

Data File : VU031604.D
Acq On : 29 Apr 2019 22:54
Operator : JC/SP
Sample : K2592-08 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COWZ9

Quant Time: Apr 30 04:53:38 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	669913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	638626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231991	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	347758	62.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.06%
7) Chloroethane-d5	1.68	69	235651	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.78%
11) 1,1-Dichloroethene-d2	2.26	63	481158	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
21) 2-Butanone-d5	4.19	46	559560	110.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.15%
24) Chloroform-d	4.64	84	524181	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
26) 1,2-Dichloroethane-d4	5.30	65	360904	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.60%
32) Benzene-d6	5.33	84	1037201	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.78%
36) 1,2-Dichloropropane-d6	6.32	67	370750	53.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.48%
41) Toluene-d8	7.56	98	844074	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.85	79	145930	49.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.54%
47) 2-Hexanone-d5	8.32	63	315002	105.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	471755	50.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	254244	52.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.22%

Target Compounds

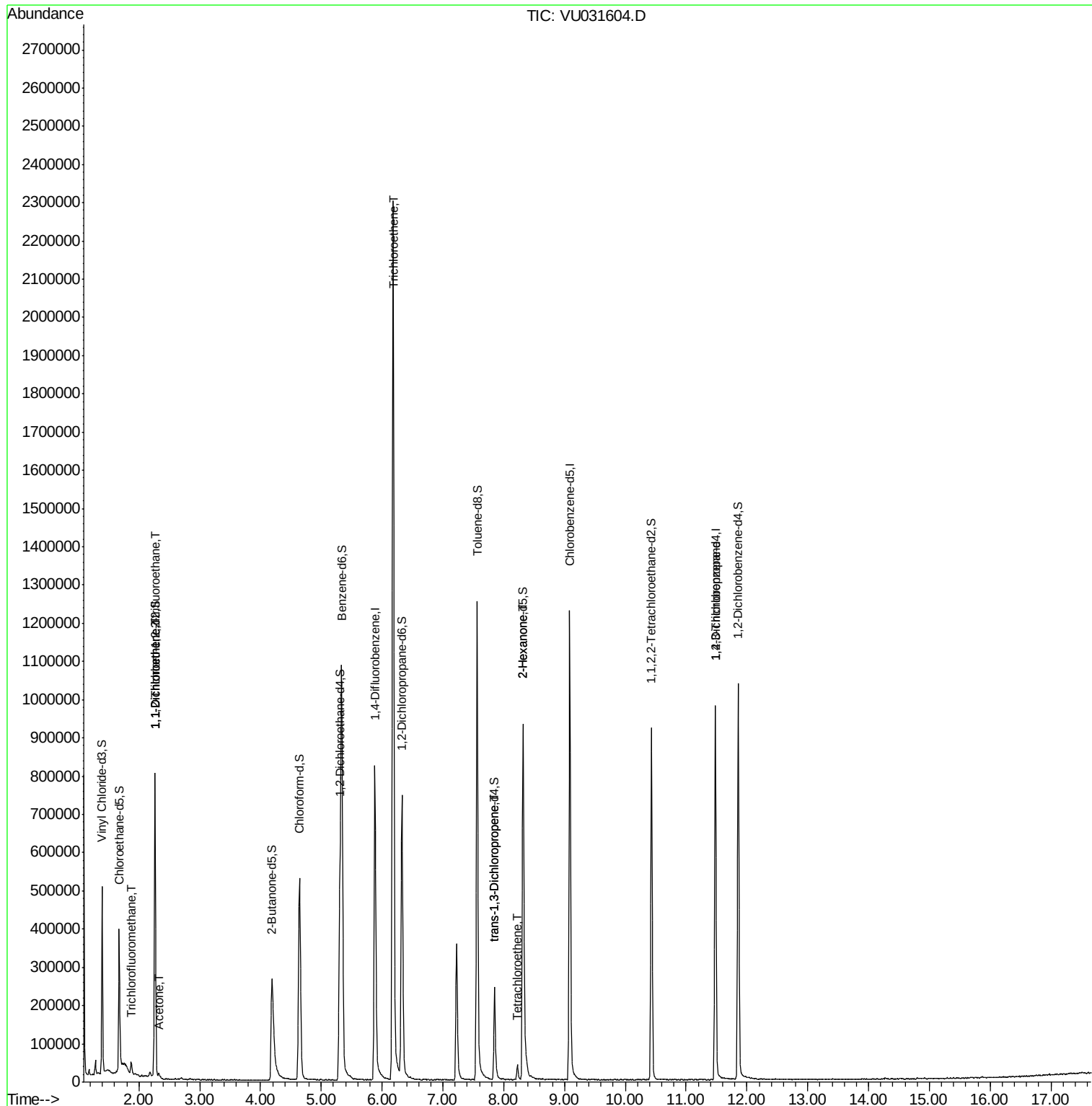
						Qvalue
9) Trichlorofluoromethane	1.87	101	12820	1.350	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4070	0.758	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	3576	0.684	ug/L #	1
13) Acetone	2.34	43	5493	0.960	ug/L	62
34) Trichloroethene	6.18	95	844807	148.432	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	6419	0.804	ug/L	90
46) Tetrachloroethene	8.22	164	8073	2.081	ug/L	96
48) 2-Hexanone	8.32	43	47297	5.702	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	33174	4.198	ug/L	89

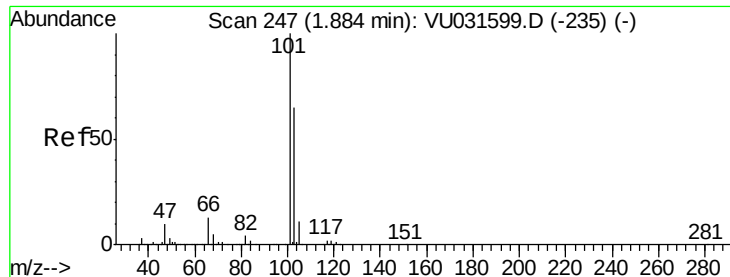
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.350 ug/L

RT: 1.87 min Scan# 244

Delta R.T. -0.01 min

Lab File: VU031604.D

Acq: 29 Apr 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

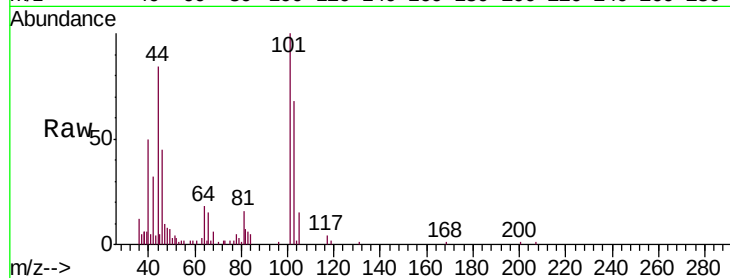
C0WZ9

Tgt Ion:101 Resp: 12820

Ion Ratio Lower Upper

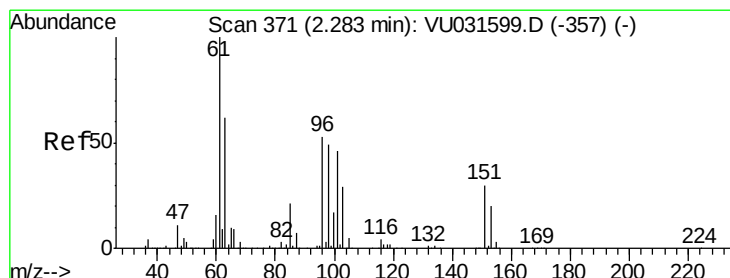
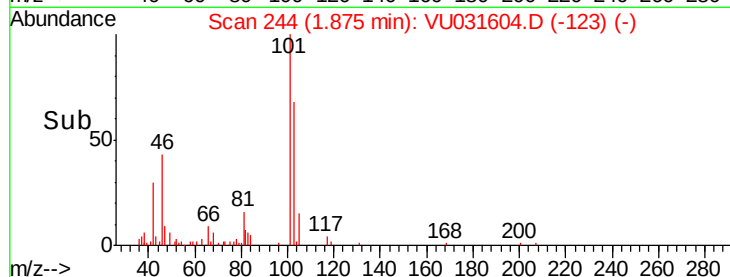
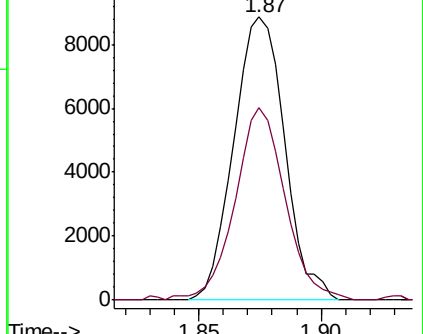
101 100

103 66.3 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: 0.758 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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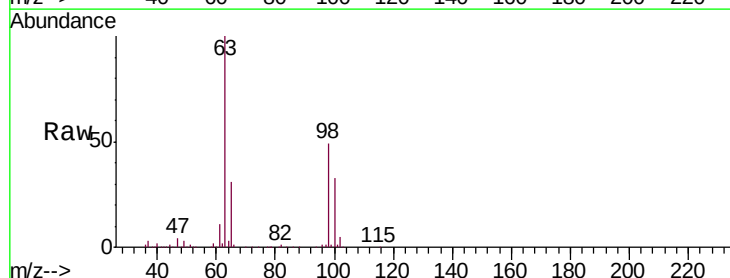
Tgt Ion:101 Resp: 4070

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

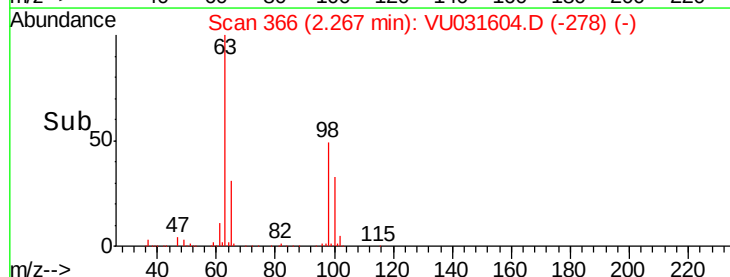
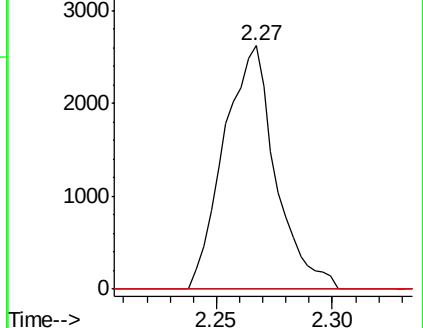
151 0.0 56.1 84.1#

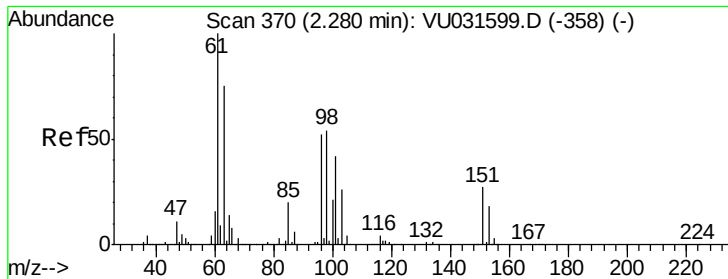


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

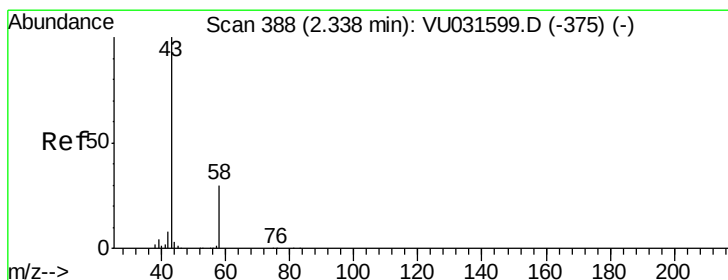
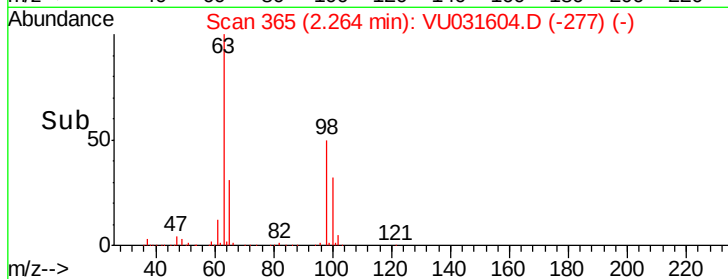
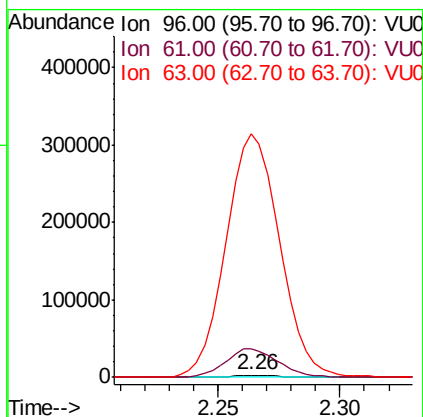
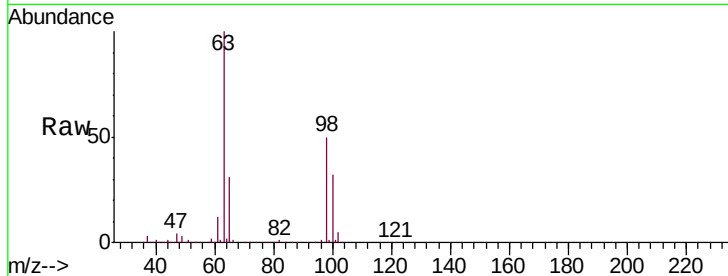




#12
 1,1-Dichloroethene
 Concen: 0.684 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.02 min
 Lab File: VU031604.D
 Acq: 29 Apr 2019 22:54

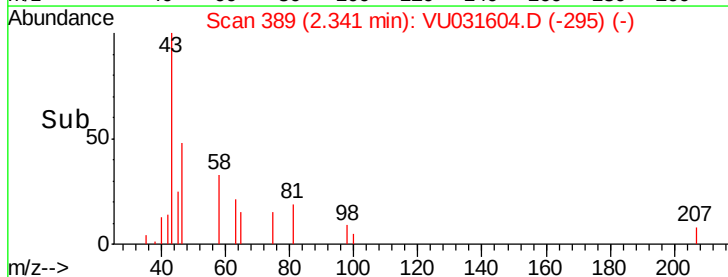
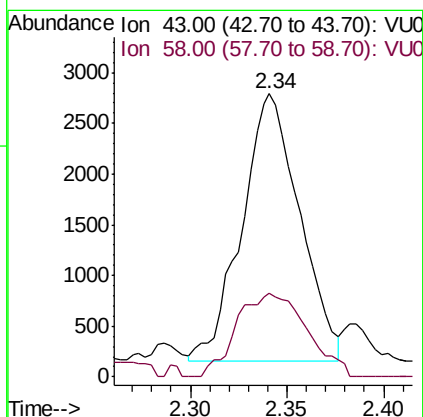
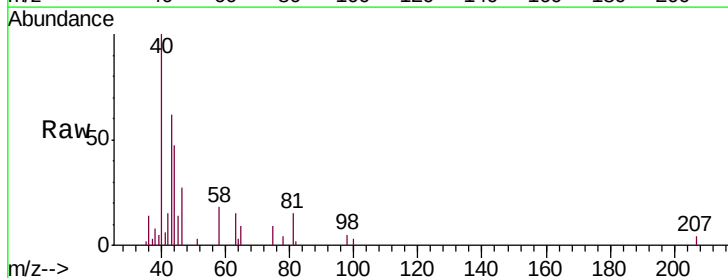
Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ9

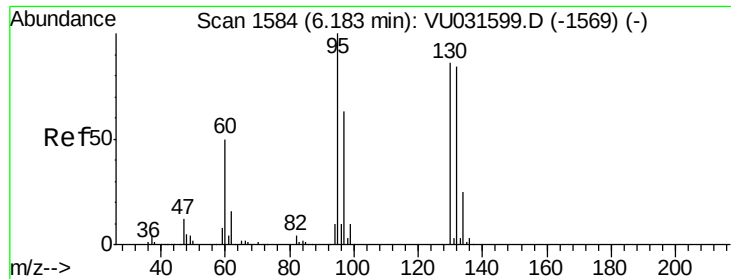
Tgt Ion: 96 Resp: 3576
 Ion Ratio Lower Upper
 96 100
 61 1509.9 135.0 250.6#
 63 12650.7 103.5 192.3#



#13
 Acetone
 Concen: 0.960 ug/L
 RT: 2.34 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VU031604.D
 Acq: 29 Apr 2019 22:54

Tgt Ion: 43 Resp: 5493
 Ion Ratio Lower Upper
 43 100
 58 10.8 0.0 64.4





#34

Trichloroethene

Concen: 148.432 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031604.D

Acq: 29 Apr 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

COWZ9

Tgt Ion: 95 Resp: 844807

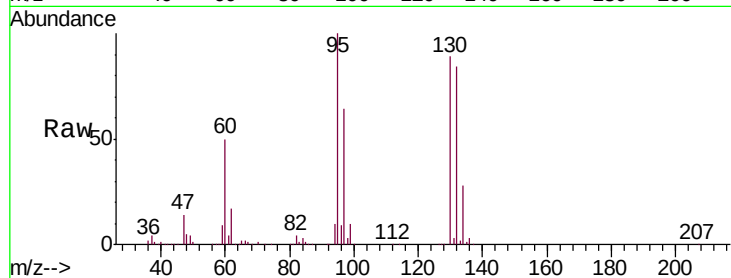
Ion Ratio Lower Upper

95 100

97 63.9 44.8 83.2

132 83.6 63.1 117.1

130 89.2 66.5 123.5

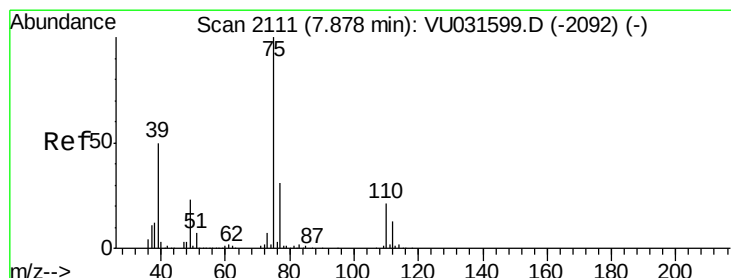
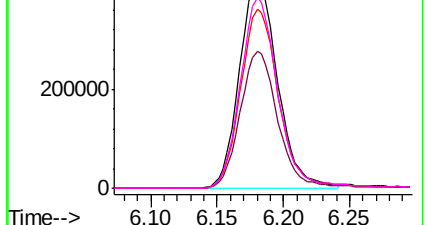
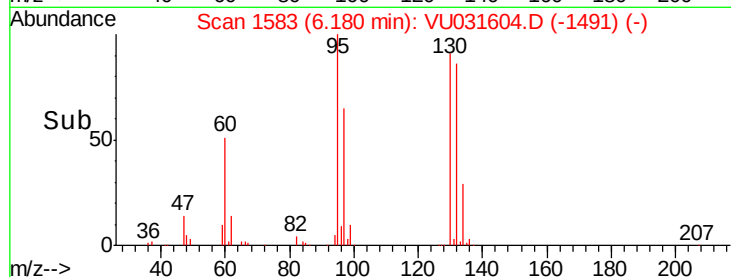


Abundance Ion 95.00 (94.70 to 95.70): VU031599.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031599.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031599.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031599.D (-1569) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.804 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031604.D

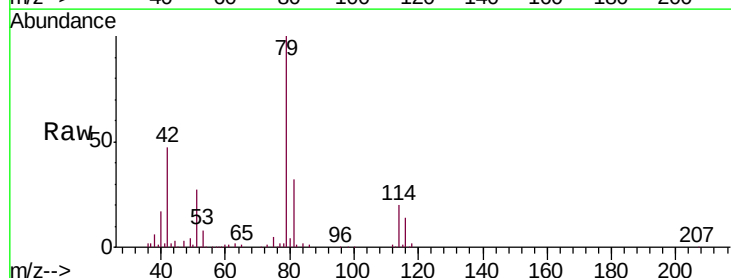
Acq: 29 Apr 2019 22:54

Tgt Ion: 75 Resp: 6419

Ion Ratio Lower Upper

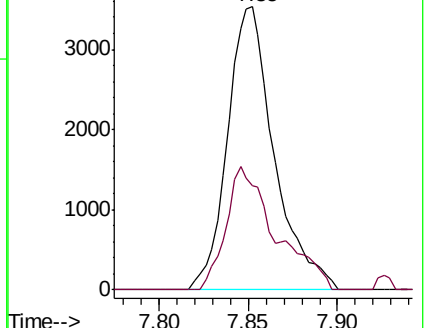
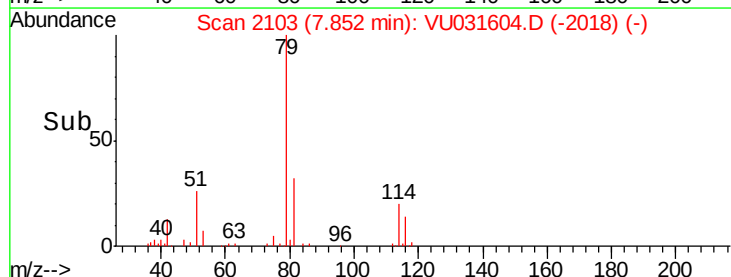
75 100

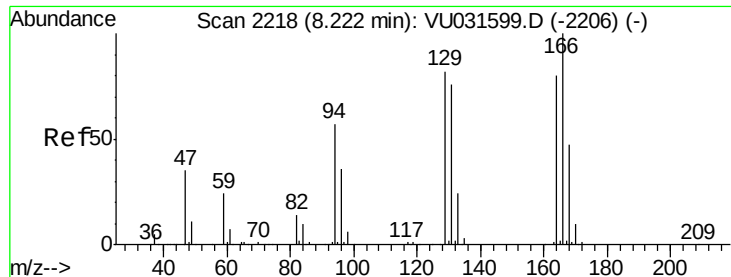
77 36.9 22.1 41.1



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: 2.081 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031604.D

Acq: 29 Apr 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

C0WZ9

Tgt Ion:164 Resp: 8073

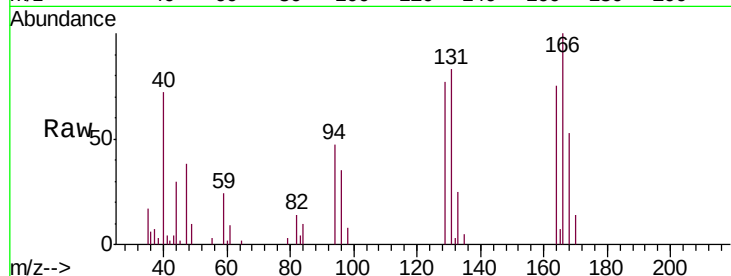
Ion Ratio Lower Upper

164 100

129 101.9 71.5 132.9

131 110.2 69.0 128.2

166 132.5 93.7 173.9

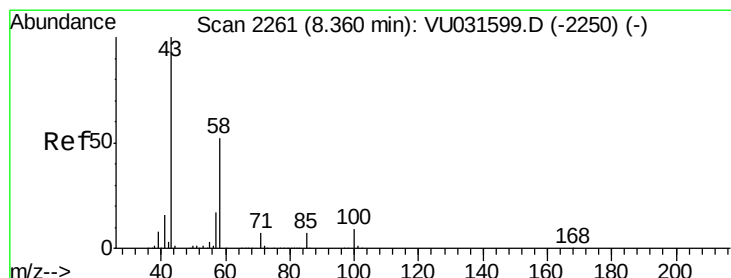
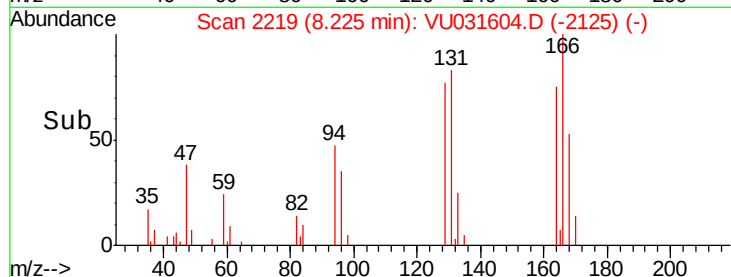
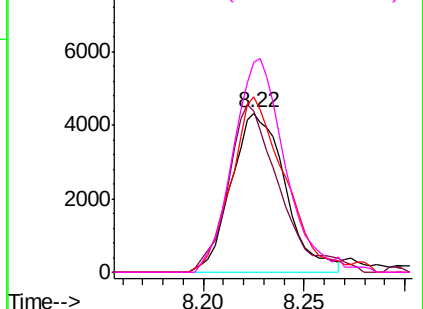


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.702 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

Lab File: VU031604.D

Acq: 29 Apr 2019 22:54

Tgt Ion: 43 Resp: 47297

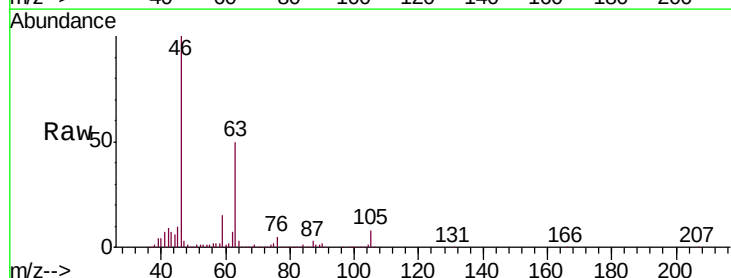
Ion Ratio Lower Upper

43 100

58 36.7 42.1 63.1#

57 27.4 14.6 22.0#

100 1.1 7.2 10.8#

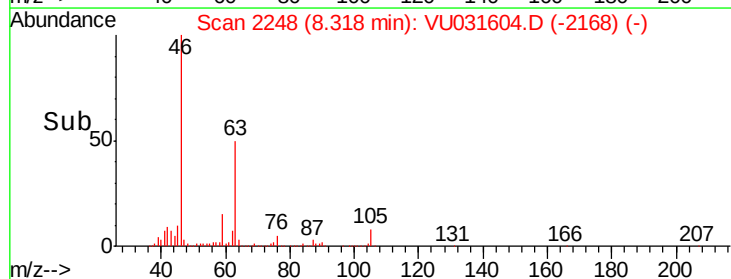
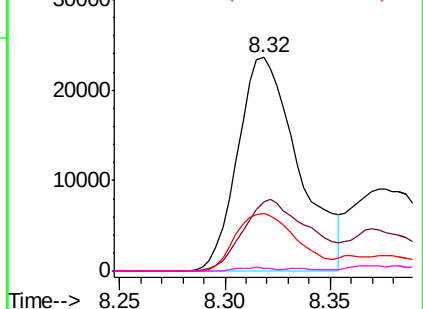


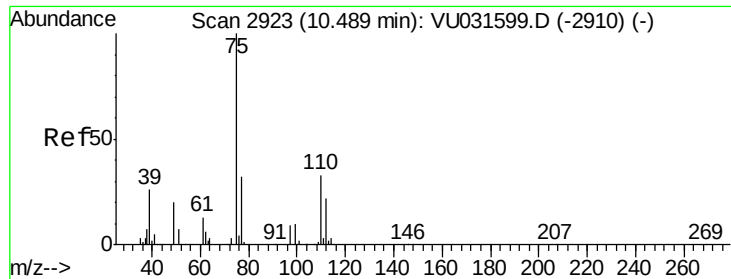
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.198 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031604.D

Acq: 29 Apr 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

C0WZ9

Tgt Ion: 75 Resp: 33174

Ion Ratio Lower Upper

75 100

77 38.5 25.9 38.9

