

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031580.D
 Acq On : 29 Apr 2019 12:49
 Operator : JC/SP
 Sample : K2536-18 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X06

Quant Time: Apr 30 01:58:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	701855	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	681922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	257819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	309754	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.46%
7) Chloroethane-d5	1.68	69	249491	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.92%
11) 1,1-Dichloroethene-d2	2.43	63	312	0.03	ug/L	0.16
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.18	46	614797	115.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.52%
24) Chloroform-d	4.64	84	552415	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
26) 1,2-Dichloroethane-d4	5.31	65	378919	53.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.82%
32) Benzene-d6	5.34	84	1081668	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
36) 1,2-Dichloropropane-d6	6.33	67	399125	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.36%
41) Toluene-d8	7.56	98	925572	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%
43) trans-1,3-Dichloropropene-	7.85	79	160515	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	8.31	63	369200	115.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	508128	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	291267	53.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.44%

Target Compounds

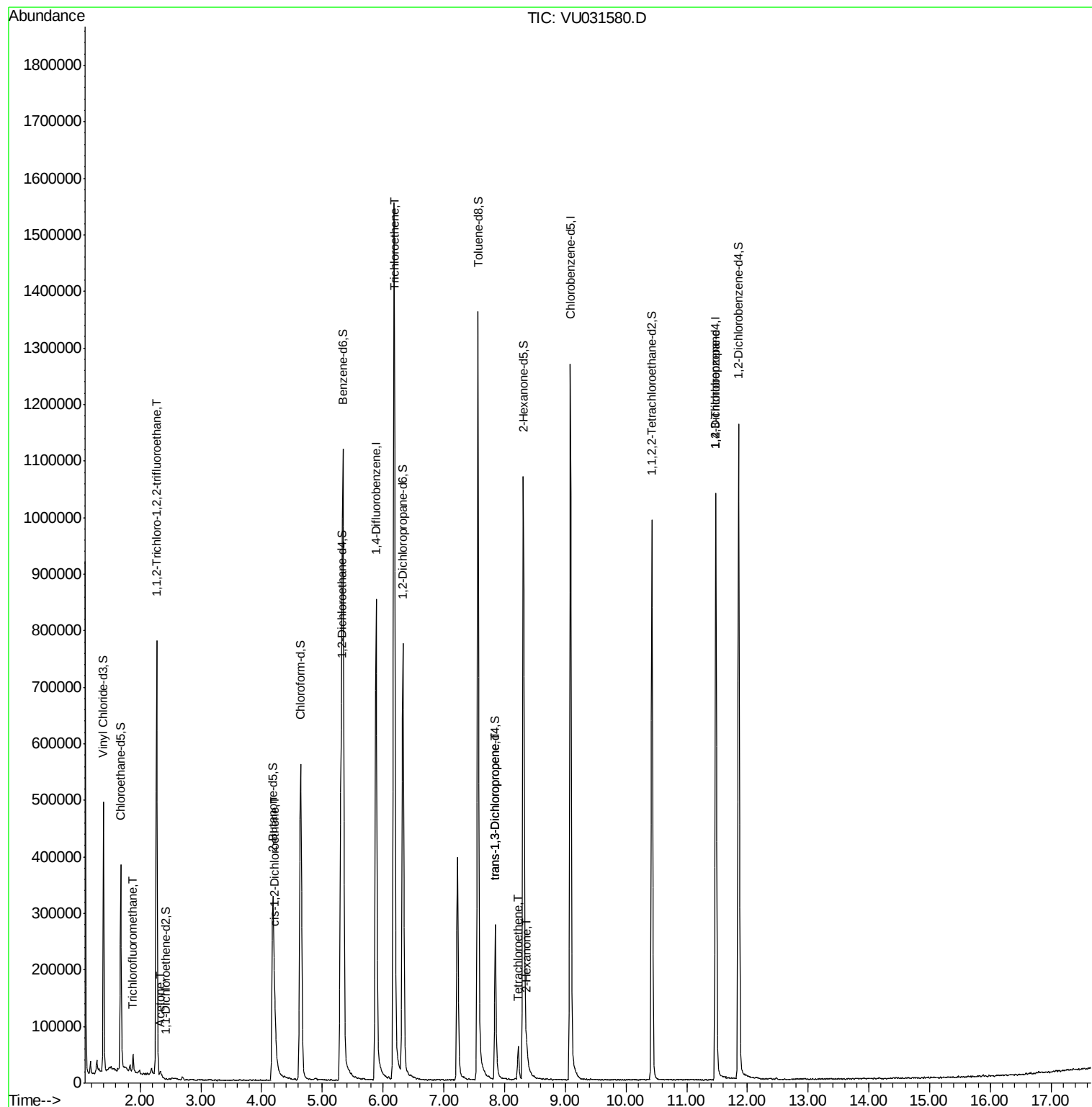
					Qvalue
9) Trichlorofluoromethane	1.88	101	12021	1.208 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3706	0.659 ug/L #	21
13) Acetone	2.34	43	6134	1.023 ug/L	83
20) cis-1,2-Dichloroethene	4.22	96	13810	2.256 ug/L	97
34) Trichloroethene	6.18	95	579114	95.289 ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	6421	0.753 ug/L	95
46) Tetrachloroethene	8.23	164	13558	3.272 ug/L	92
48) 2-Hexanone	8.37	43	31056	3.506 ug/L #	49
59) 1,2,3-Trichloropropane	11.48	75	35936	4.258 ug/L	92

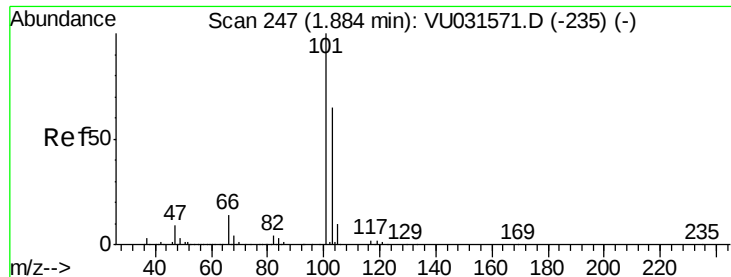
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.208 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031580.D

Acq: 29 Apr 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

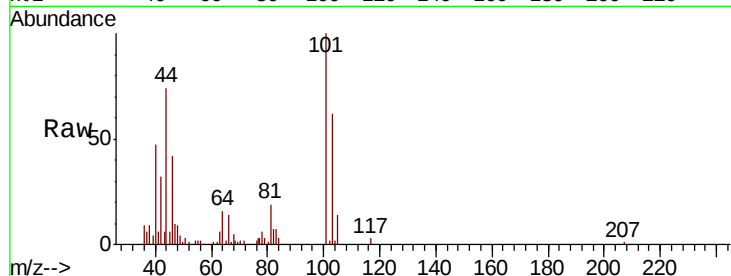
C0X06

Tgt Ion:101 Resp: 12021

Ion Ratio Lower Upper

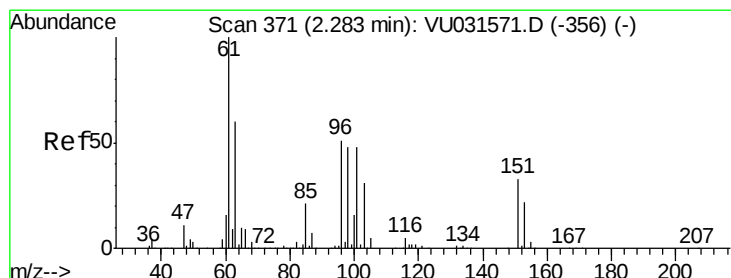
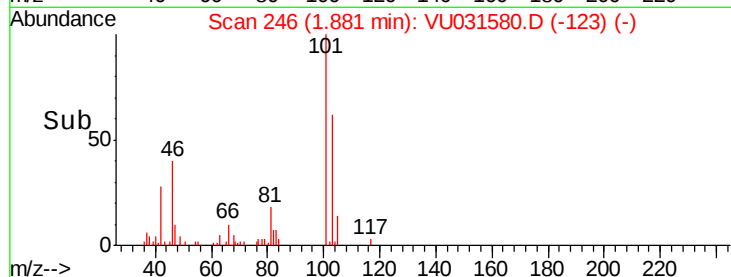
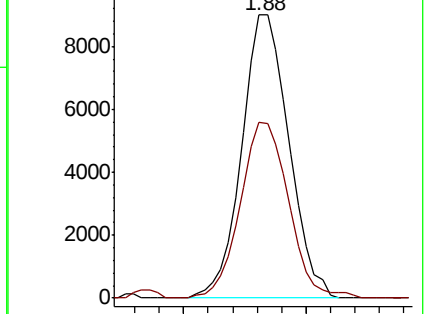
101 100

103 63.8 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: 0.659 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031580.D

Acq: 29 Apr 2019 12:49

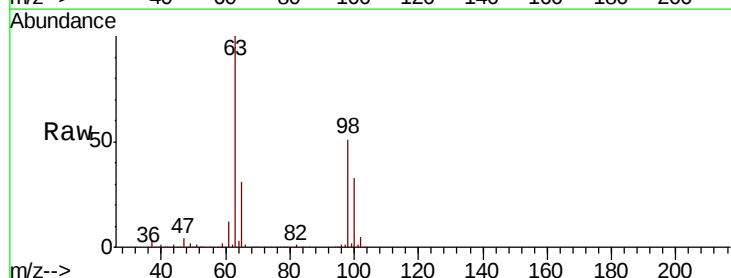
Tgt Ion:101 Resp: 3706

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

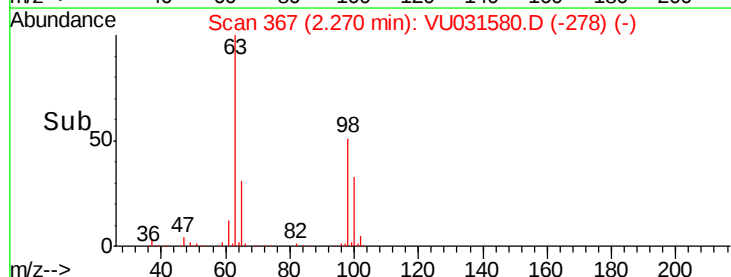
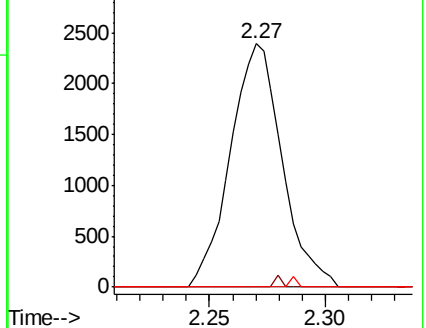
151 0.0 56.1 84.1#

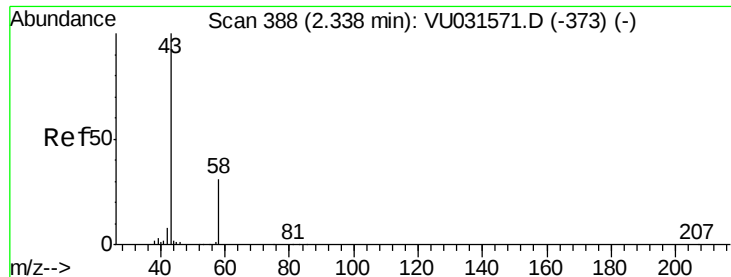


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 1.023 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031580.D

Acq: 29 Apr 2019 12:49

Instrument :

MSVOA_U

ClientSampled :

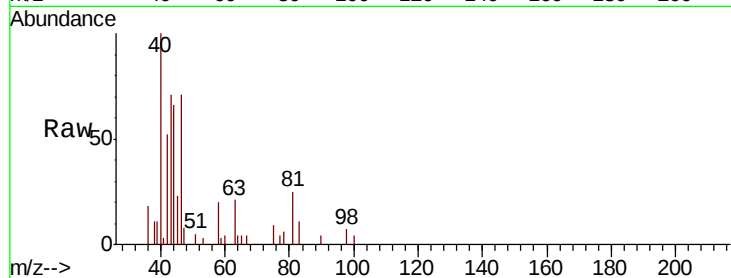
C0X06

Tgt Ion: 43 Resp: 6134

Ion Ratio Lower Upper

43 100

58 22.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031571.D (-373) (-)

Ion 58.00 (57.70 to 58.70): VU031571.D (-373) (-)

2.34

2500

2000

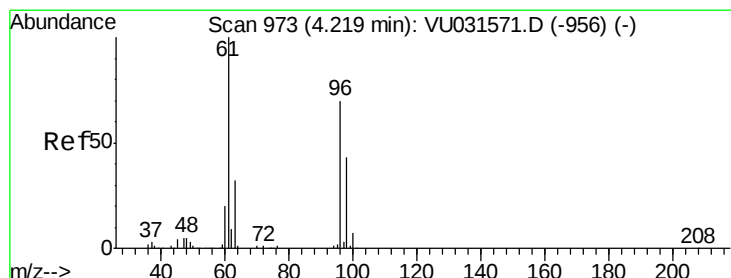
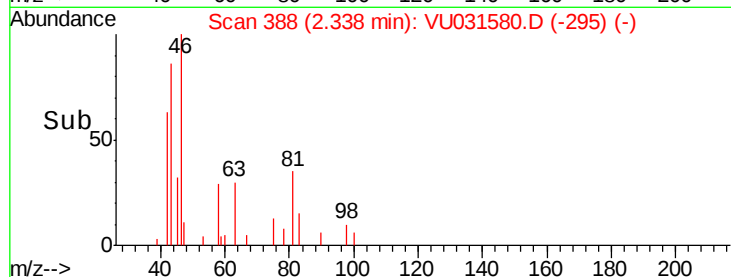
1500

1000

500

0

Time--> 2.25 2.30 2.35 2.40



#20

cis-1,2-Dichloroethene

Concen: 2.256 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031580.D

Acq: 29 Apr 2019 12:49

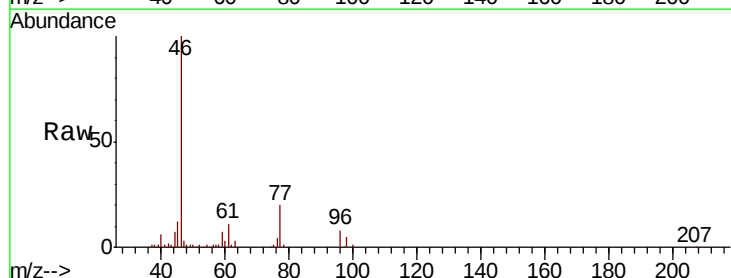
Tgt Ion: 96 Resp: 13810

Ion Ratio Lower Upper

96 100

61 138.6 99.5 184.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031571.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU031571.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU031571.D (-956) (-)

10000

8000

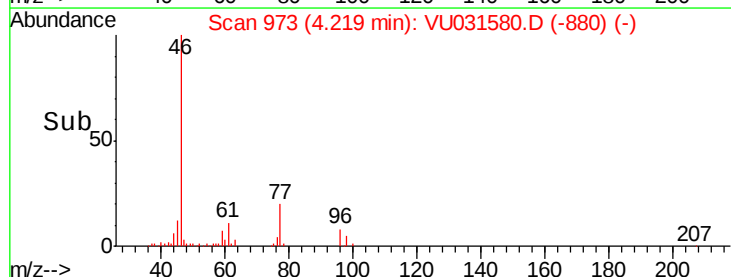
6000

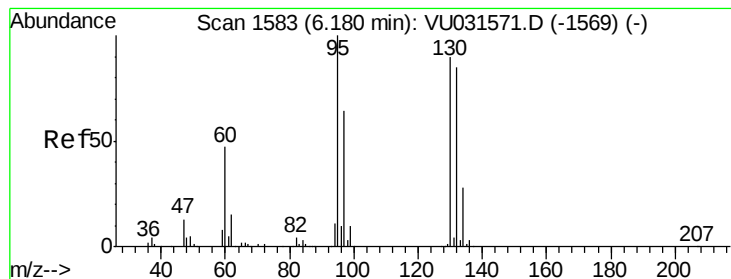
4000

2000

0

Time--> 4.15 4.20 4.25 4.30





#34

Trichloroethene

Concen: 95.289 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031580.D

Acq: 29 Apr 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

C0X06

Tgt Ion: 95 Resp: 579114

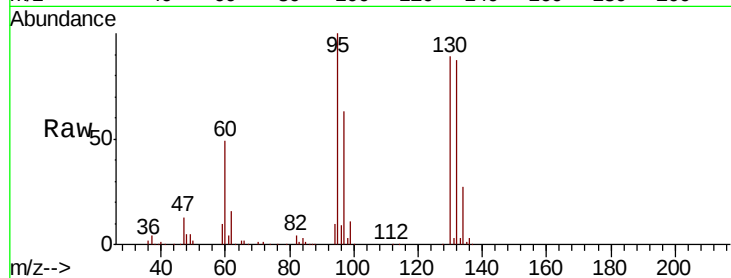
Ion Ratio Lower Upper

95 100

97 62.7 44.8 83.2

132 86.5 63.1 117.1

130 89.4 66.5 123.5

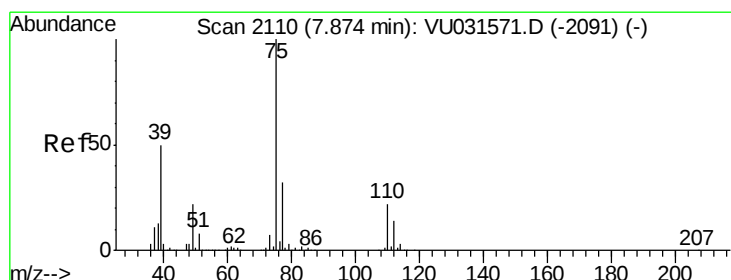
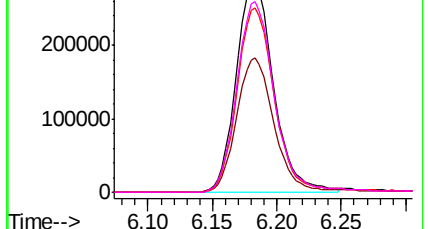
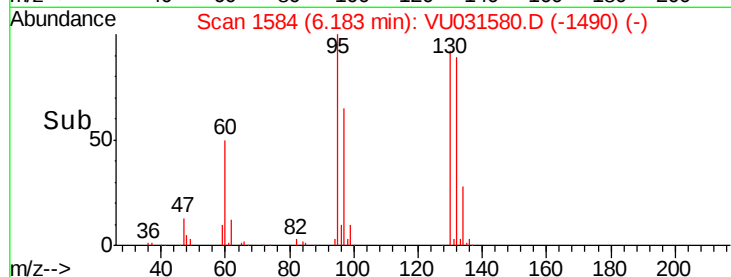


Abundance Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031571.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031571.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031571.D (-1569) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.753 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031580.D

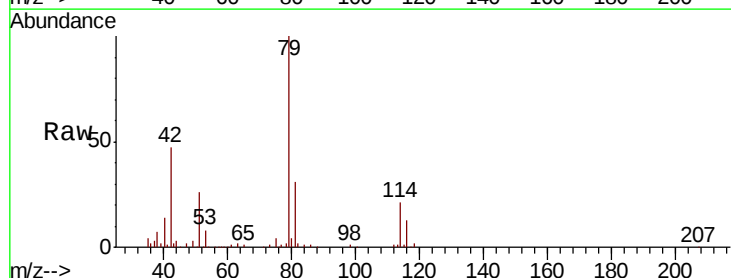
Acq: 29 Apr 2019 12:49

Tgt Ion: 75 Resp: 6421

Ion Ratio Lower Upper

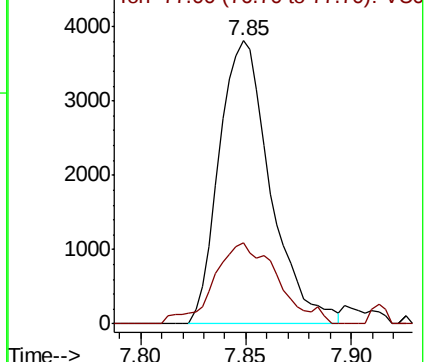
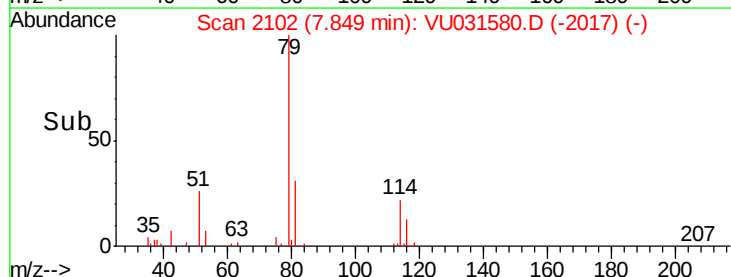
75 100

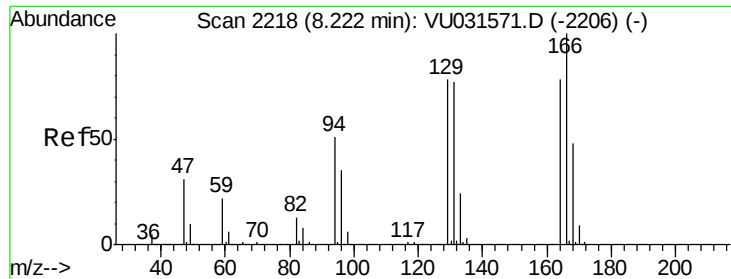
77 28.7 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031571.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU031571.D (-2091) (-)

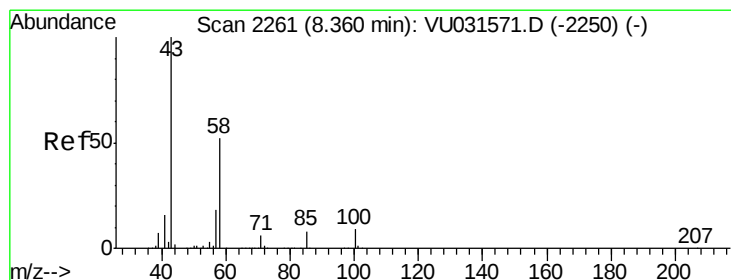
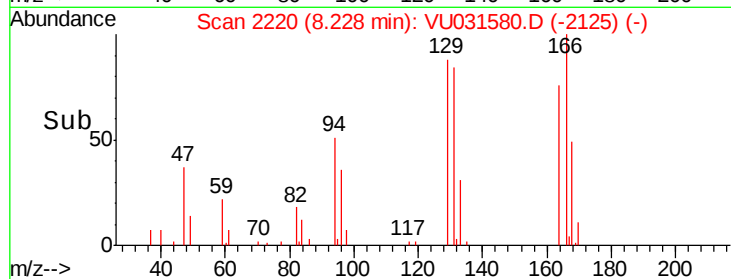
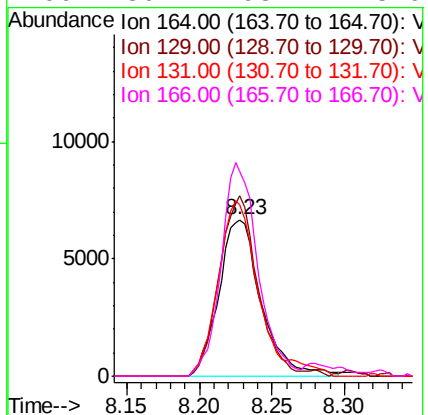
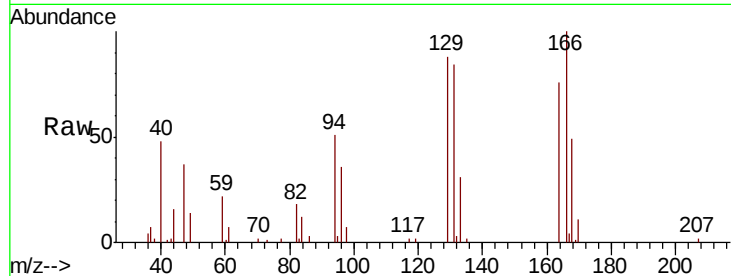




#46
Tetrachloroethene
Concen: 3.272 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031580.D
Acq: 29 Apr 2019 12:49

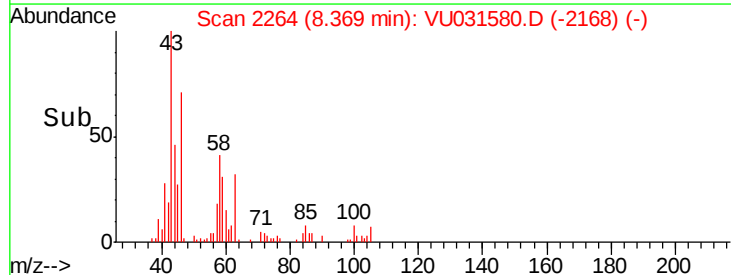
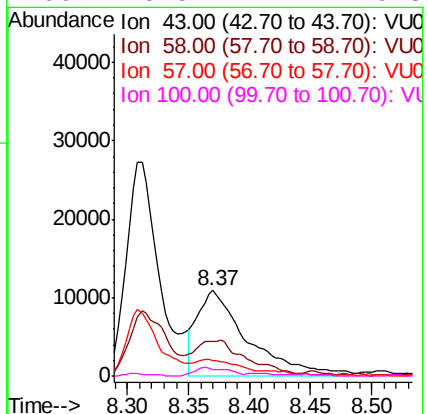
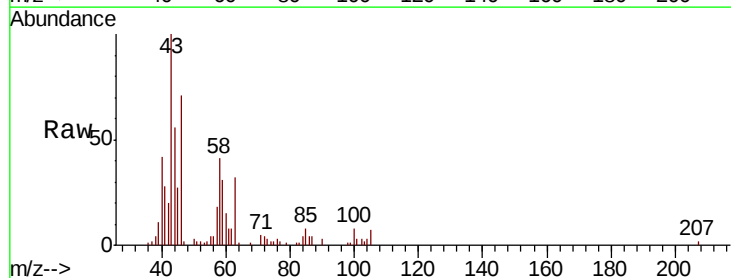
Instrument :
MSVOA_U
ClientSampleId :
C0X06

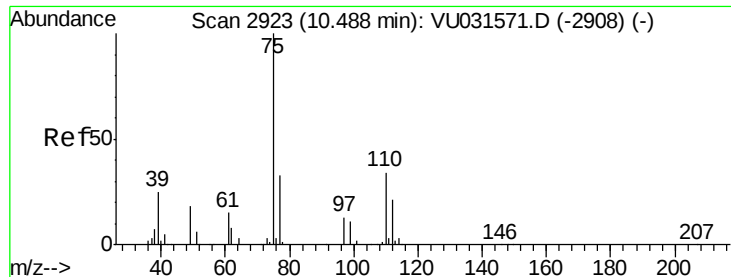
Tgt Ion:	164	Resp:	13558
Ion	Ratio	Lower	Upper
164	100		
129	115.0	71.5	132.9
131	109.3	69.0	128.2
166	130.7	93.7	173.9



#48
2-Hexanone
Concen: 3.506 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU031580.D
Acq: 29 Apr 2019 12:49

Tgt Ion:	43	Resp:	31056
Ion	Ratio	Lower	Upper
43	100		
58	3.5	42.1	63.1#
57	10.5	14.6	22.0#
100	6.5	7.2	10.8#





#59

1,2,3-Trichloropropane

Concen: 4.258 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031580.D

Acq: 29 Apr 2019 12:49

Instrument :

MSVOA_U

ClientSampleId :

C0X06

Tgt Ion: 75 Resp: 35936

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9

