

Data File : VU031613.D
Acq On : 30 Apr 2019 02:23
Operator : JC/SP
Sample : K2592-13DL 1000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X76DL

Quant Time: Apr 30 04:54:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	599199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	589798	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216641	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	328746	65.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.10%
7) Chloroethane-d5	1.68	69	241574	62.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.68%
11) 1,1-Dichloroethene-d2	2.27	63	453360	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
21) 2-Butanone-d5	4.19	46	524248	115.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.38%
24) Chloroform-d	4.64	84	498401	54.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.54%
26) 1,2-Dichloroethane-d4	5.31	65	347663	57.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.88%
32) Benzene-d6	5.34	84	979321	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.14%
36) 1,2-Dichloropropane-d6	6.32	67	347183	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.98%
41) Toluene-d8	7.56	98	793368	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.85	79	130614	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.31	63	282587	102.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	431074	50.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	238305	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%

Target Compounds

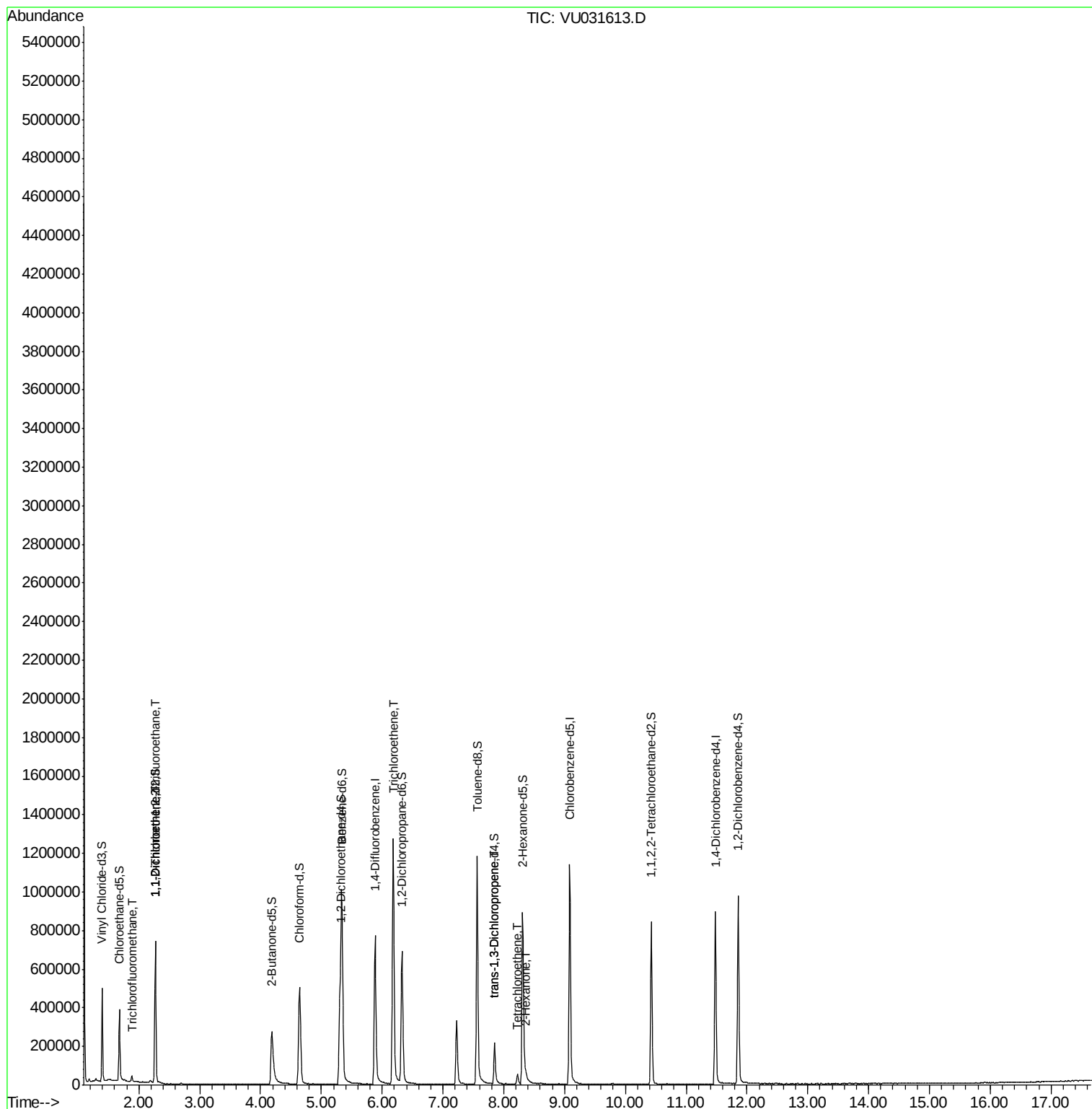
					Qvalue
9) Trichlorofluoromethane	1.88	101	10887	1.281 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3421	0.712 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3256	0.696 ug/L #	1
34) Trichloroethene	6.18	95	479689	91.258 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	4982	0.675 ug/L	95
46) Tetrachloroethene	8.22	164	11861	3.310 ug/L	92
48) 2-Hexanone	8.37	43	20385	2.661 ug/L #	52

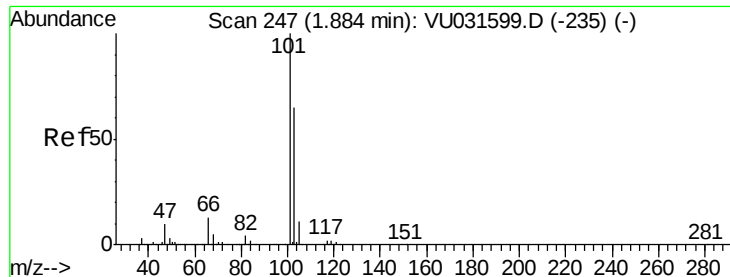
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.281 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU031613.D

Acq: 30 Apr 2019 02:23

Instrument :

MSVOA_U

ClientSampleId :

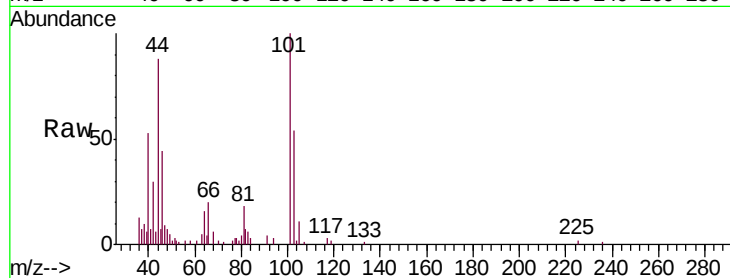
C0X76DL

Tgt Ion:101 Resp: 10887

Ion Ratio Lower Upper

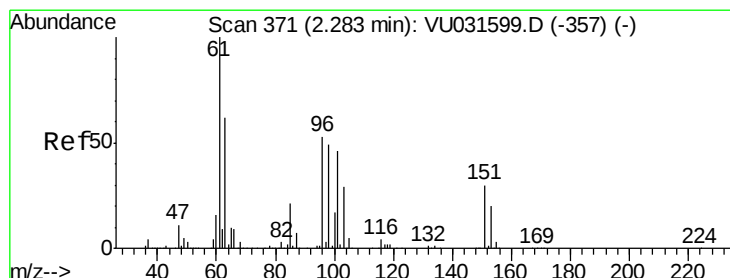
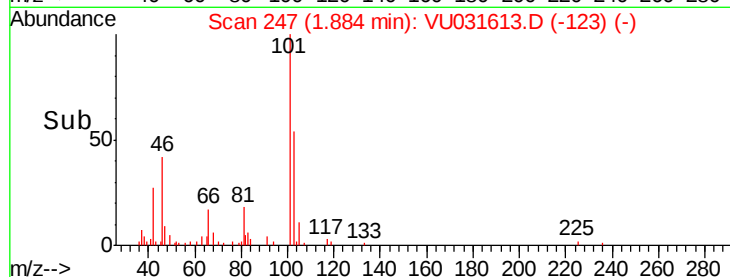
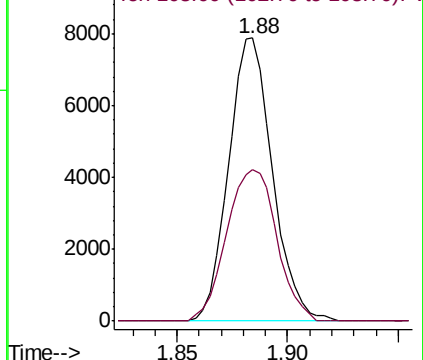
101 100

103 61.2 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: 0.712 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031613.D

Acq: 30 Apr 2019 02:23

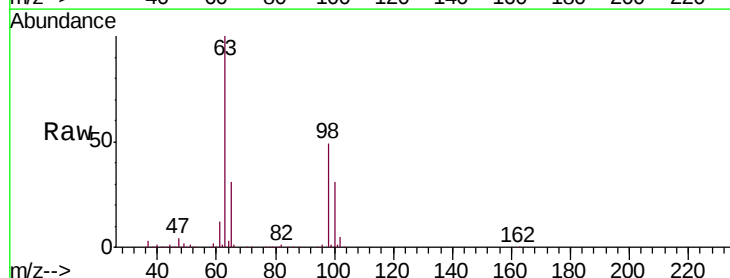
Tgt Ion:101 Resp: 3421

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

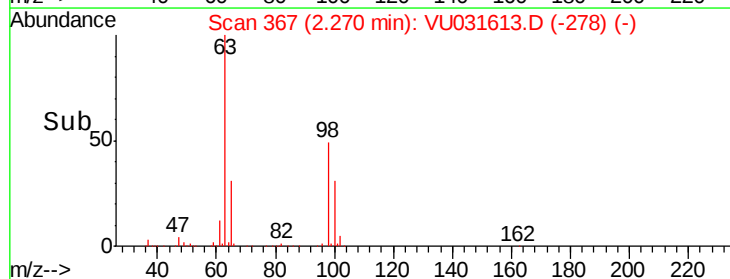
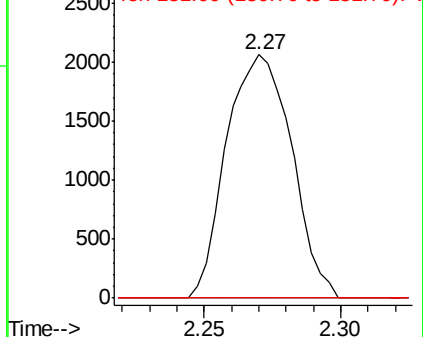
151 0.0 56.1 84.1#

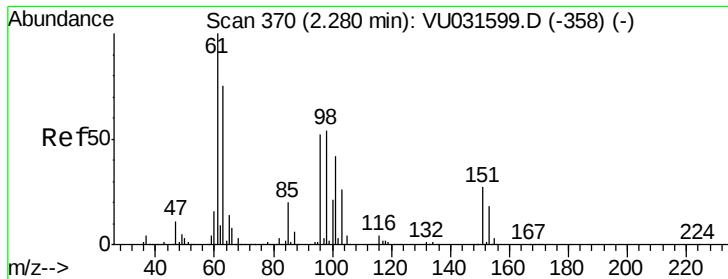


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

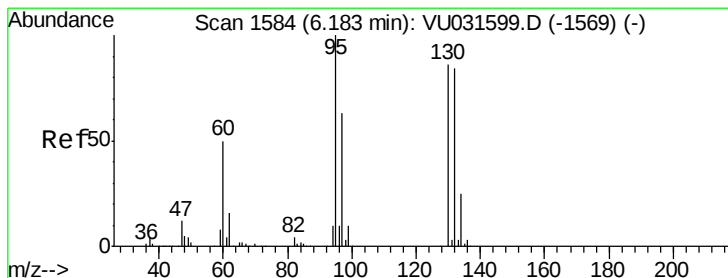
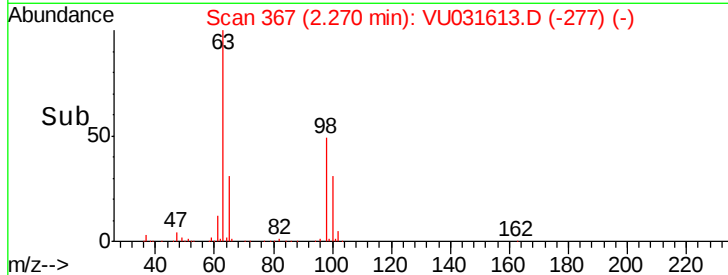
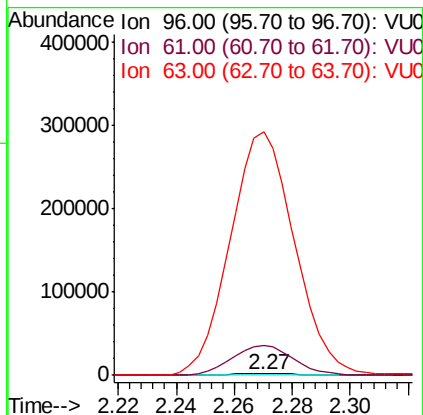
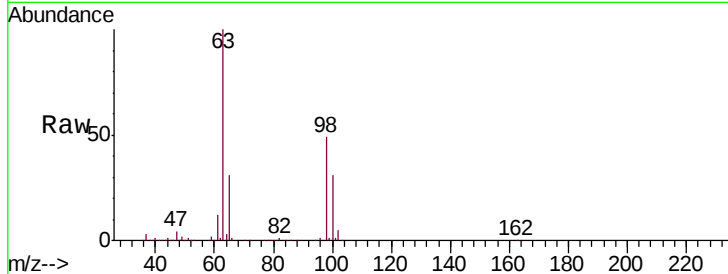




#12
 1,1-Dichloroethene
 Concen: 0.696 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031613.D
 Acq: 30 Apr 2019 02:23

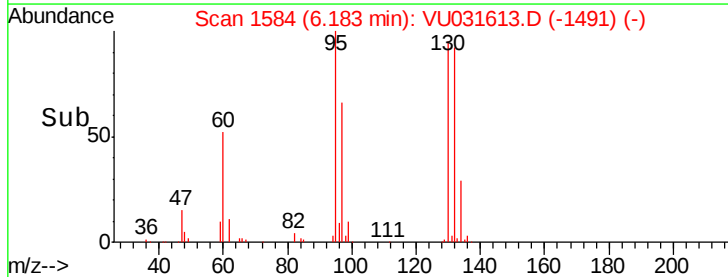
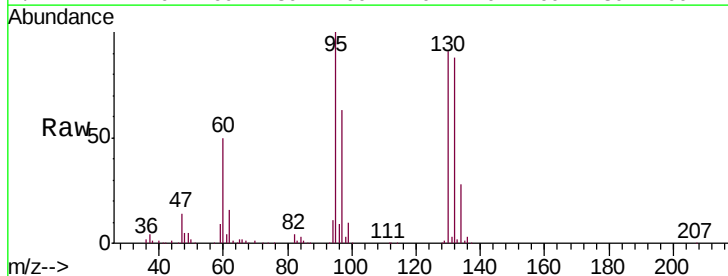
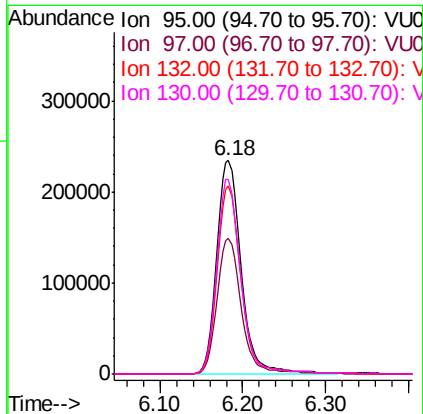
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X76DL

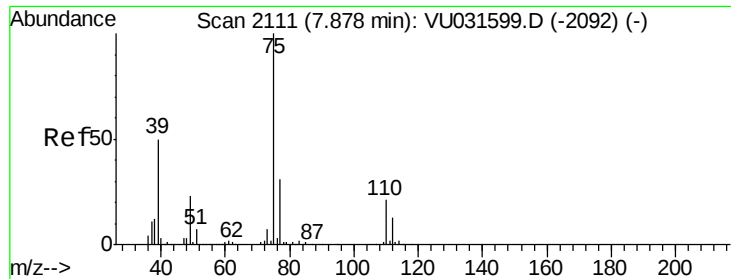
Tgt Ion: 96 Resp: 3256
 Ion Ratio Lower Upper
 96 100
 61 1809.1 135.0 250.6#
 63 14783.4 103.5 192.3#



#34
 Trichloroethene
 Concen: 91.258 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU031613.D
 Acq: 30 Apr 2019 02:23

Tgt Ion: 95 Resp: 479689
 Ion Ratio Lower Upper
 95 100
 97 63.4 44.8 83.2
 132 88.0 63.1 117.1
 130 91.4 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031613.D

Acq: 30 Apr 2019 02:23

Instrument :

MSVOA_U

ClientSampleId :

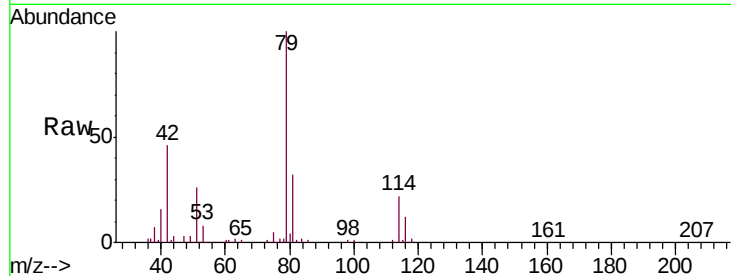
C0X76DL

Tgt Ion: 75 Resp: 4982

Ion Ratio Lower Upper

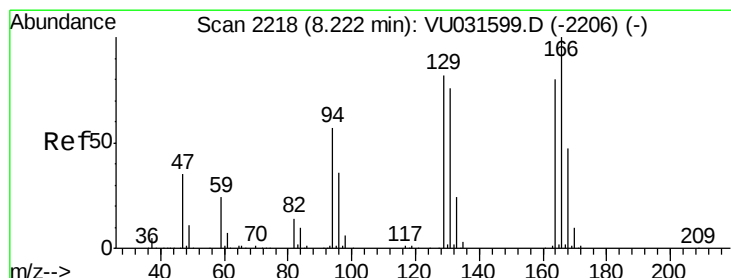
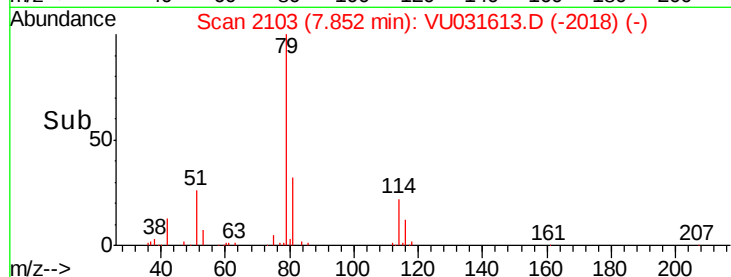
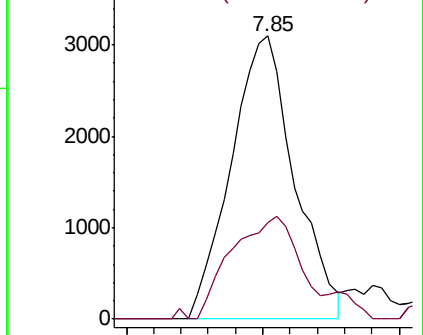
75 100

77 34.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031599.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031599.D (-2092) (-)



#46

Tetrachloroethene

Concen: 3.310 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031613.D

Acq: 30 Apr 2019 02:23

Tgt Ion: 164 Resp: 11861

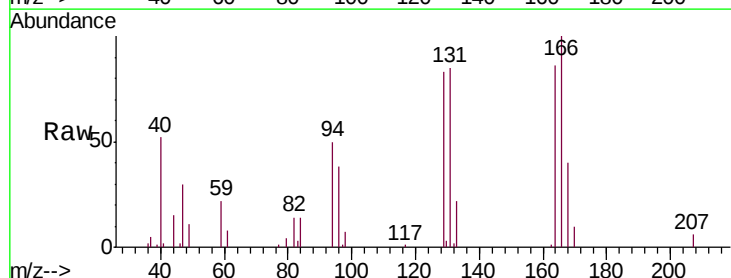
Ion Ratio Lower Upper

164 100

129 96.7 71.5 132.9

131 98.5 69.0 128.2

166 116.4 93.7 173.9

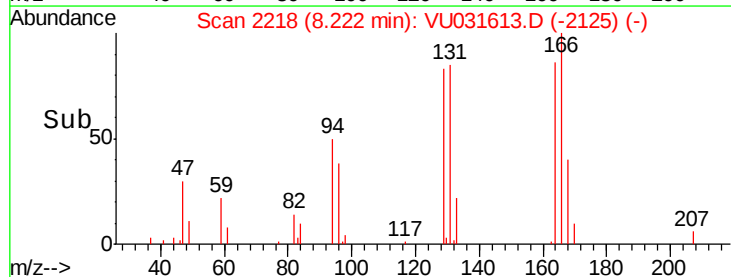
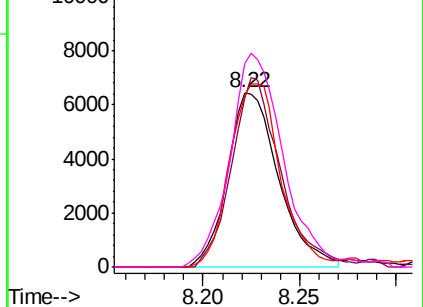


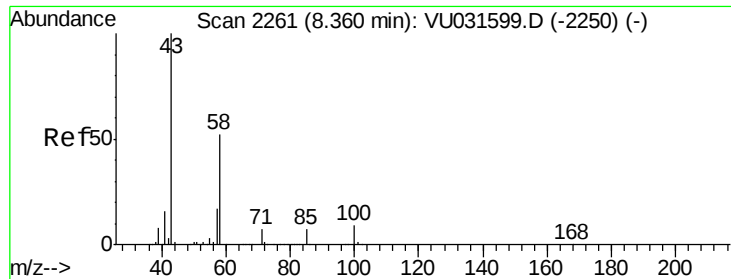
Abundance Ion 164.00 (163.70 to 164.70): VU031599.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031599.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031599.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031599.D (-2206) (-)





#48
 2-Hexanone
 Concen: 2.661 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031613.D
 Acq: 30 Apr 2019 02:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X76DL

Tgt Ion	Ratio	Lower	Upper
43	100		
58	12.6	42.1	63.1#
57	1.7	14.6	22.0#
100	3.4	7.2	10.8#

