

Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X23

Quant Time: Apr 24 06:05:34 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	721926	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	686655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	237016	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.04%
7) Chloroethane-d5	1.68	69	198408	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.10%
11) 1,1-Dichloroethene-d2	2.27	63	339142	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.66%
21) 2-Butanone-d5	4.19	46	454138	103.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	4.64	84	419479	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	268099	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.34	84	893454	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
36) 1,2-Dichloropropane-d6	6.32	67	294808	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.56	98	792371	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloropropene-	7.85	79	129856	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.31	63	333435	104.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	380025	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	293695	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%

Target Compounds

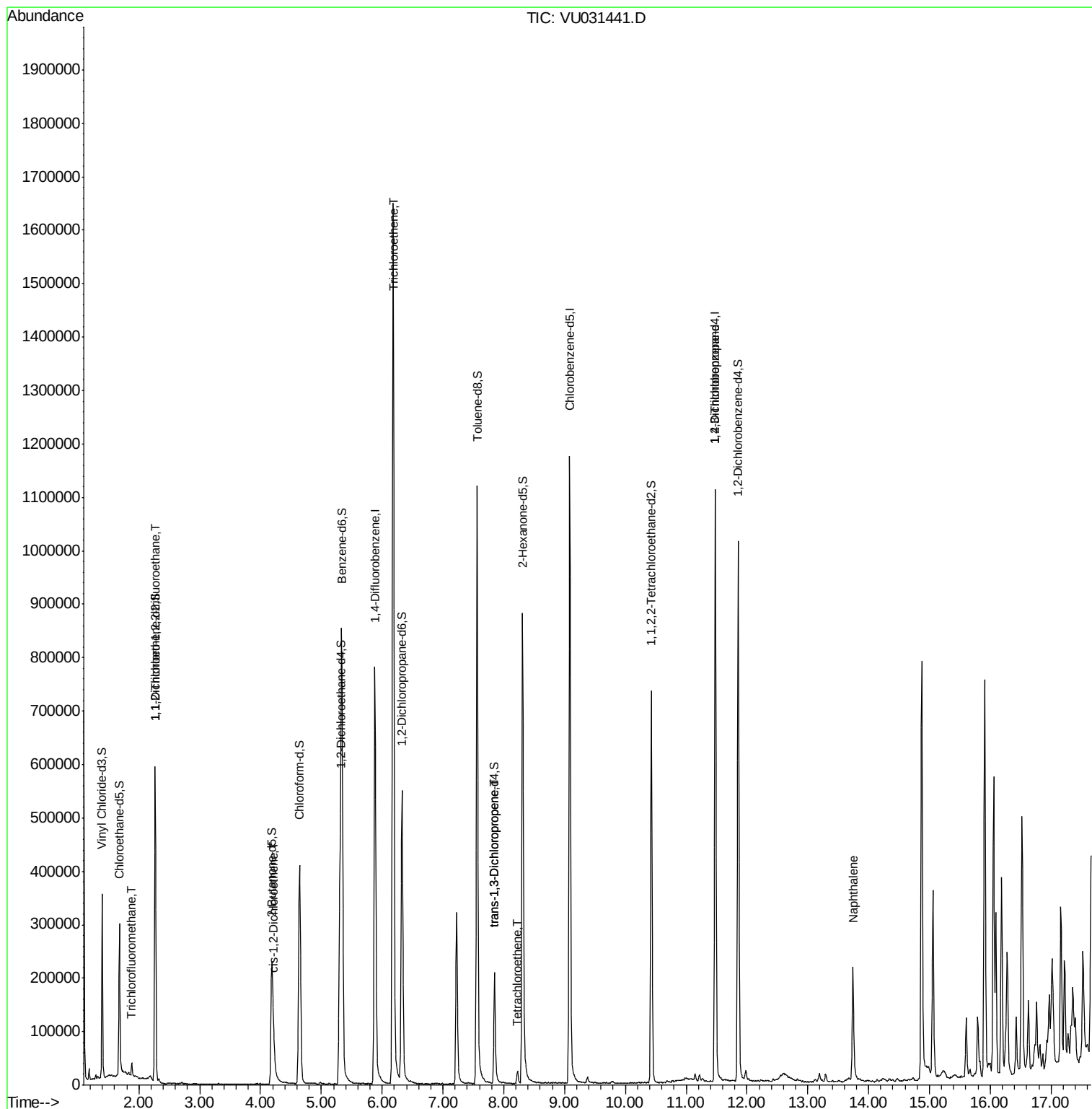
						Qvalue
9) Trichlorofluoromethane	1.88	101	9044	1.174	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3203	0.716	ug/L #	20
20) cis-1,2-Dichloroethene	4.22	96	2942	0.572	ug/L	95
34) Trichloroethene	6.18	95	615004	116.861	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4600	0.674	ug/L	87
46) Tetrachloroethene	8.23	164	5977	1.601	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	31892	4.881	ug/L	89
69) Naphthalene	13.74	128	212795	11.301	ug/L	99

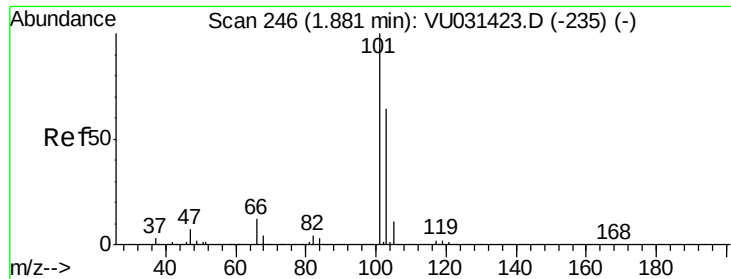
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#9

Trichlorofluoromethane

Concen: 1.174 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

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Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_U

ClientSampleId :

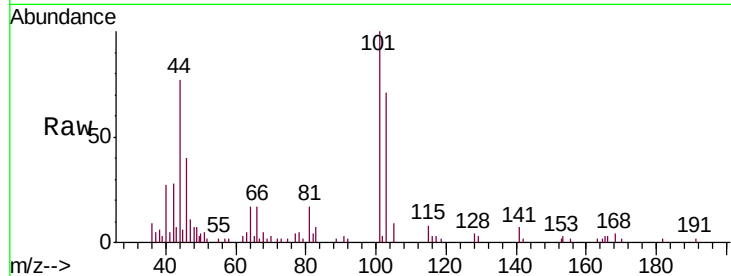
C0X23

Tgt Ion:101 Resp: 9044

Ion Ratio Lower Upper

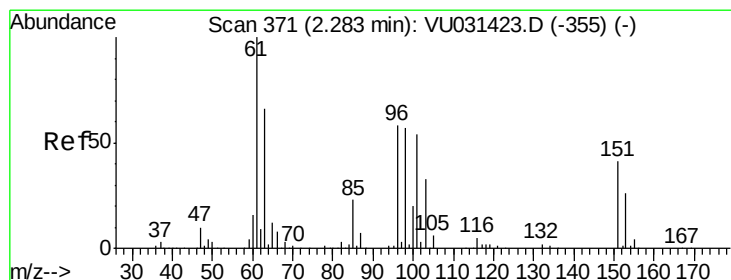
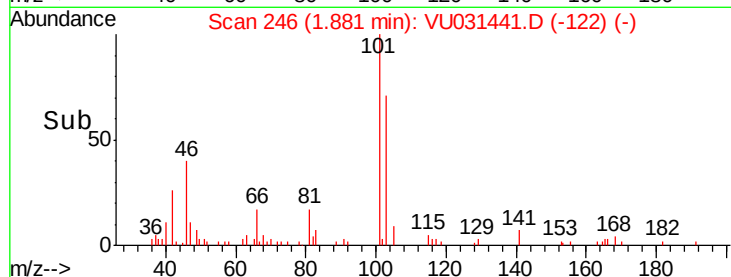
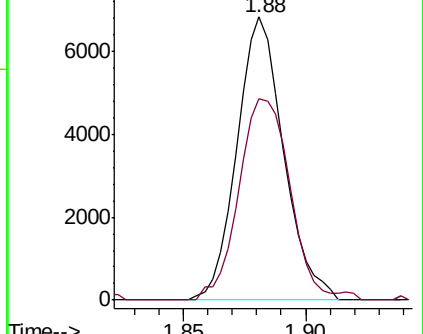
101 100

103 77.6 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: 0.716 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031441.D

Acq: 23 Apr 2019 16:22

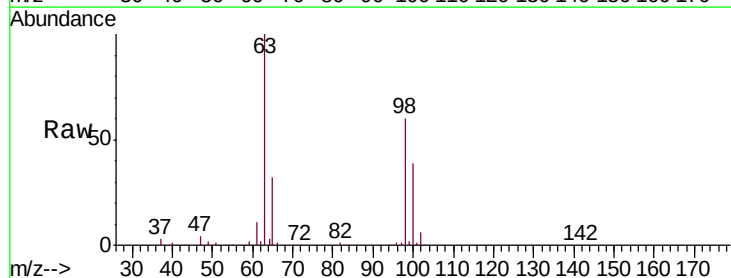
Tgt Ion:101 Resp: 3203

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

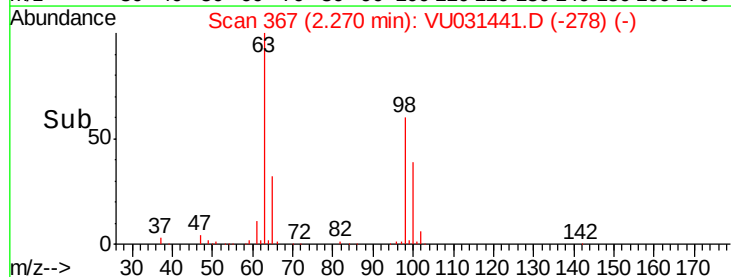
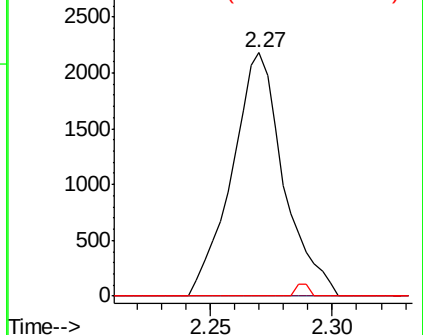
151 1.3 61.4 92.0#

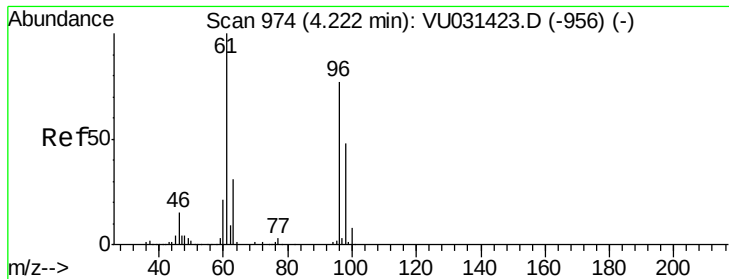


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

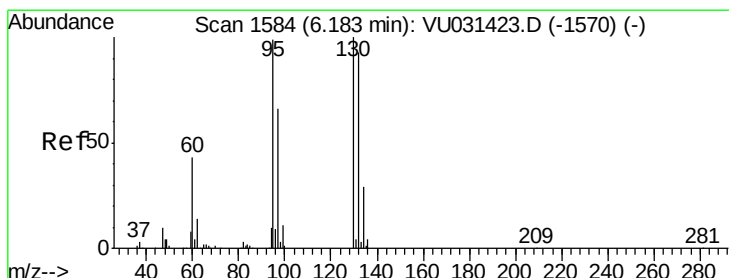
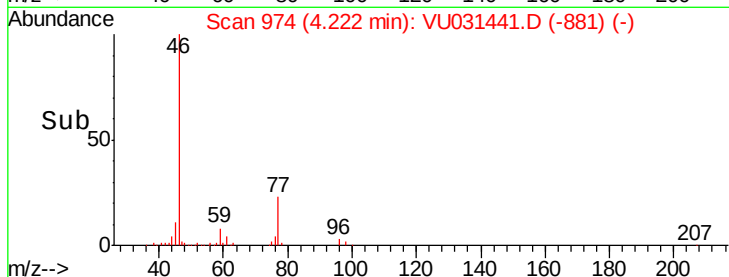
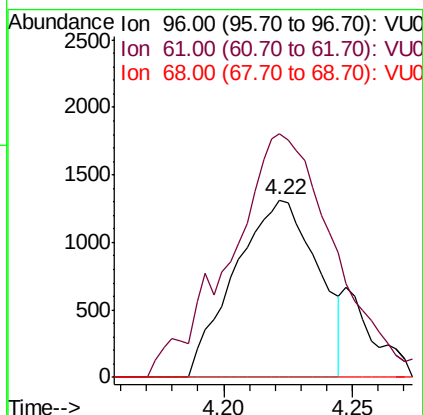
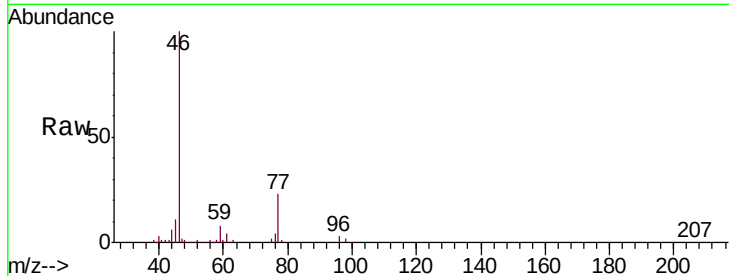




#20
 cis-1,2-Dichloroethene
 Concen: 0.572 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031441.D
 Acq: 23 Apr 2019 16:22

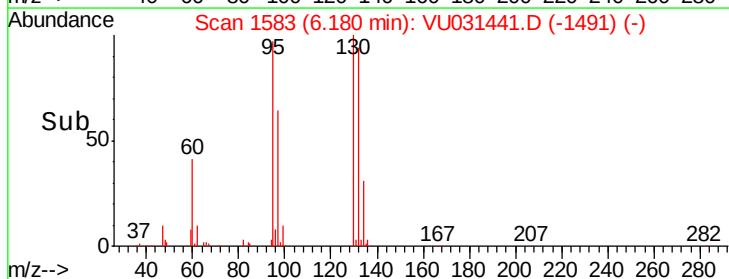
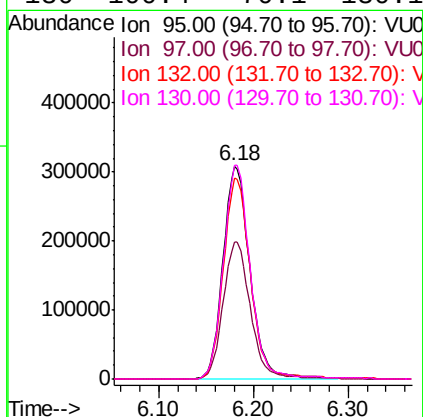
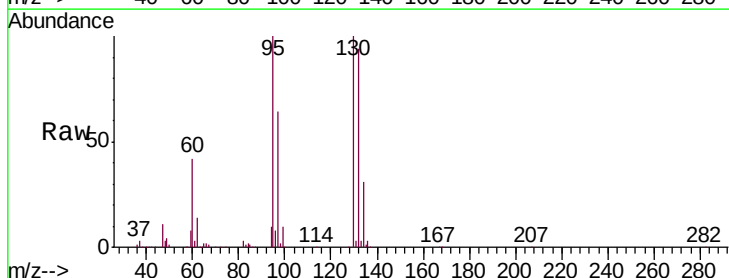
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X23

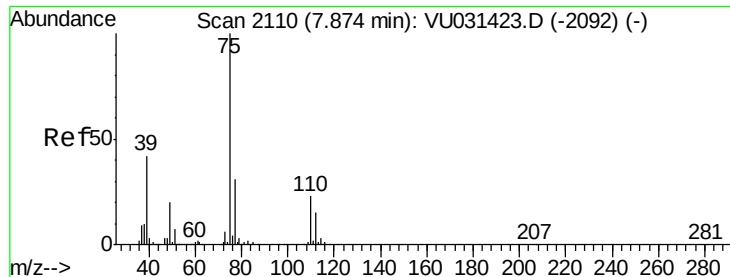
Tgt Ion: 96 Resp: 2942
 Ion Ratio Lower Upper
 96 100
 61 137.3 91.9 170.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 116.861 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031441.D
 Acq: 23 Apr 2019 16:22

Tgt Ion: 95 Resp: 615004
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.9 83.5
 132 94.2 68.0 126.2
 130 100.4 70.1 130.1





#44

trans-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031441.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_U

ClientSampleId :

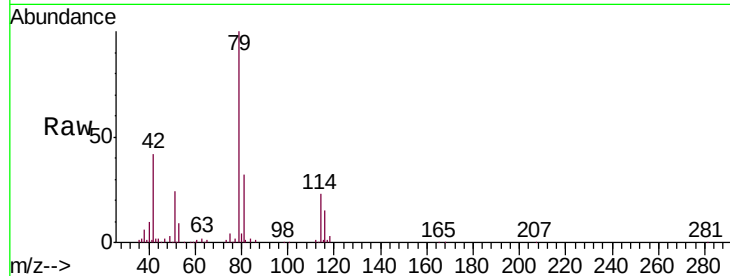
C0X23

Tgt Ion: 75 Resp: 4600

Ion Ratio Lower Upper

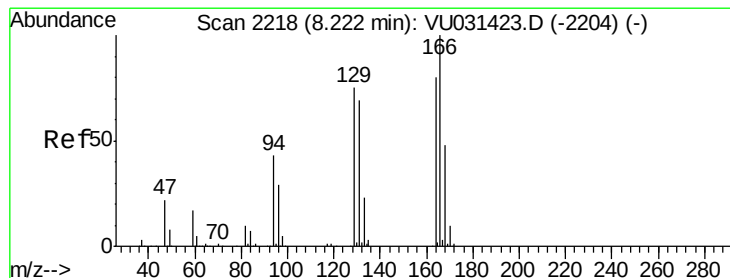
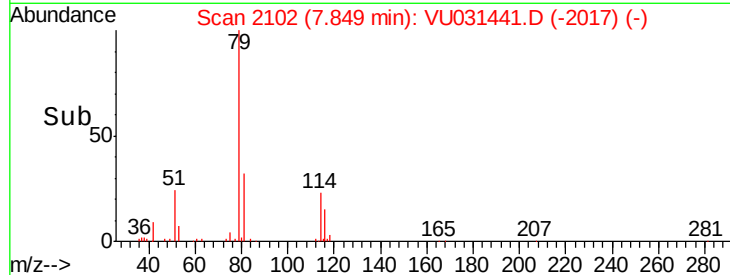
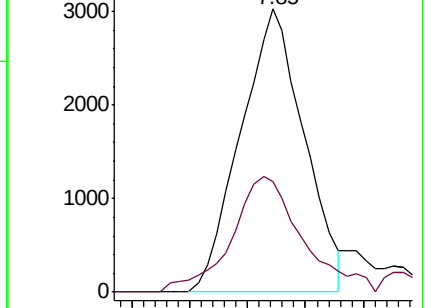
75 100

77 39.0 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU031441.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU031441.D (-2102) (-)



#46

Tetrachloroethene

Concen: 1.601 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031441.D

Acq: 23 Apr 2019 16:22

Tgt Ion: 164 Resp: 5977

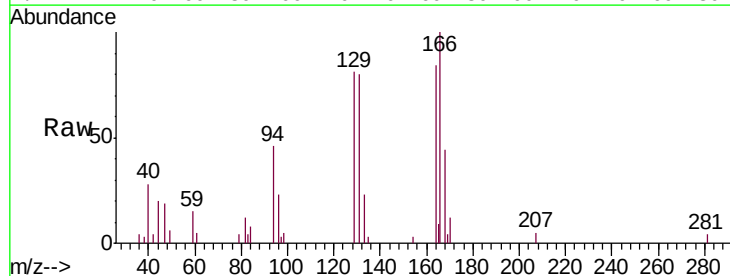
Ion Ratio Lower Upper

164 100

129 96.3 65.2 121.0

131 94.3 61.4 114.0

166 118.4 89.2 165.6

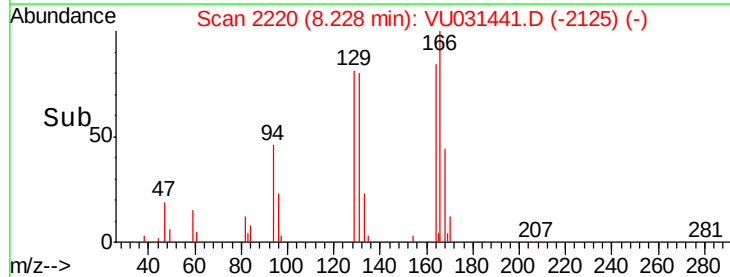
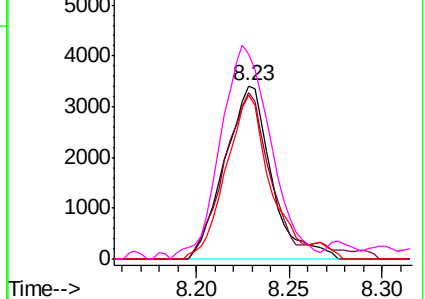


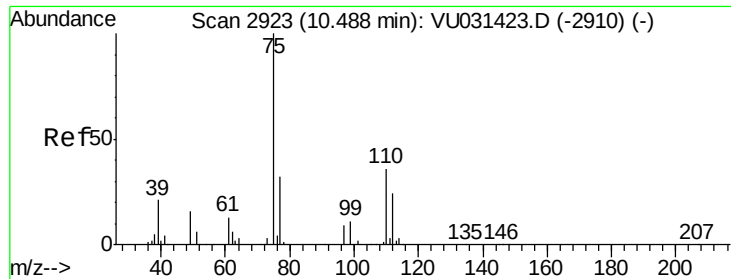
Abundance Ion 164.00 (163.70 to 164.70): VU031441.D (-2220) (-)

Ion 129.00 (128.70 to 129.70): VU031441.D (-2220) (-)

Ion 131.00 (130.70 to 131.70): VU031441.D (-2220) (-)

Ion 166.00 (165.70 to 166.70): VU031441.D (-2220) (-)

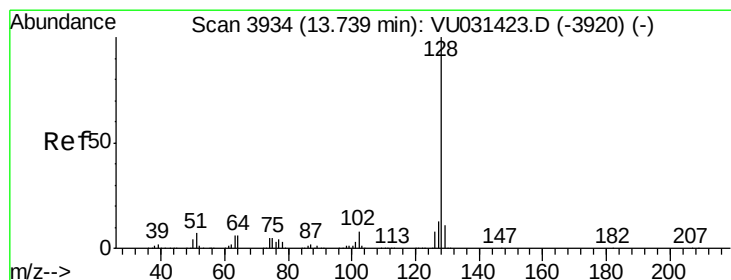
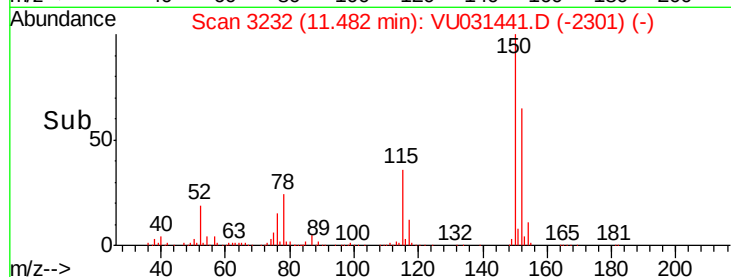
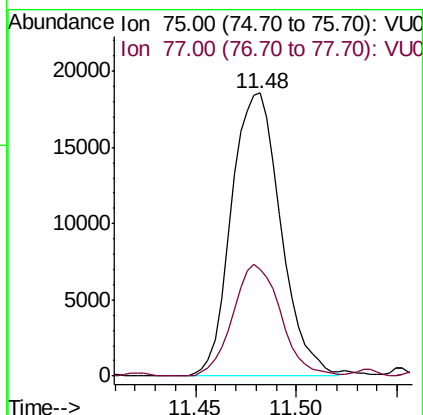
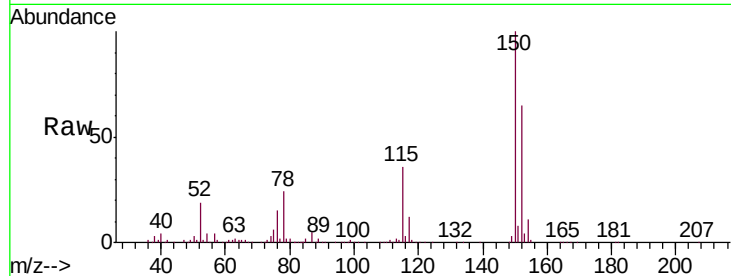




#59
 1,2,3-Trichloropropane
 Concen: 4.881 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031441.D
 Acq: 23 Apr 2019 16:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X23

Tgt Ion: 75 Resp: 31892
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.6 38.4



#69
 Naphthalene
 Concen: 11.301 ug/L
 RT: 13.74 min Scan# 3935
 Delta R.T. 0.00 min
 Lab File: VU031441.D
 Acq: 23 Apr 2019 16:22

Tgt Ion: 128 Resp: 212795
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.2 15.4
 129 10.9 8.6 13.0

