

Data File : VU031541.D
Acq On : 26 Apr 2019 18:49
Operator : JC/SP
Sample : K2590-12 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB3

Quant Time: Apr 27 00:25:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	888780	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	832218	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	338566	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	403650	54.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.54%
7) Chloroethane-d5	1.74	69	485	0.08	ug/L	0.06
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.16%#
11) 1,1-Dichloroethene-d2	2.27	63	573748	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.46%
21) 2-Butanone-d5	4.19	46	692127	102.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.70%
24) Chloroform-d	4.64	84	639777	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	5.31	65	416919	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
32) Benzene-d6	5.34	84	1365927	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.90%
36) 1,2-Dichloropropane-d6	6.33	67	460446	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.56	98	1178014	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%
43) trans-1,3-Dichloropropene-	7.85	79	197425	51.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.30%
47) 2-Hexanone-d5	8.31	63	464141	119.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	585596	48.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	381907	53.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.28%

Target Compounds

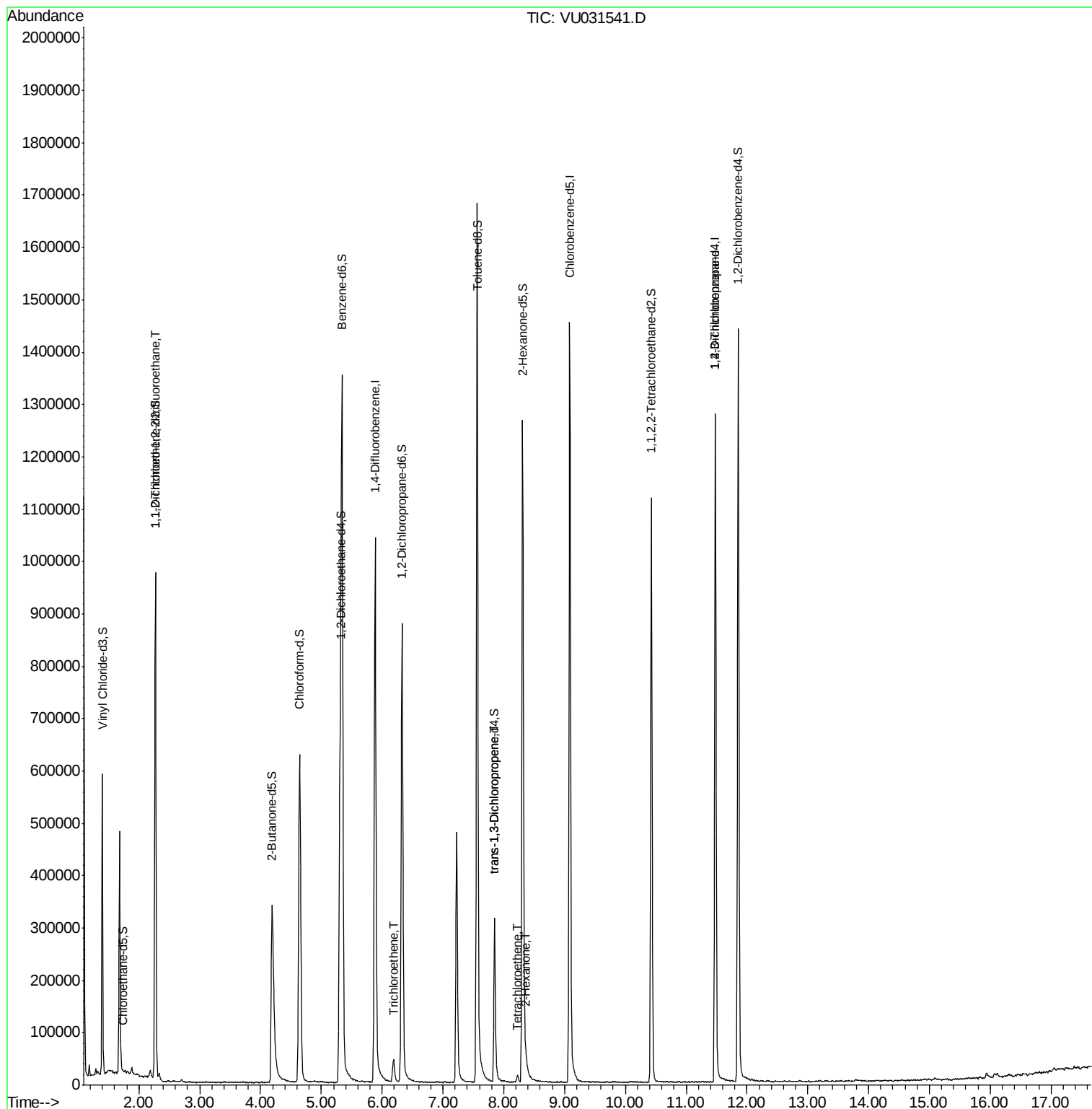
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5550	0.779	ug/L #	24
34) Trichloroethene	6.19	95	13822	1.864	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	7236	0.695	ug/L	86
46) Tetrachloroethene	8.23	164	3151	0.623	ug/L	80
48) 2-Hexanone	8.37	43	13389	1.239	ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	41933	4.072	ug/L	89

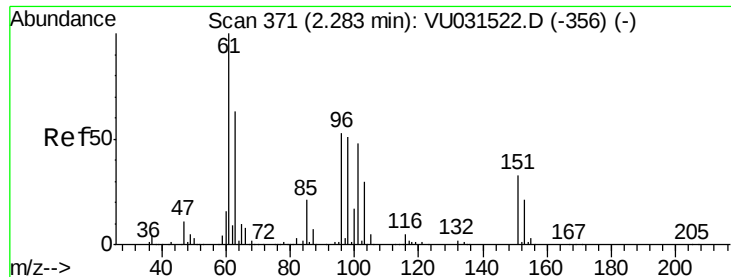
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.779 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

C0XB3

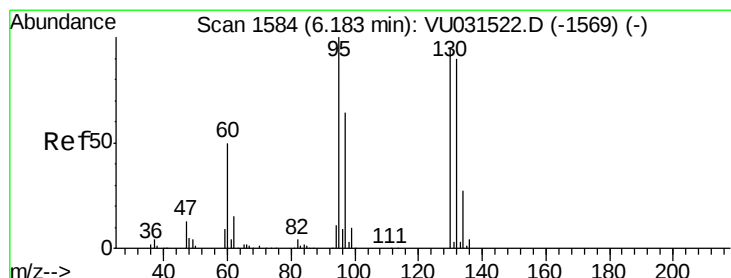
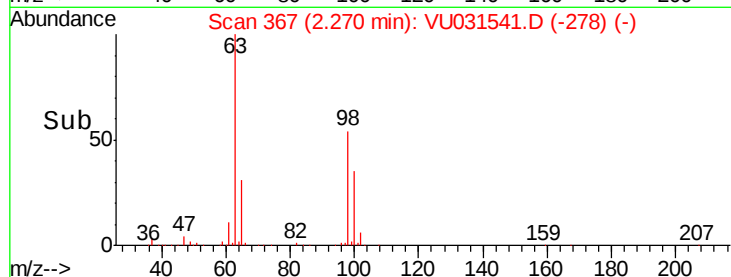
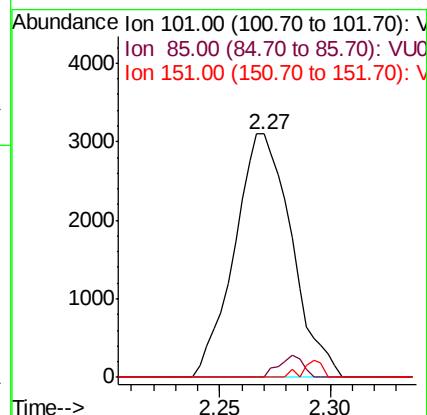
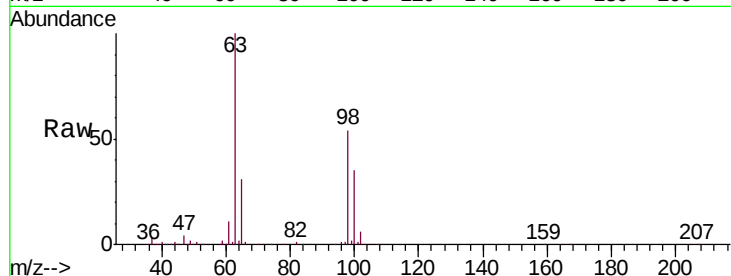
Tgt Ion: 101 Resp: 5550

Ion Ratio Lower Upper

101 100

85 3.7 36.1 54.1#

151 0.4 56.1 84.1#



#34

Trichloroethene

Concen: 1.864 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031541.D

Acq: 26 Apr 2019 18:49

Tgt Ion: 95 Resp: 13822

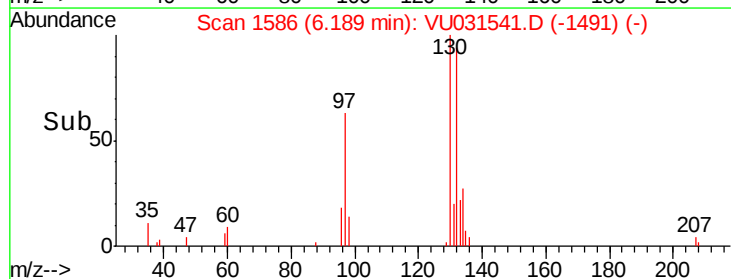
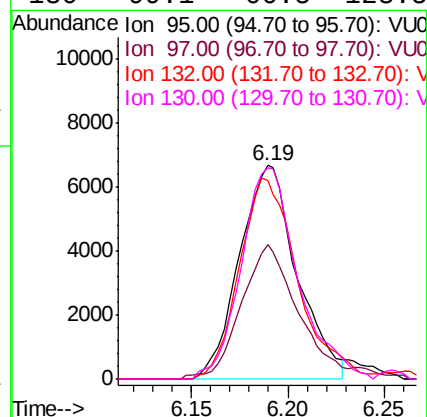
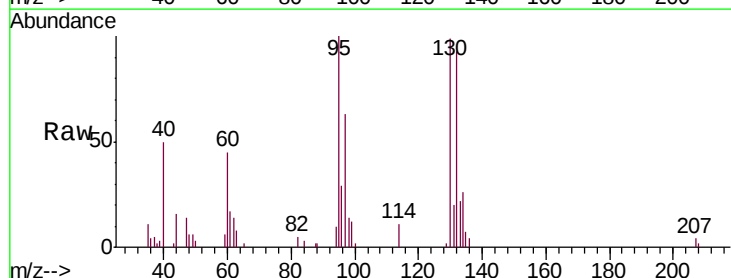
Ion Ratio Lower Upper

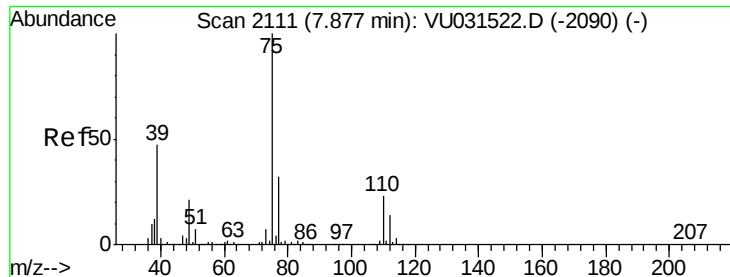
95 100

97 62.7 44.8 83.2

132 92.9 63.1 117.1

130 99.1 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.695 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

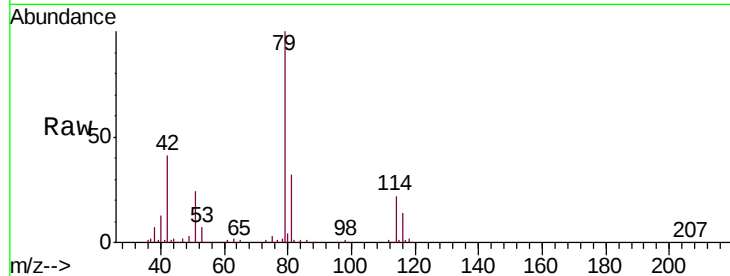
C0XB3

Tgt Ion: 75 Resp: 7236

Ion Ratio Lower Upper

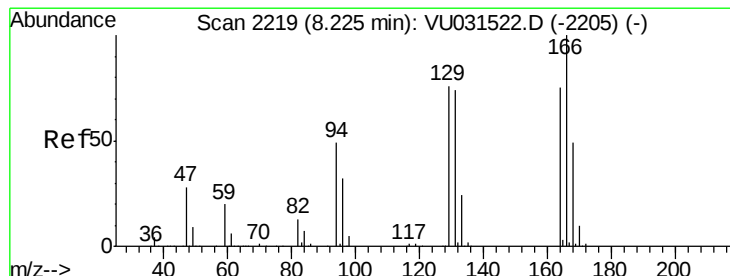
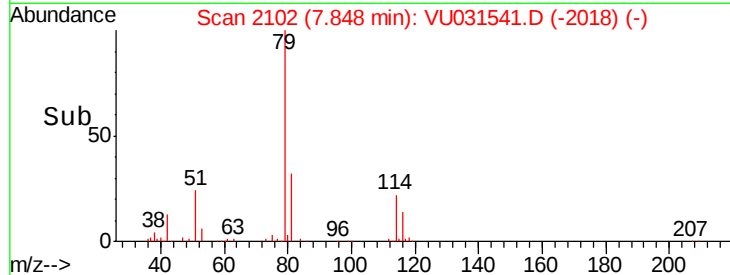
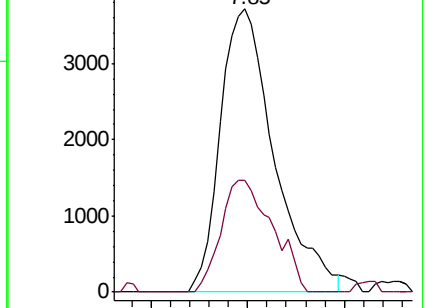
75 100

77 39.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031522.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU031522.D (-2090) (-)



#46

Tetrachloroethene

Concen: 0.623 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031541.D

Acq: 26 Apr 2019 18:49

Tgt Ion: 164 Resp: 3151

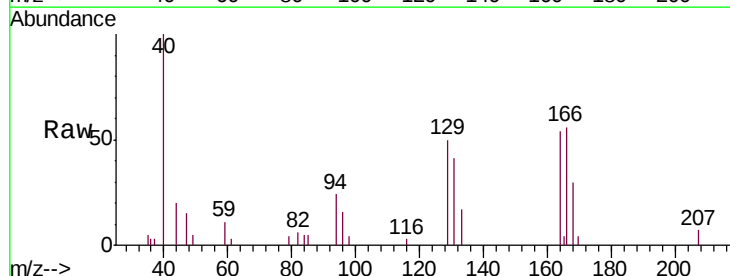
Ion Ratio Lower Upper

164 100

129 91.6 71.5 132.9

131 75.3 69.0 128.2

166 103.2 93.7 173.9

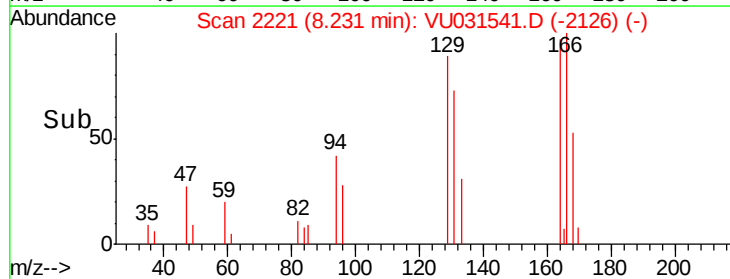
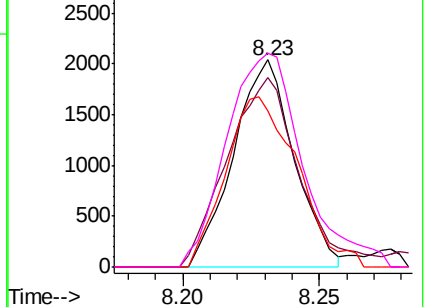


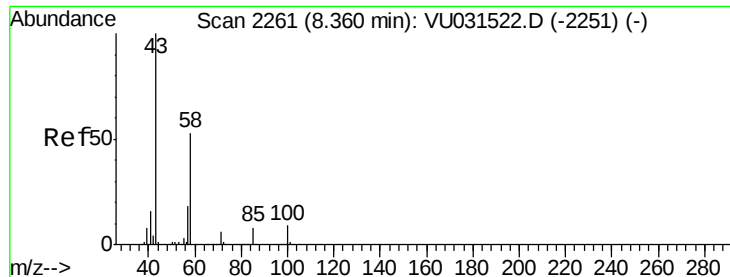
Abundance Ion 164.00 (163.70 to 164.70): VU031522.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031522.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031522.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031522.D (-2205) (-)

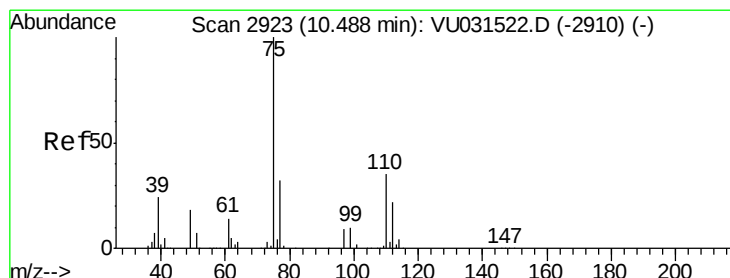
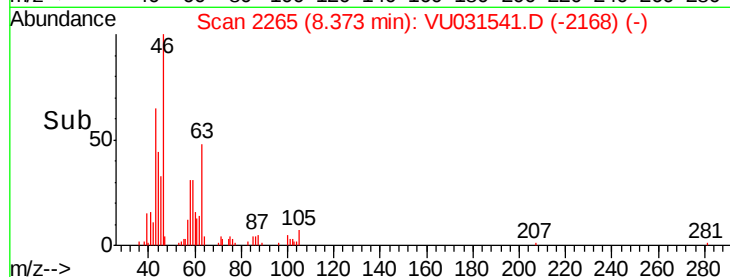
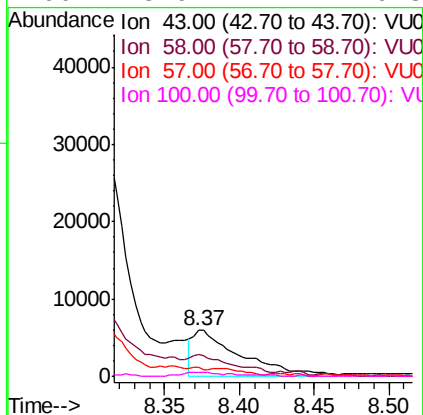
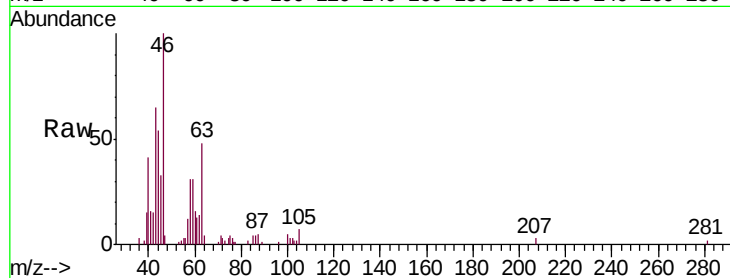




#48
 2-Hexanone
 Concen: 1.239 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031541.D
 Acq: 26 Apr 2019 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB3

Tgt Ion: 43 Resp: 13389
 Ion Ratio Lower Upper
 43 100
 58 19.8 42.1 63.1#
 57 1.2 14.6 22.0#
 100 5.9 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.072 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031541.D
 Acq: 26 Apr 2019 18:49

Tgt Ion: 75 Resp: 41933
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.9 38.9

