

Data File : VU031447.D
Acq On : 23 Apr 2019 18:42
Operator : JC/SP
Sample : K2536-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG3

Quant Time: Apr 24 06:06:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	742407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	679840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	302297	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	228611	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.00%
7) Chloroethane-d5	1.68	69	195768	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.48%
11) 1,1-Dichloroethene-d2	2.27	63	342789	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.52%
21) 2-Butanone-d5	4.19	46	460850	102.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.47%
24) Chloroform-d	4.64	84	422566	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	5.31	65	262500	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
32) Benzene-d6	5.34	84	888775	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
36) 1,2-Dichloropropane-d6	6.32	67	292552	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.58%
41) Toluene-d8	7.56	98	774717	44.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.32%
43) trans-1,3-Dichloropropene-	7.85	79	130986	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.31	63	326383	103.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	406115	47.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	283051	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

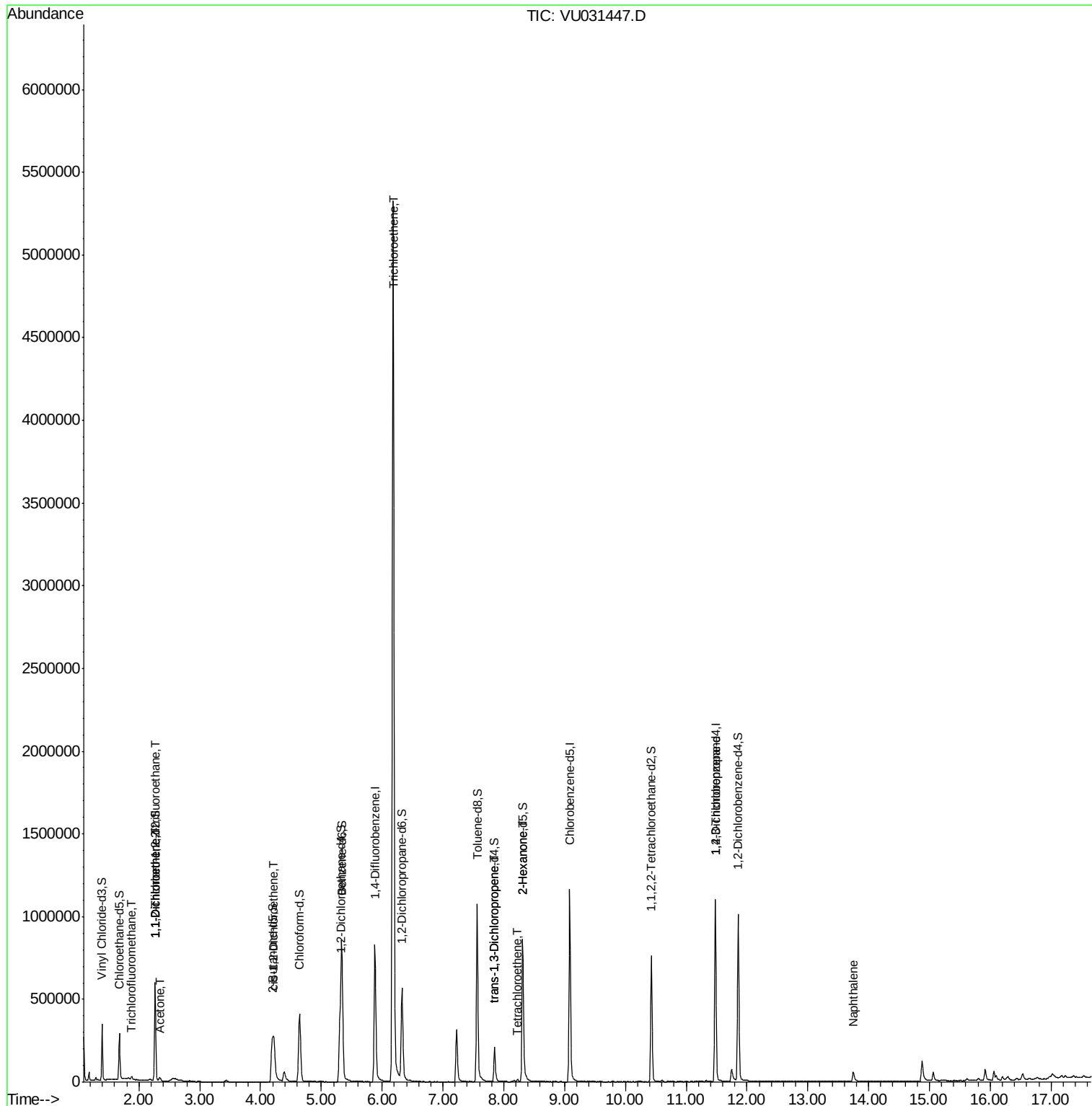
						Qvalue
9) Trichlorofluoromethane	1.88	101	5756	0.726	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3236	0.704	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	4426	0.979	ug/L #	1
13) Acetone	2.34	43	31720	8.983	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	99065	18.717	ug/L	98
34) Trichloroethene	6.18	95	1958492	375.876	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	5110	0.756	ug/L	85
46) Tetrachloroethene	8.22	164	1602	0.434	ug/L #	76
48) 2-Hexanone	8.31	43	35484	5.711	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	35762	5.529	ug/L	98
69) Naphthalene	13.75	128	63843	3.501	ug/L	98

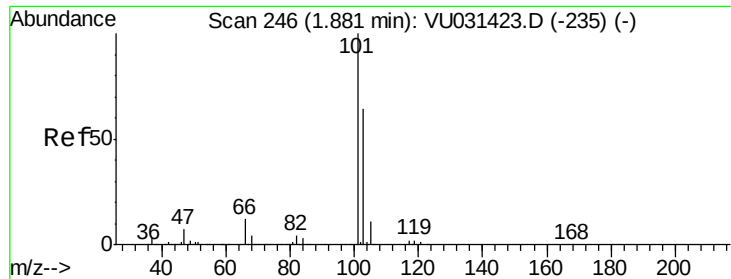
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.726 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031447.D

Acq: 23 Apr 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

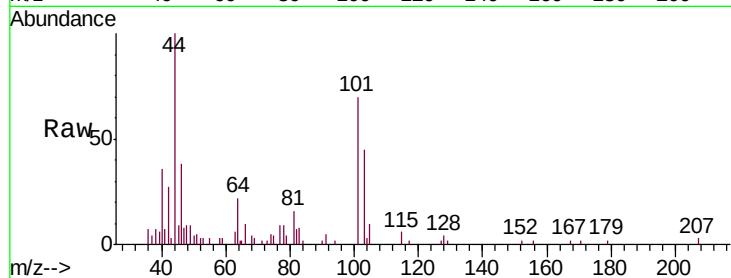
C0XG3

Tgt Ion:101 Resp: 5756

Ion Ratio Lower Upper

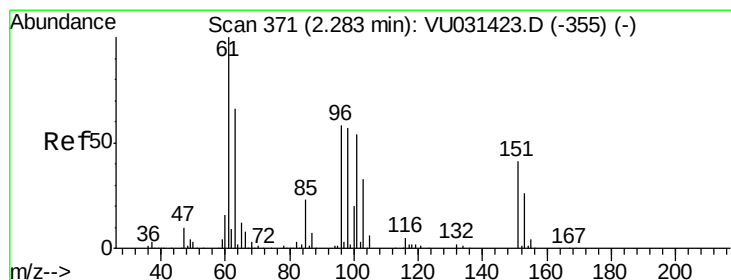
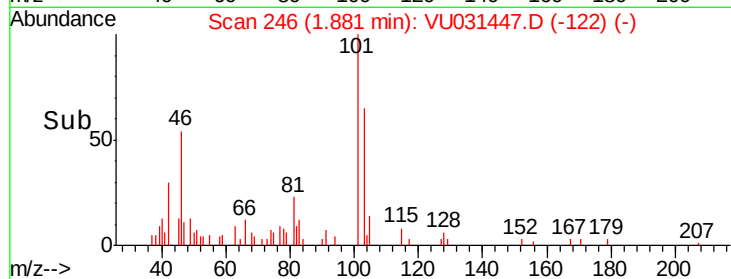
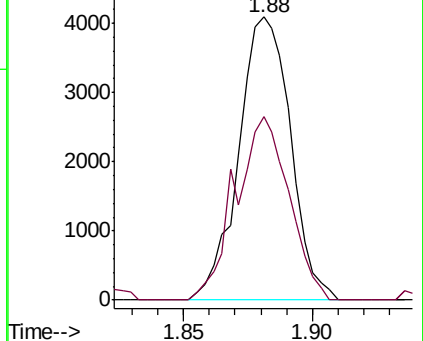
101 100

103 51.3 51.4 77.2#



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: 0.704 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031447.D

Acq: 23 Apr 2019 18:42

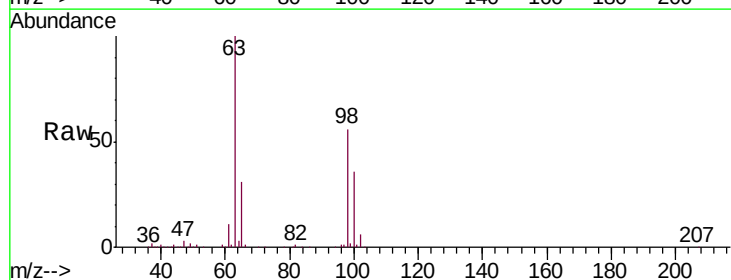
Tgt Ion:101 Resp: 3236

Ion Ratio Lower Upper

101 100

85 2.3 33.1 49.7#

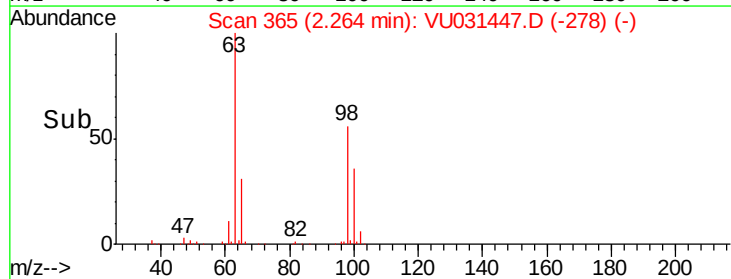
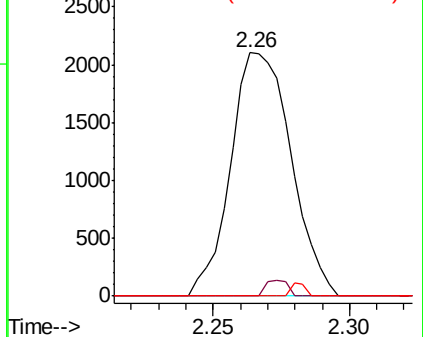
151 1.3 61.4 92.0#

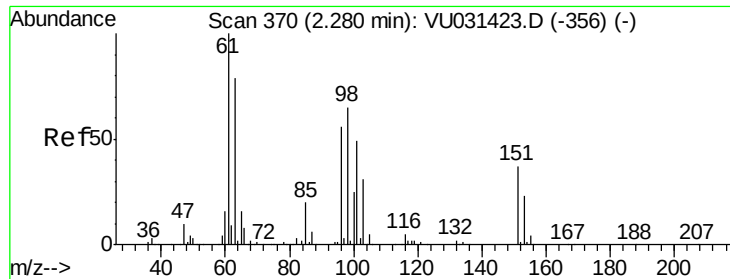


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

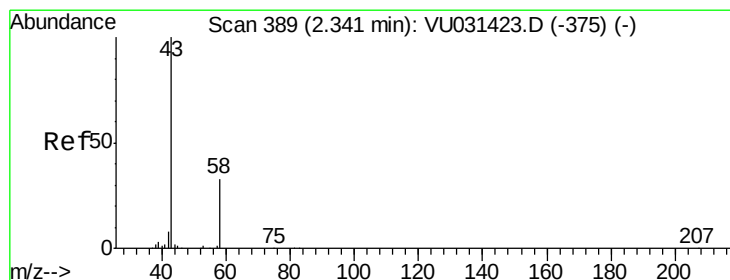
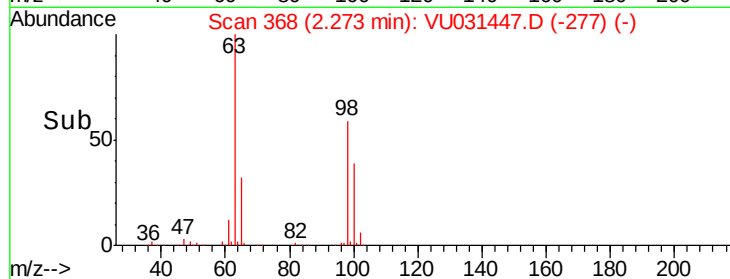
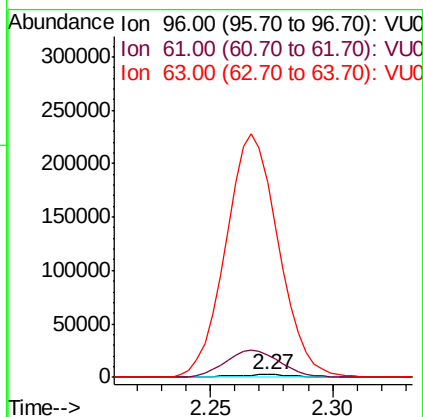
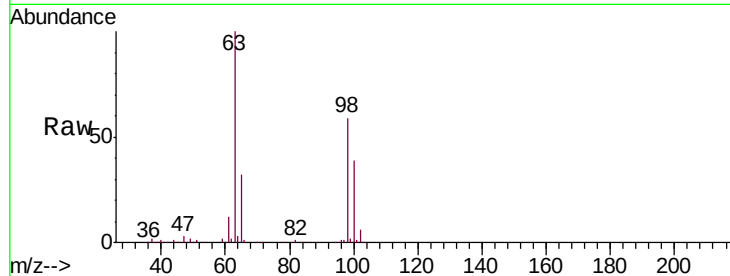




#12
 1,1-Dichloroethene
 Concen: 0.979 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031447.D
 Acq: 23 Apr 2019 18:42

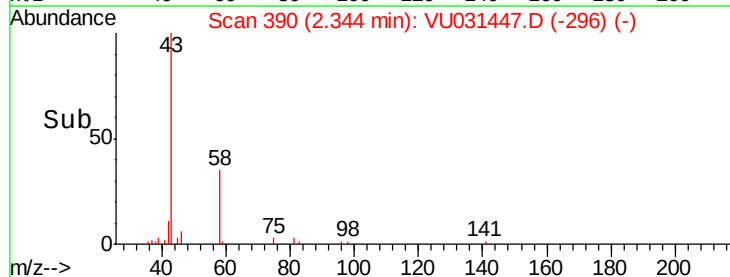
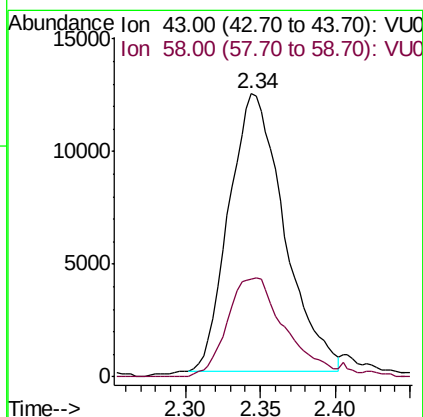
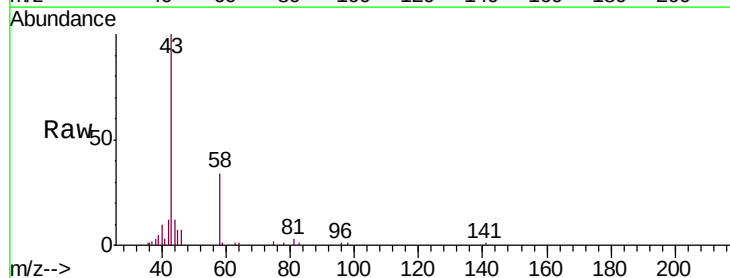
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG3

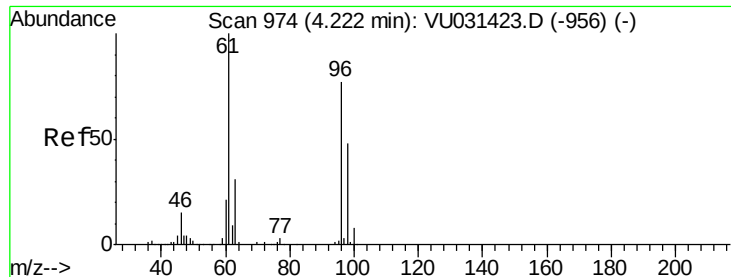
Tgt Ion: 96 Resp: 4426
 Ion Ratio Lower Upper
 96 100
 61 882.5 118.9 220.9#
 63 7599.3 99.3 184.3#



#13
 Acetone
 Concen: 8.983 ug/L
 RT: 2.34 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU031447.D
 Acq: 23 Apr 2019 18:42

Tgt Ion: 43 Resp: 31720
 Ion Ratio Lower Upper
 43 100
 58 37.3 0.0 66.4



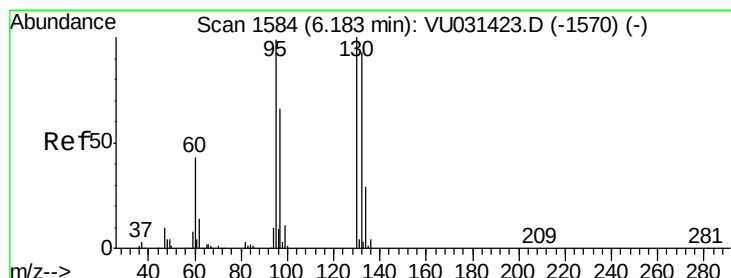
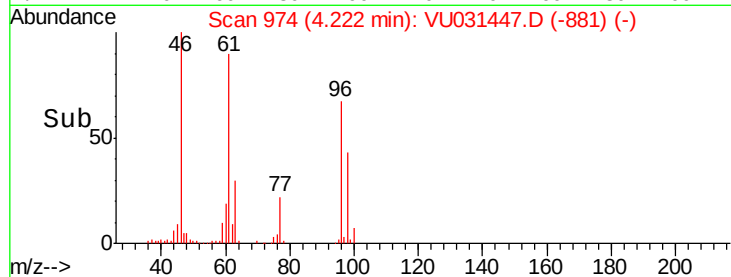
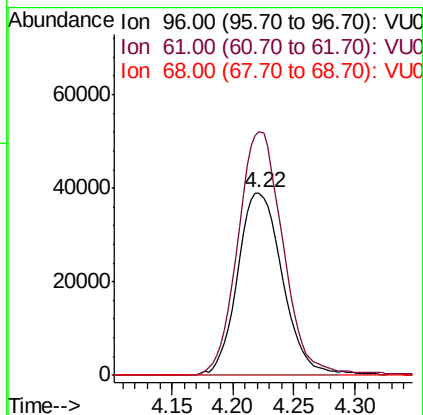
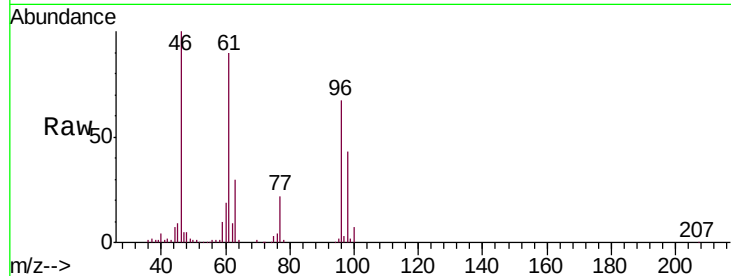


#20

cis-1,2-Dichloroethene
Concen: 18.717 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU031447.D
Acq: 23 Apr 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
C0XG3

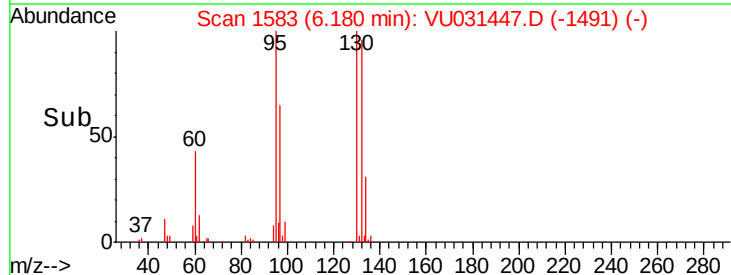
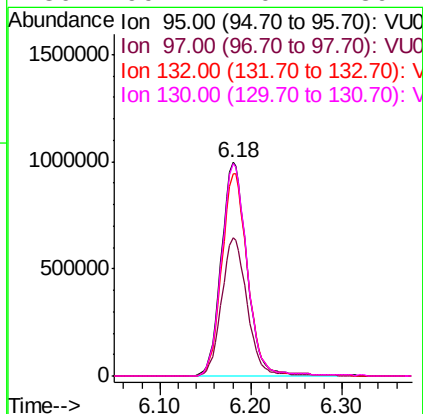
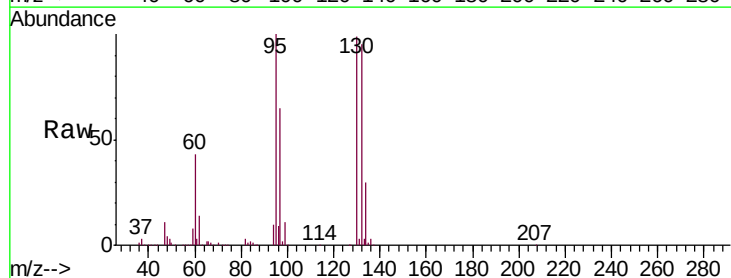
Tgt Ion: 96 Resp: 99065
Ion Ratio Lower Upper
96 100
61 133.3 91.9 170.7
68 0.0 0.0 0.0

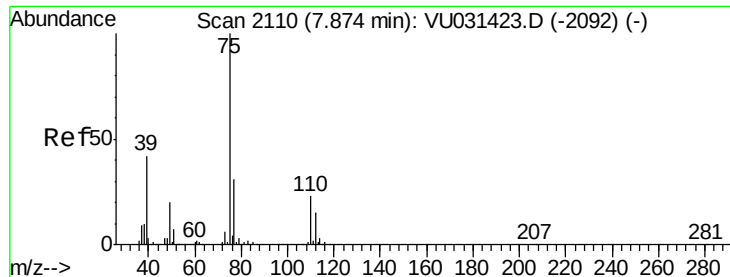


#34

Trichloroethene
Concen: 375.876 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031447.D
Acq: 23 Apr 2019 18:42

Tgt Ion: 95 Resp: 1958492
Ion Ratio Lower Upper
95 100
97 64.5 44.9 83.5
132 94.8 68.0 126.2
130 99.2 70.1 130.1





#44

trans-1,3-Dichloropropene

Concen: 0.756 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031447.D

Acq: 23 Apr 2019 18:42

Instrument :

MSVOA_U

ClientSampled :

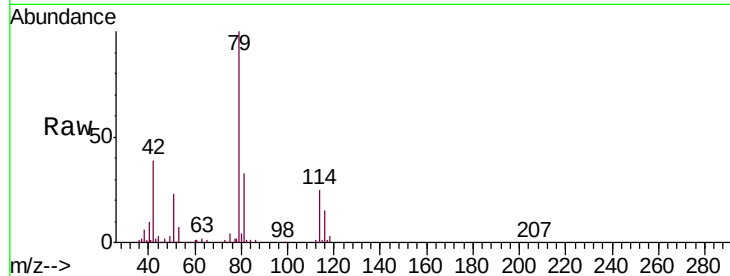
C0XG3

Tgt Ion: 75 Resp: 5110

Ion Ratio Lower Upper

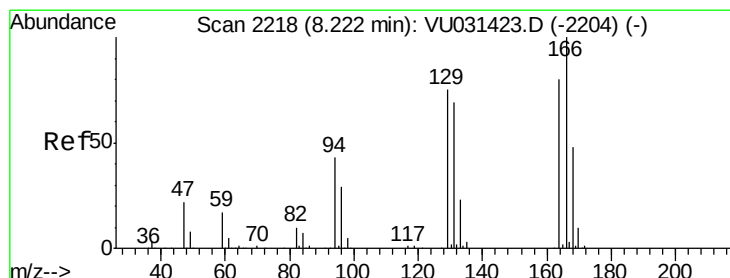
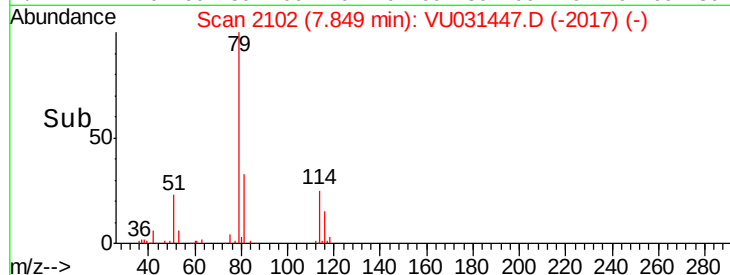
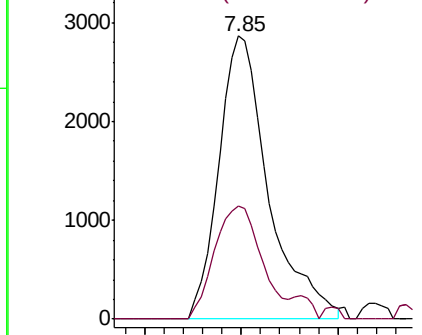
75 100

77 40.1 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU031423.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031423.D (-2092) (-)



#46

Tetrachloroethene

Concen: 0.434 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031447.D

Acq: 23 Apr 2019 18:42

Tgt Ion: 164 Resp: 1602

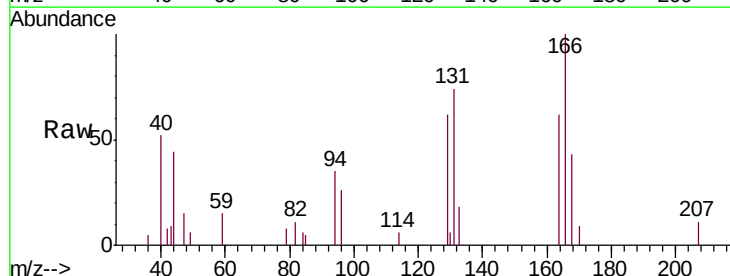
Ion Ratio Lower Upper

164 100

129 100.3 65.2 121.0

131 119.5 61.4 114.0#

166 160.7 89.2 165.6

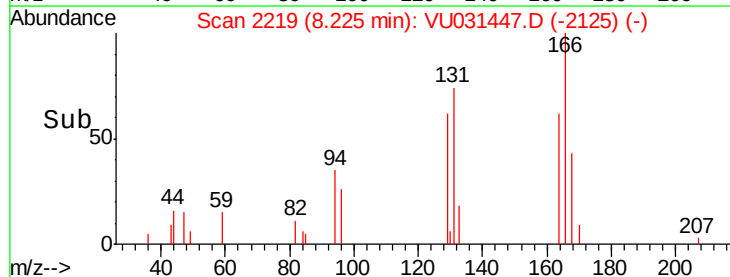
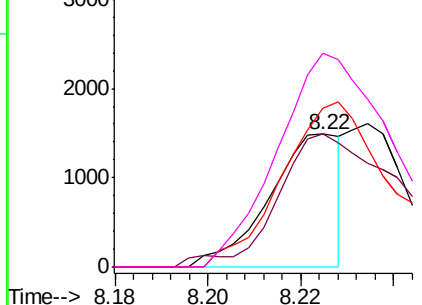


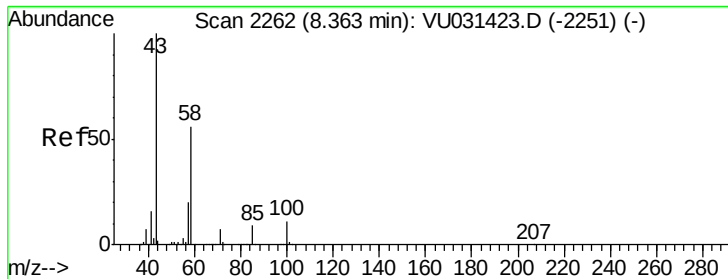
Abundance Ion 164.00 (163.70 to 164.70): VU031423.D (-2204) (-)

Ion 129.00 (128.70 to 129.70): VU031423.D (-2204) (-)

Ion 131.00 (130.70 to 131.70): VU031423.D (-2204) (-)

Ion 166.00 (165.70 to 166.70): VU031423.D (-2204) (-)

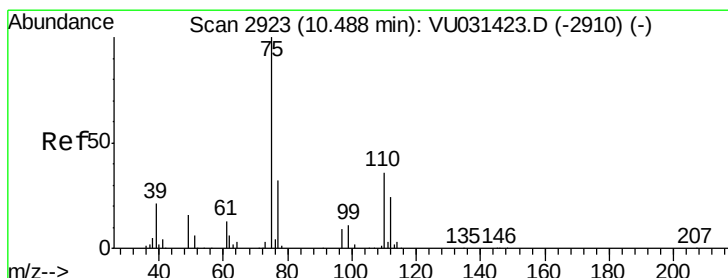
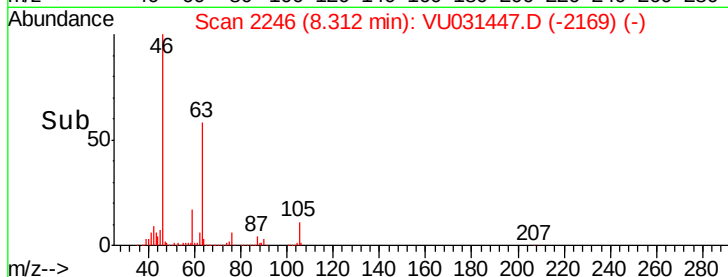
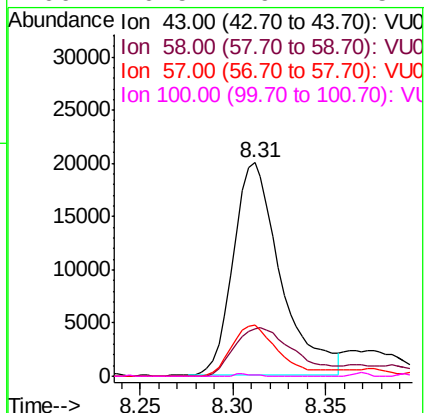
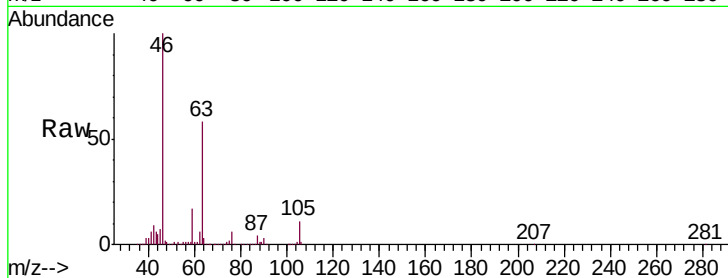




#48
 2-Hexanone
 Concen: 5.711 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU031447.D
 Acq: 23 Apr 2019 18:42

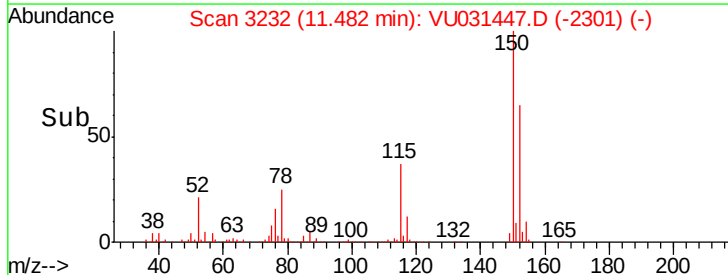
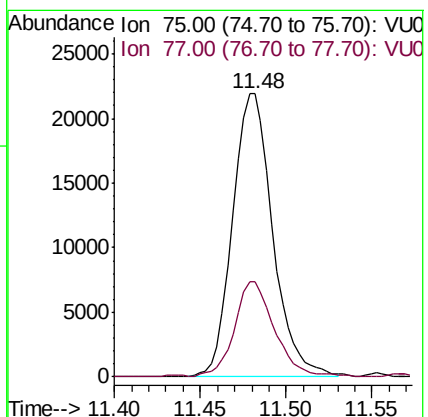
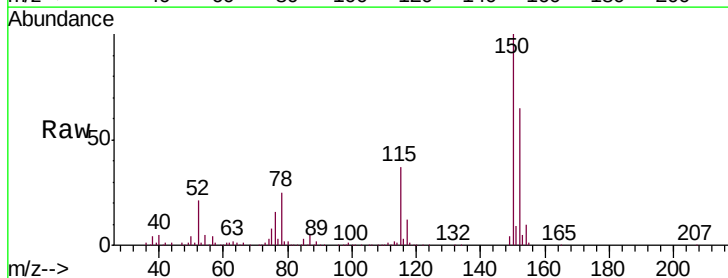
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG3

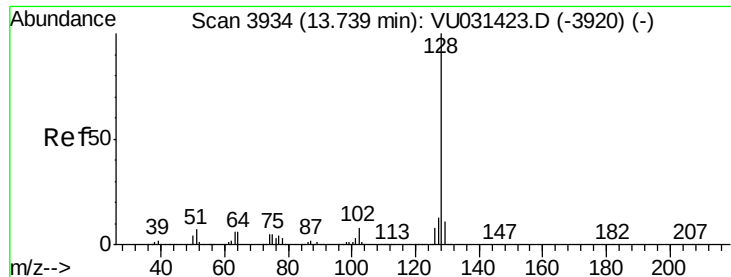
Tgt Ion: 43 Resp: 35484
 Ion Ratio Lower Upper
 43 100
 58 29.6 45.5 68.3#
 57 23.2 15.2 22.8#
 100 0.5 9.1 13.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.529 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031447.D
 Acq: 23 Apr 2019 18:42

Tgt Ion: 75 Resp: 35762
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4





#69

Naphthalene

Concen: 3.501 ug/L

RT: 13.75 min Scan# 3937

Delta R.T. 0.01 min

Lab File: VU031447.D

Acq: 23 Apr 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

C0XG3

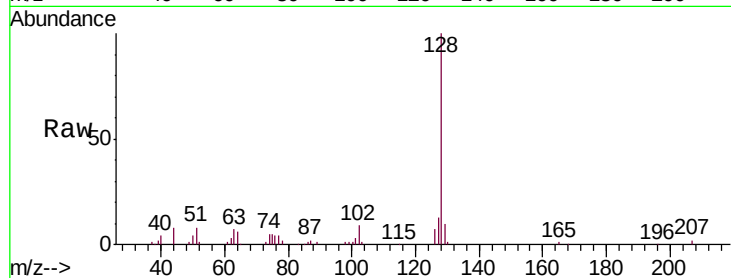
Tgt Ion:128 Resp: 63843

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 9.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

