

Data File : VU031603.D
Acq On : 29 Apr 2019 22:30
Operator : JC/SP
Sample : K2592-07 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COWZ8

Quant Time: Apr 30 04:53:29 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	625449	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	617219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	333325	63.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.36%
7) Chloroethane-d5	1.68	69	243541	60.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.42%
11) 1,1-Dichloroethene-d2	2.27	63	466636	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
21) 2-Butanone-d5	4.18	46	545335	114.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.98%
24) Chloroform-d	4.64	84	512534	53.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.92%
26) 1,2-Dichloroethane-d4	5.30	65	354746	56.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.28%
32) Benzene-d6	5.34	84	1007389	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.30%
36) 1,2-Dichloropropane-d6	6.32	67	359817	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.92%
41) Toluene-d8	7.56	98	820239	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%
43) trans-1,3-Dichloropropene-	7.85	79	137096	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
47) 2-Hexanone-d5	8.31	63	297799	103.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	443137	49.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	243715	53.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.28%

Target Compounds

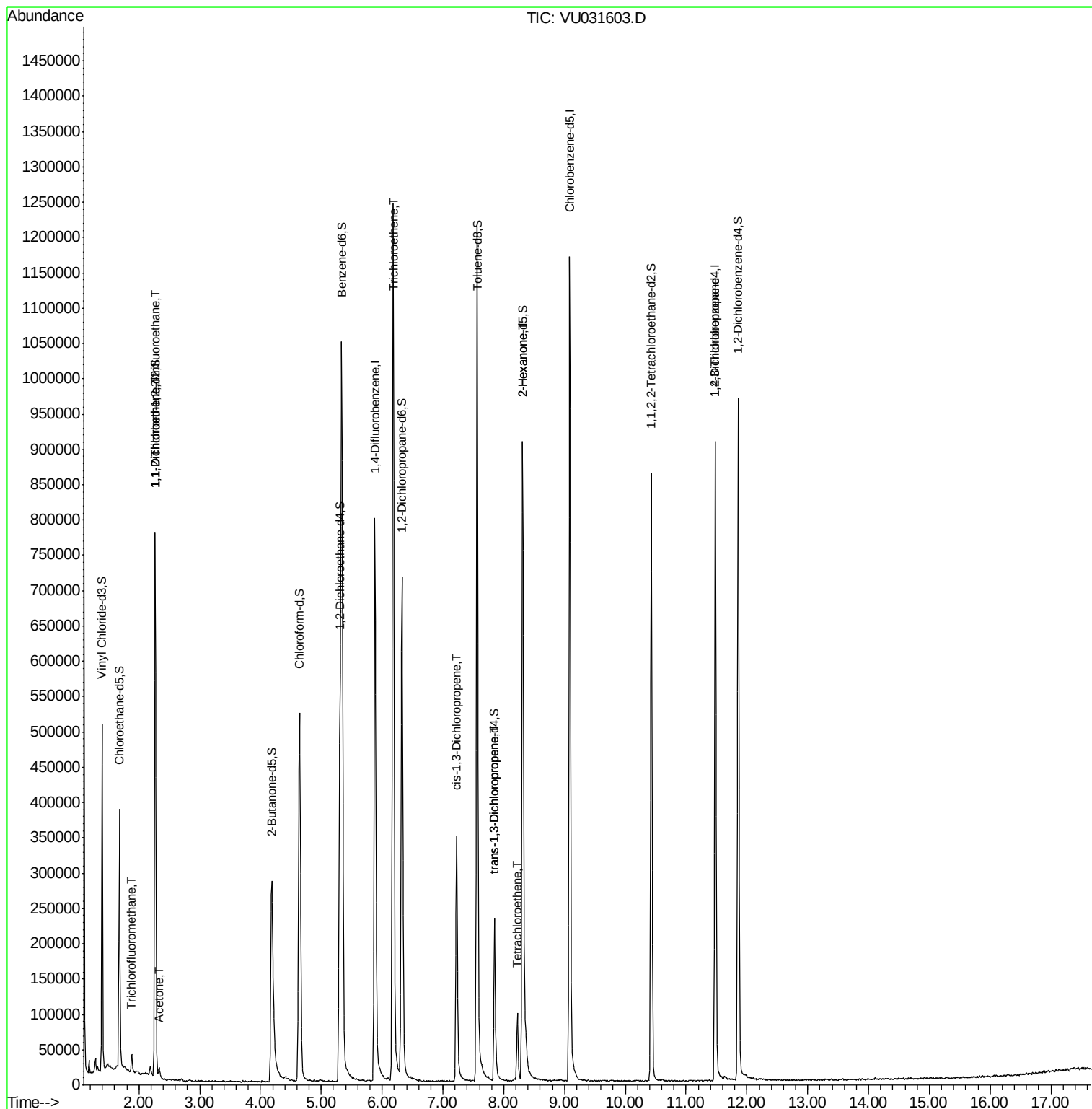
					Qvalue
9) Trichlorofluoromethane	1.88	101	7990	0.901 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3747	0.747 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3439	0.705 ug/L #	1
13) Acetone	2.33	43	10568	1.978 ug/L	96
34) Trichloroethene	6.18	95	461156	83.835 ug/L	97
39) cis-1,3-Dichloropropene	7.23	75	9097	1.069 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	5601	0.725 ug/L #	67
46) Tetrachloroethene	8.22	164	20088	5.357 ug/L	95
48) 2-Hexanone	8.31	43	42243	5.270 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	30063	3.936 ug/L	89

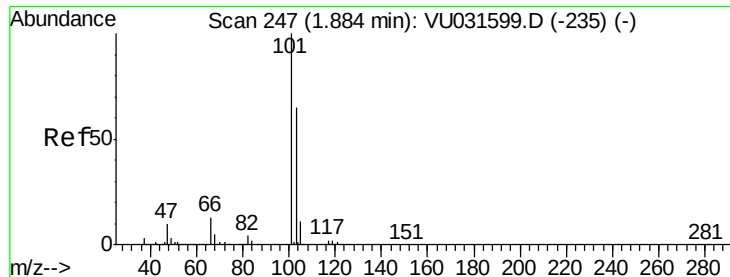
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.901 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Acq: 29 Apr 2019 22:30

Instrument :

MSVOA_U

ClientSampleId :

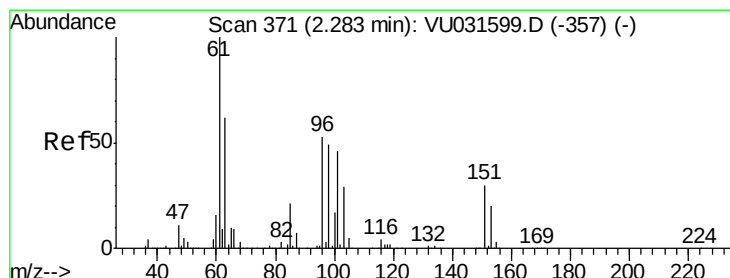
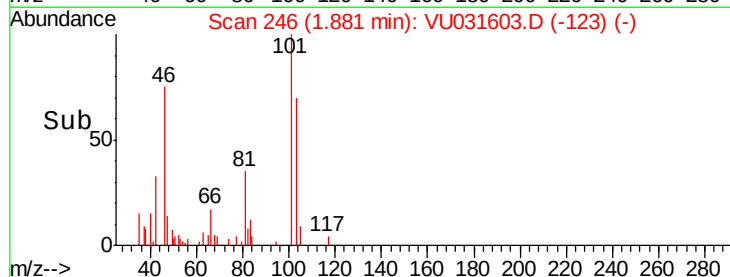
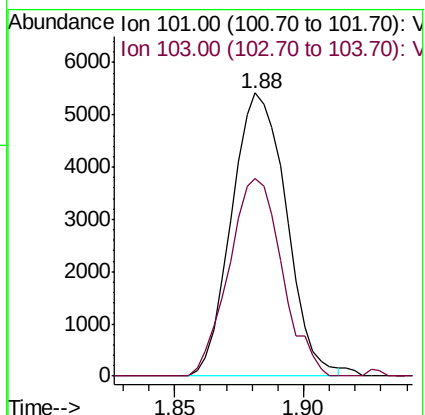
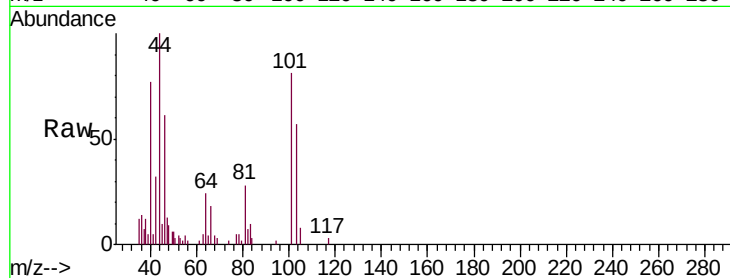
C0WZ8

Tgt Ion:101 Resp: 7990

Ion Ratio Lower Upper

101 100

103 67.9 50.8 76.2



#10

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

Concen: 0.747 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031603.D

Acq: 29 Apr 2019 22:30

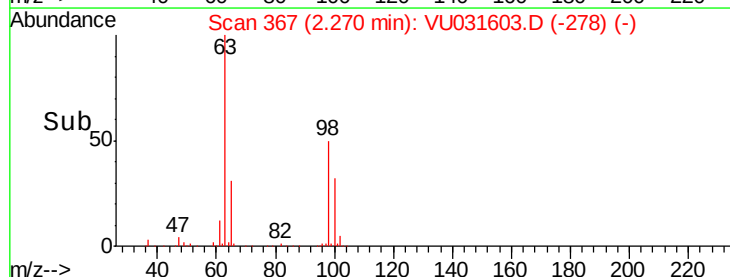
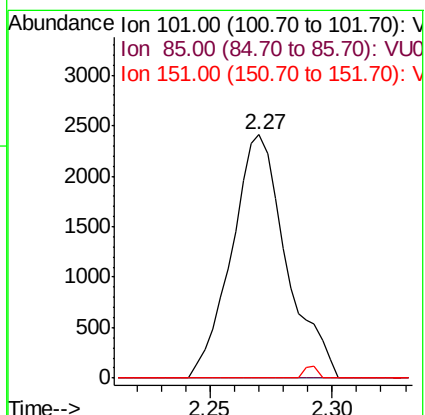
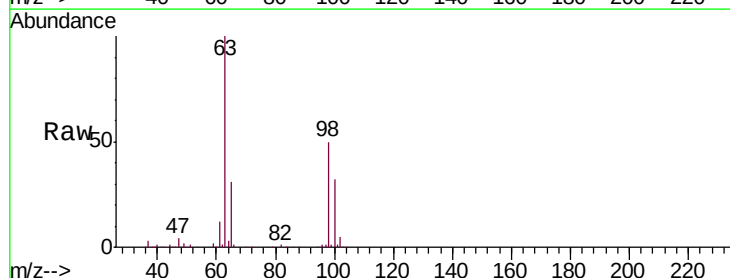
Tgt Ion:101 Resp: 3747

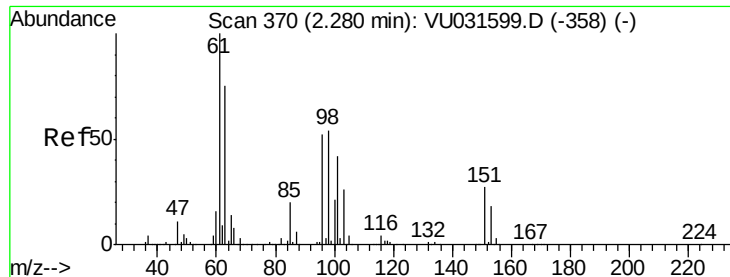
Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 1.1 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.705 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031603.D

Acq: 29 Apr 2019 22:30

Instrument :

MSVOA_U

ClientSampleId :

COWZ8

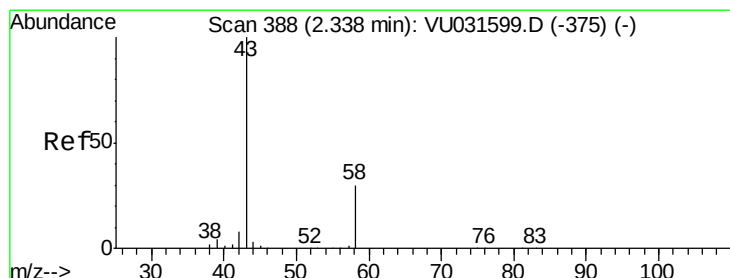
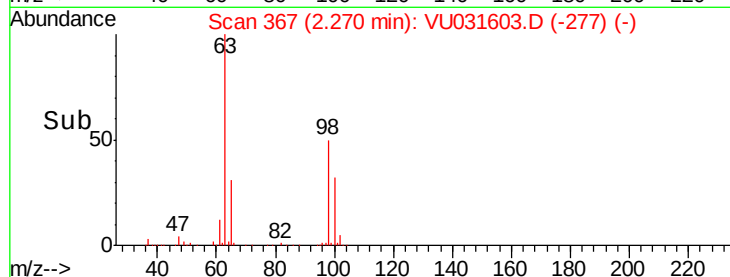
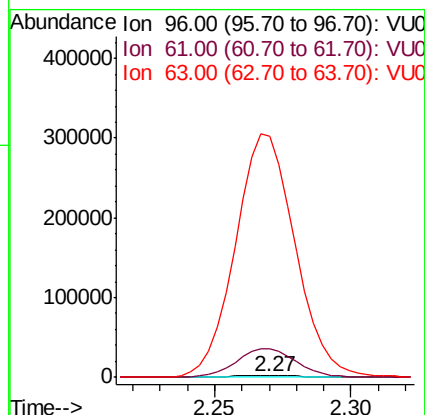
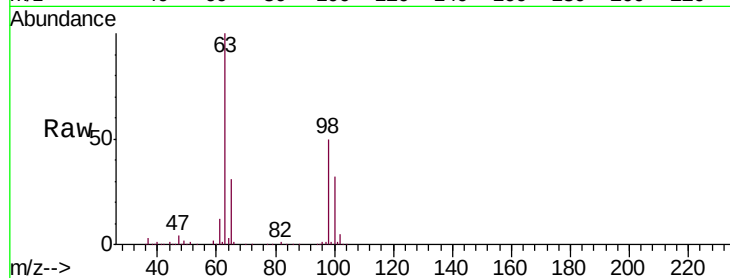
Tgt Ion: 96 Resp: 3439

Ion Ratio Lower Upper

96 100

61 1824.8 135.0 250.6#

63 15241.2 103.5 192.3#



#13

Acetone

Concen: 1.978 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU031603.D

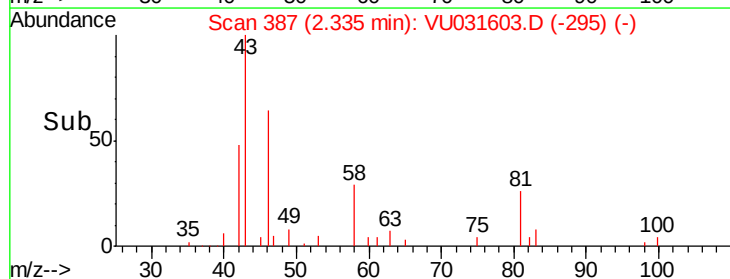
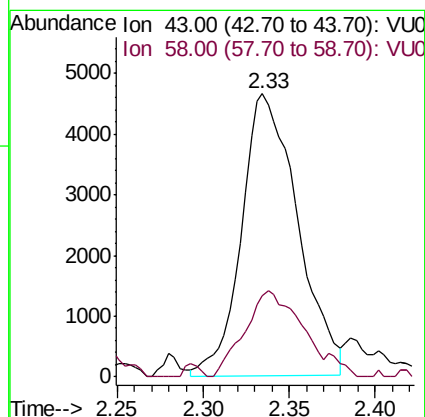
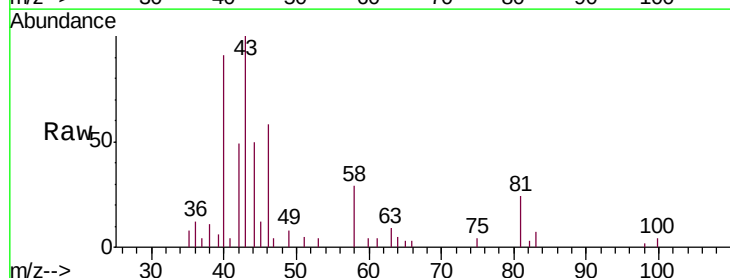
Acq: 29 Apr 2019 22:30

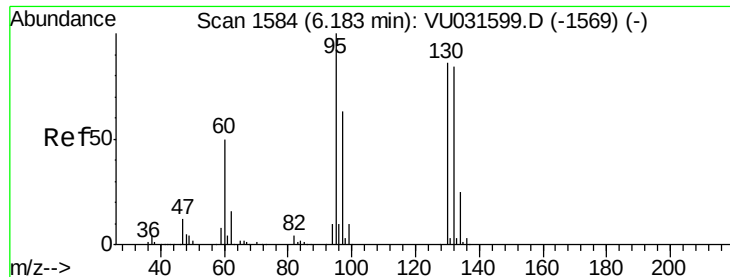
Tgt Ion: 43 Resp: 10568

Ion Ratio Lower Upper

43 100

58 30.0 0.0 64.4





#34

Trichloroethene

Concen: 83.835 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031603.D

Acq: 29 Apr 2019 22:30

Instrument :

MSVOA_U

ClientSampleId :

C0WZ8

Tgt Ion: 95 Resp: 461156

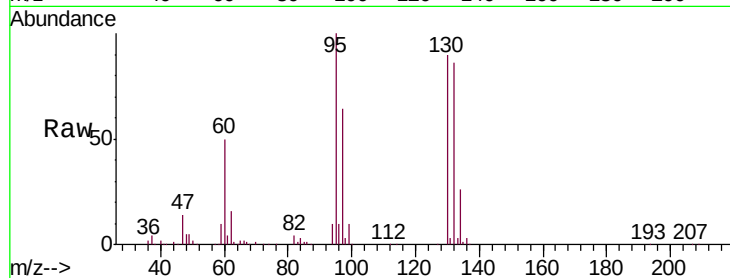
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 86.3 63.1 117.1

130 90.4 66.5 123.5

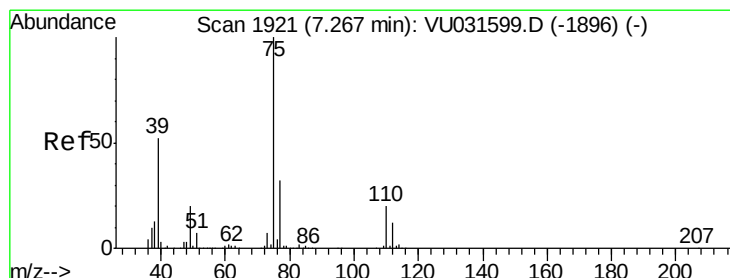
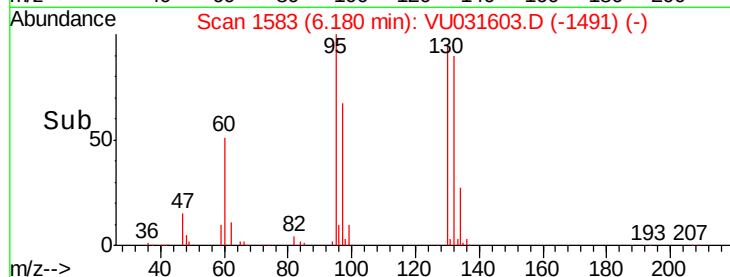
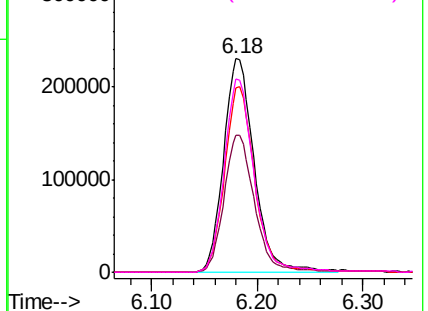


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#39

cis-1,3-Dichloropropene

Concen: 1.069 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU031603.D

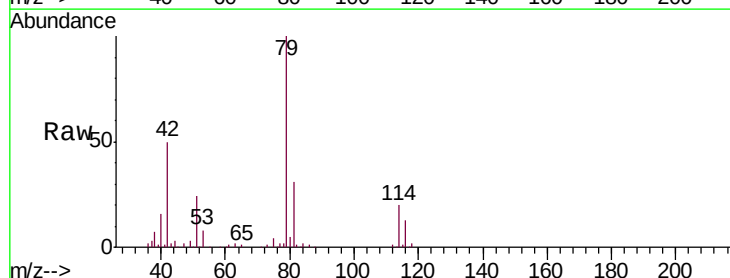
Acq: 29 Apr 2019 22:30

Tgt Ion: 75 Resp: 9097

Ion Ratio Lower Upper

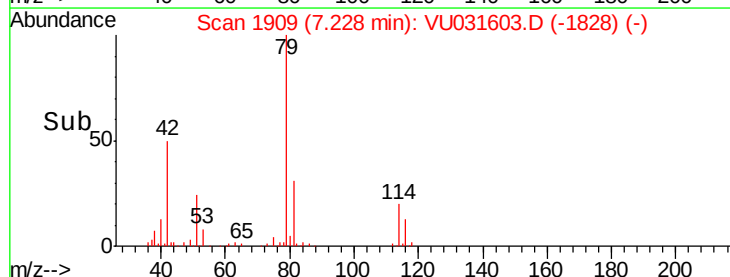
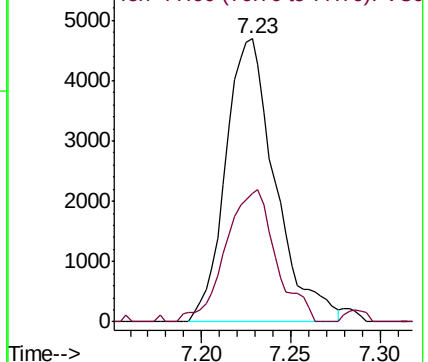
75 100

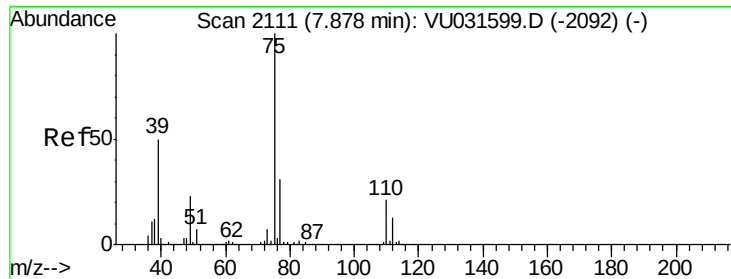
77 45.5 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

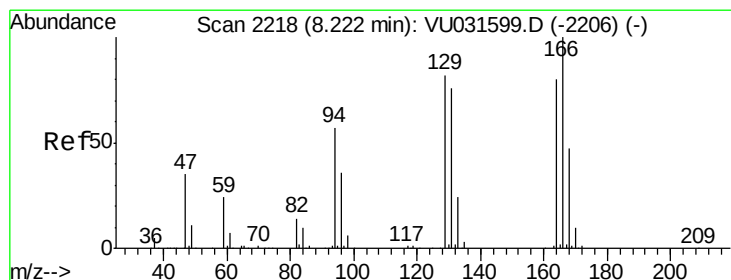
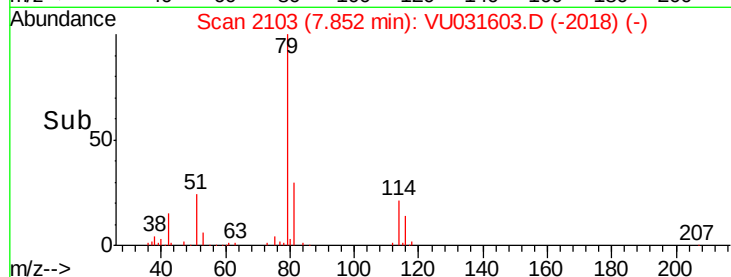
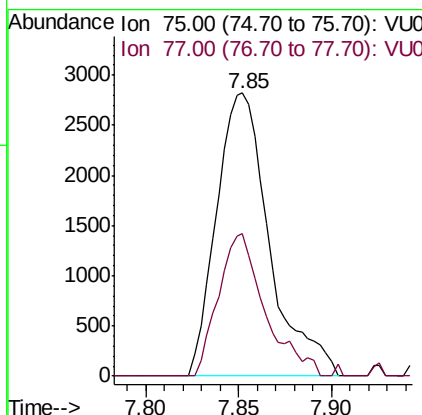
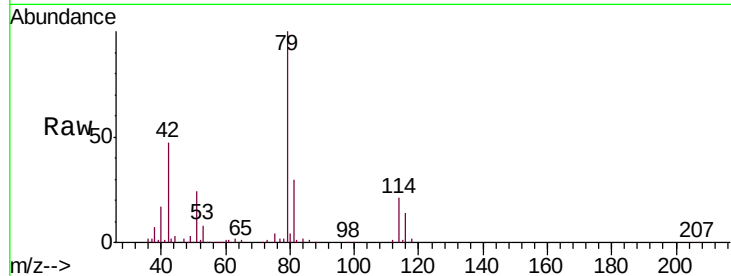




#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU031603.D
Acq: 29 Apr 2019 22:30

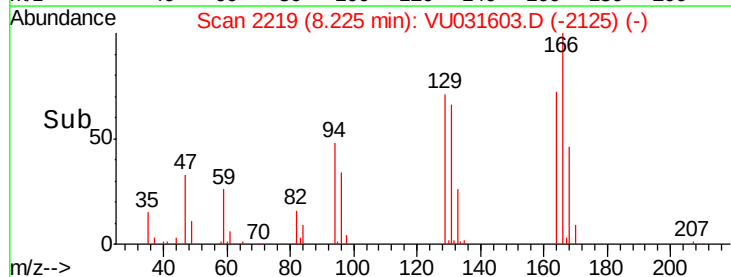
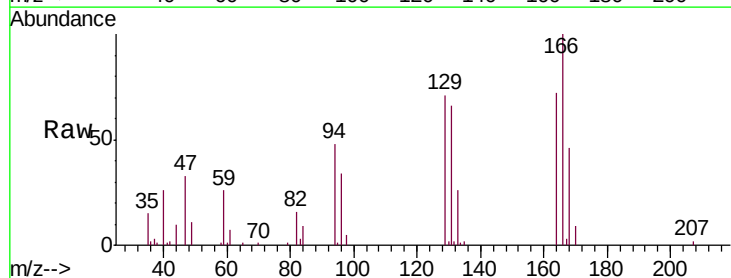
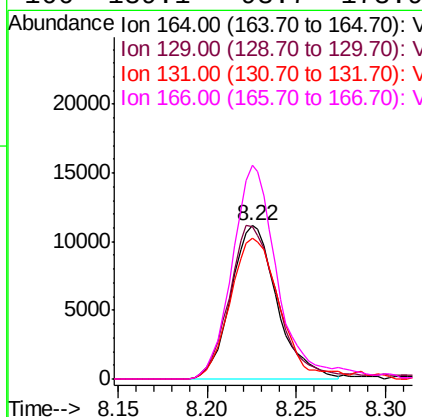
Instrument :
MSVOA_U
ClientSampleId :
COWZ8

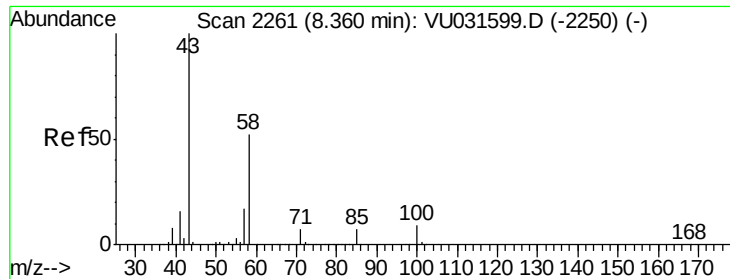
Tgt Ion: 75 Resp: 5601
Ion Ratio Lower Upper
75 100
77 50.1 22.1 41.1#



#46
Tetrachloroethene
Concen: 5.357 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031603.D
Acq: 29 Apr 2019 22:30

Tgt Ion: 164 Resp: 20088
Ion Ratio Lower Upper
164 100
129 99.3 71.5 132.9
131 91.7 69.0 128.2
166 139.1 93.7 173.9

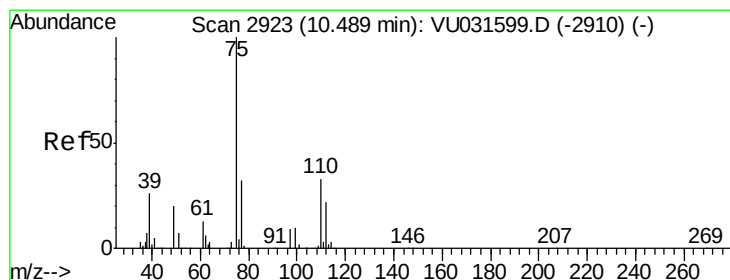
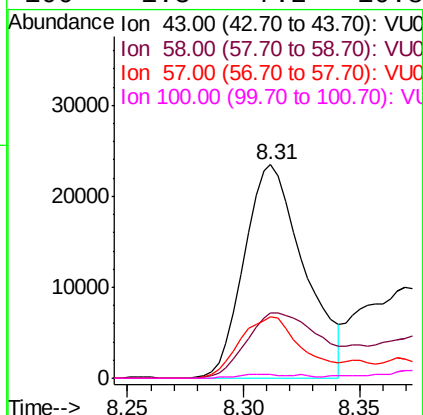
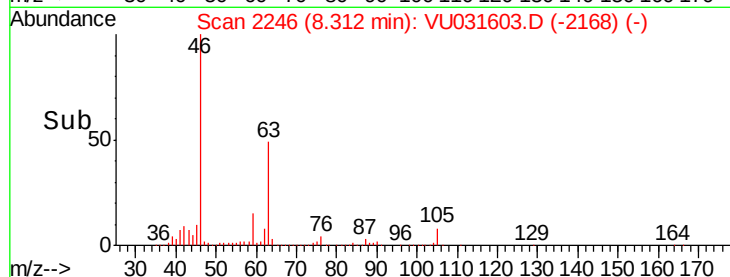
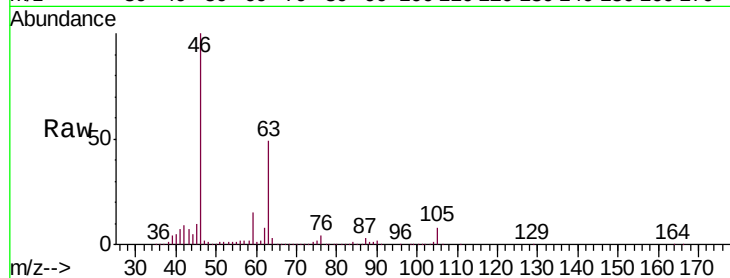




#48
 2-Hexanone
 Concen: 5.270 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031603.D
 Acq: 29 Apr 2019 22:30

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ8

Tgt Ion: 43 Resp: 42243
 Ion Ratio Lower Upper
 43 100
 58 36.8 42.1 63.1#
 57 30.1 14.6 22.0#
 100 1.3 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.936 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031603.D
 Acq: 29 Apr 2019 22:30

Tgt Ion: 75 Resp: 30063
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.9 38.9

