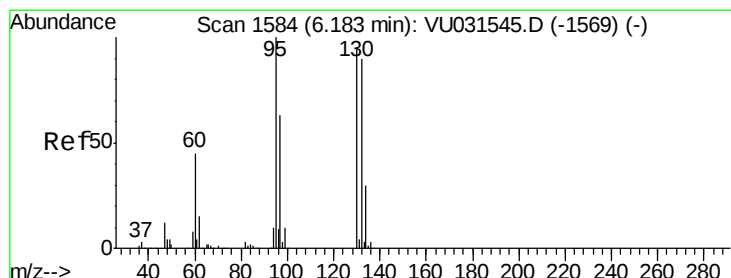
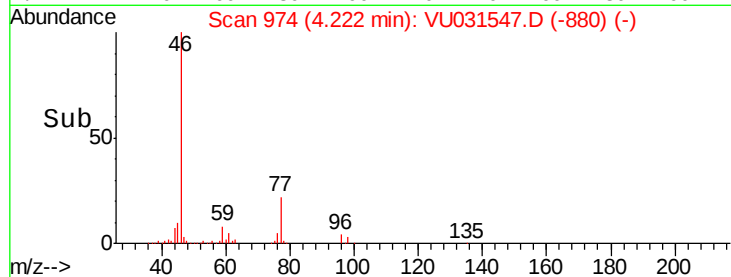
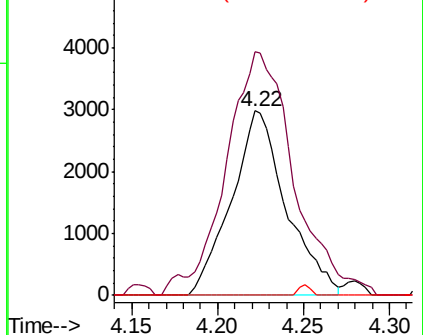
cis-1,2-Dichloroethene
 Concen: 0.876 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031547.D
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Tgt Ion: 96 Resp: 6627
 Ion Ratio Lower Upper
 96 100
 61 131.9 99.5 184.7
 68 0.0 0.0 0.0



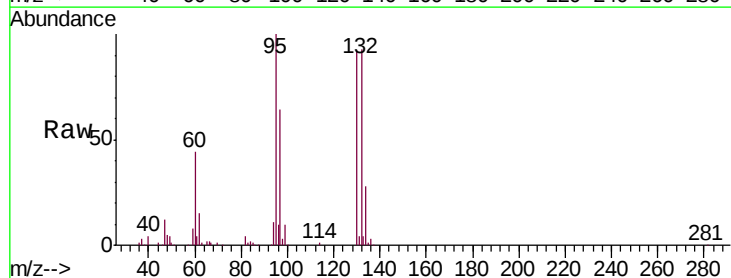
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



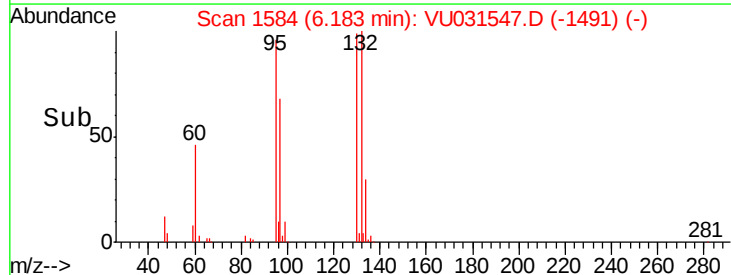
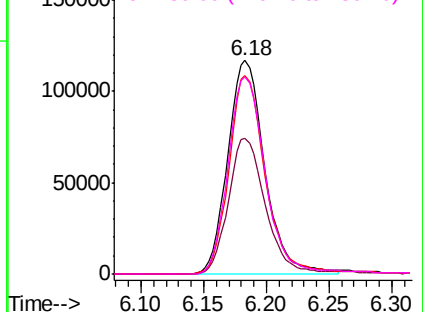
#34

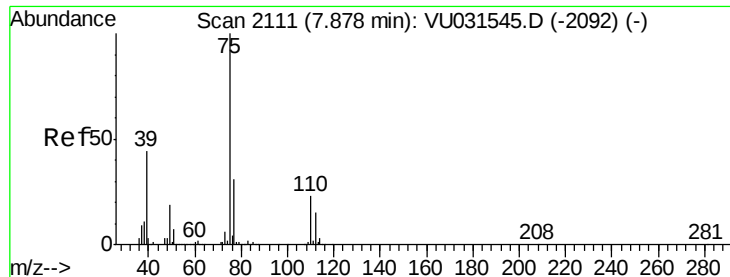
Trichloroethene
 Concen: 33.704 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031547.D
 Acq: 26 Apr 2019 21:56

Tgt Ion: 95 Resp: 239924
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.8 83.2
 132 92.9 63.1 117.1
 130 92.4 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: 0.608 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031547.D

Acq: 26 Apr 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

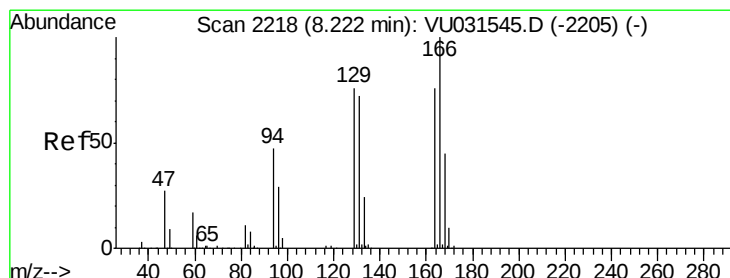
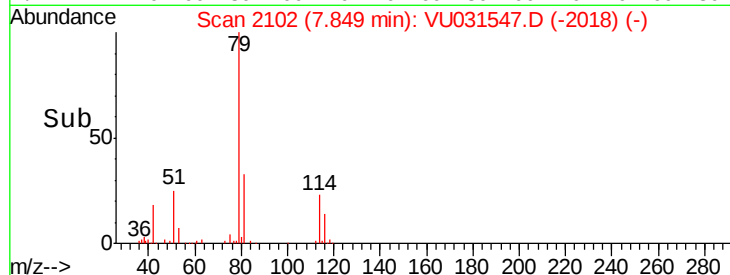
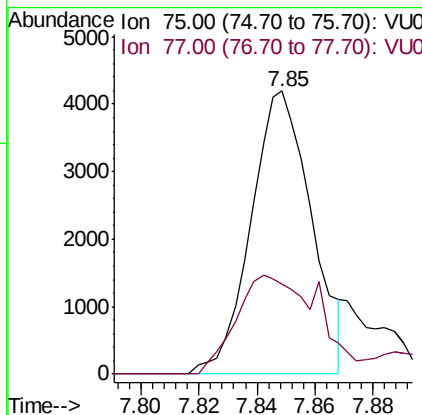
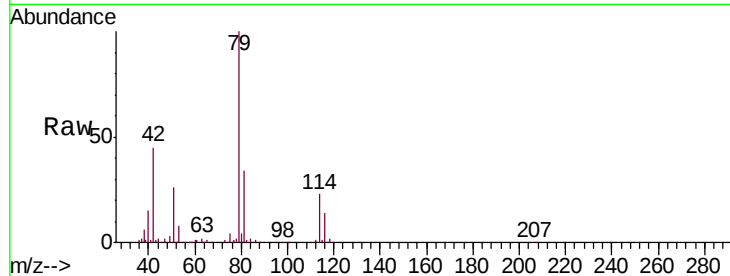
C0X07

Tgt Ion: 75 Resp: 6073

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#46

Tetrachloroethene

Concen: 1.093 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031547.D

Acq: 26 Apr 2019 21:56

Tgt Ion: 164 Resp: 5304

Ion Ratio Lower Upper

164 100

129 83.7 71.5 132.9

131 98.7 69.0 128.2

166 125.2 93.7 173.9

