

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030664.D
 Acq On : 04 Apr 2019 06:08
 Operator : JC/SP
 Sample : K2246-03
 Misc : 5.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 08:08:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	637199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622418	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	165772	32.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.66%
7) Chloroethane-d5	1.71	69	46	0.01	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.02%#
11) 1,1-Dichloroethene-d2	2.23	63	257383	26.46	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.92%#
21) 2-Butanone-d5	4.19	46	341741	70.89	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.89%
24) Chloroform-d	4.64	84	304501	34.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.92%#
26) 1,2-Dichloroethane-d4	5.30	65	204377	35.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.70%
32) Benzene-d6	5.33	84	649187	36.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.74%
36) 1,2-Dichloropropane-d6	6.32	67	225759	36.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.94%
41) Toluene-d8	7.56	98	570669	35.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.20%#
43) trans-1,3-Dichloropropene-	7.85	79	94121	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
47) 2-Hexanone-d5	8.32	63	247023	74.64	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	329810	37.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	220441	35.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.62%#

Target Compounds

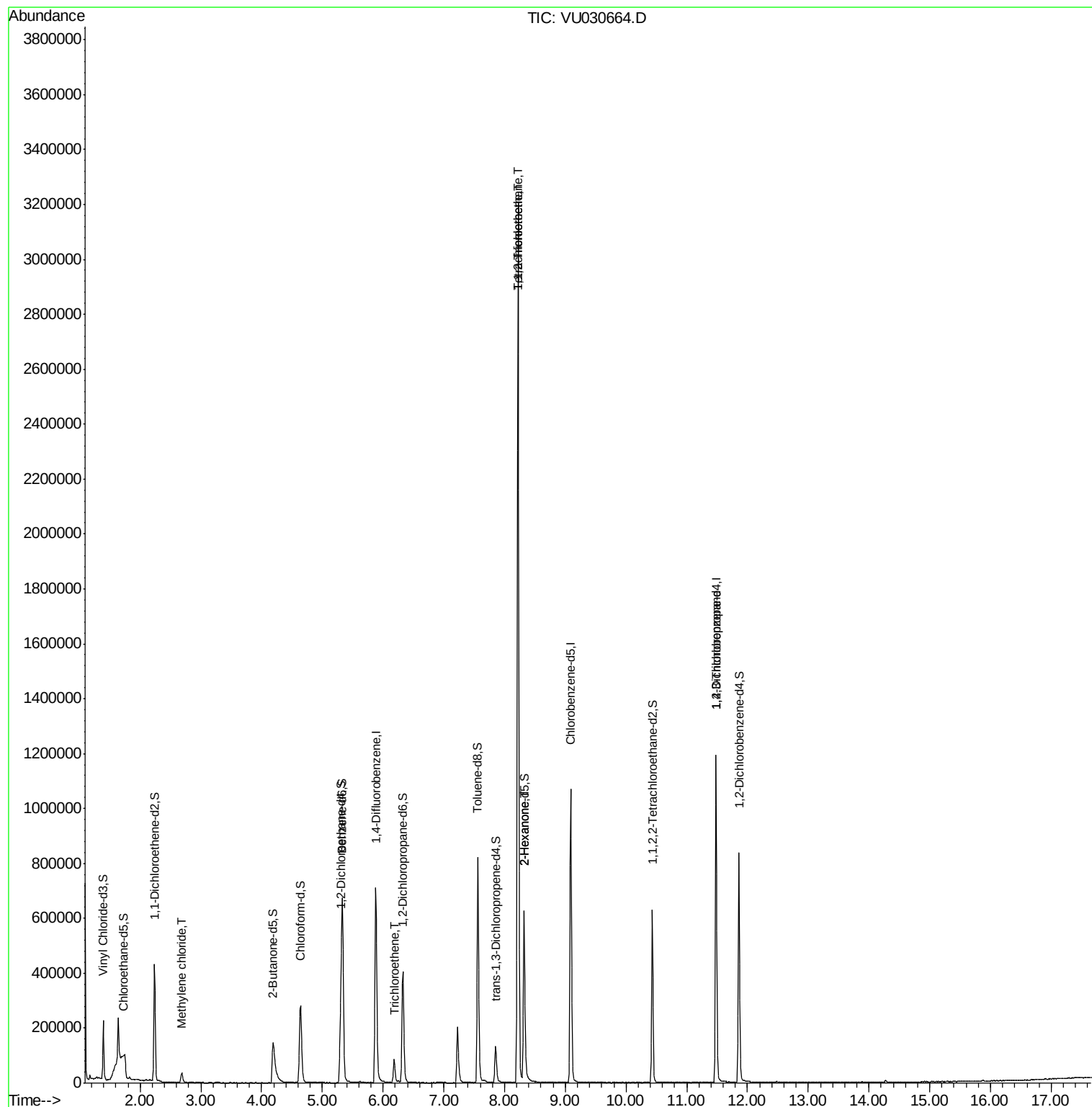
					Ovalue
16) Methylene chloride	2.68	84	16787	3.123	ug/L 86
34) Trichloroethene	6.18	95	32658	6.270	ug/L 98
45) 1,1,2-Trichloroethane	8.22	97	6394	1.259	ug/L # 5
46) Tetrachloroethene	8.22	164	721936	198.442	ug/L 98
48) 2-Hexanone	8.32	43	28772	3.476	ug/L # 70
59) 1,2,3-Trichloropropane	11.48	75	40240	5.498	ug/L 99

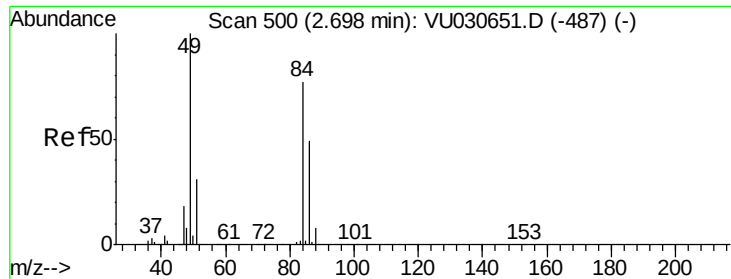
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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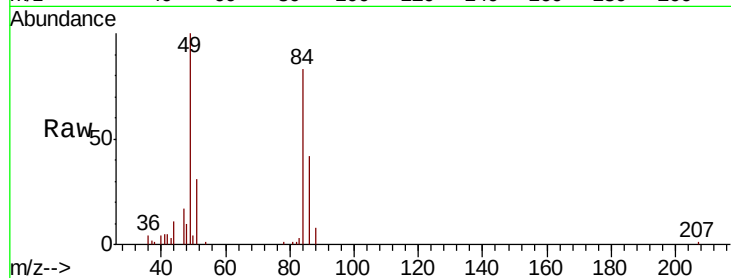




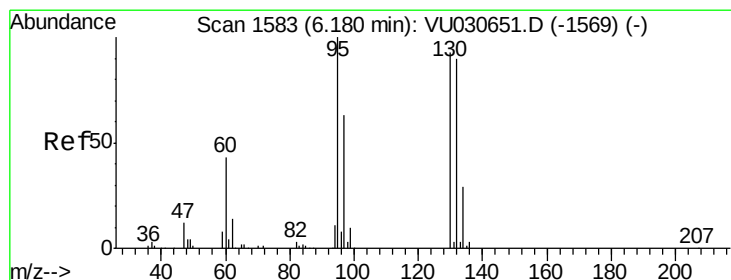
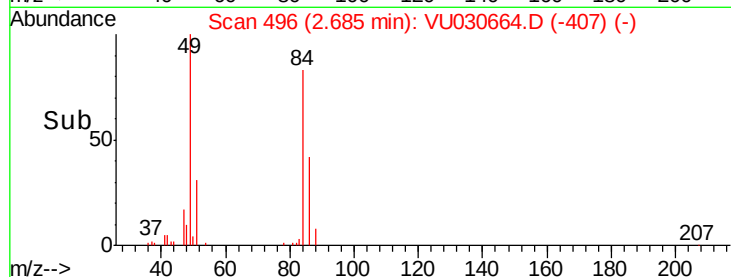
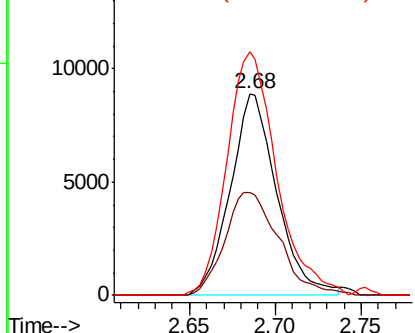
#16
Methvlene chloride
Concen: 3.123 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.01 min
Lab File: VU030664.D
Acq: 04 Apr 2019 06:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 16787
Ion Ratio Lower Upper
84 100
86 50.7 44.3 82.3
49 120.6 94.9 176.3

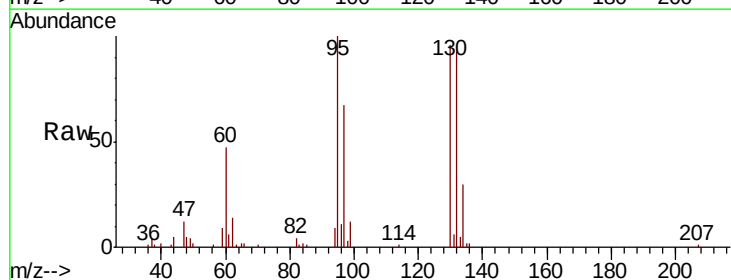


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

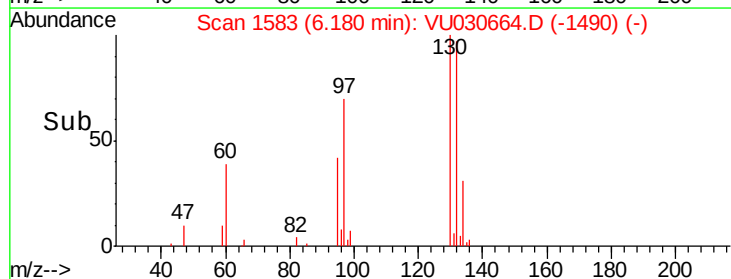
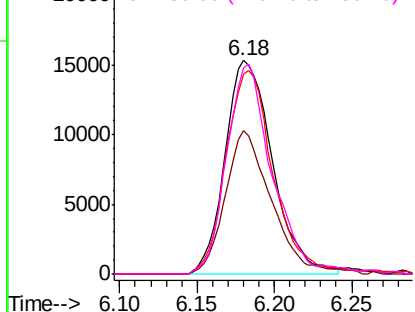


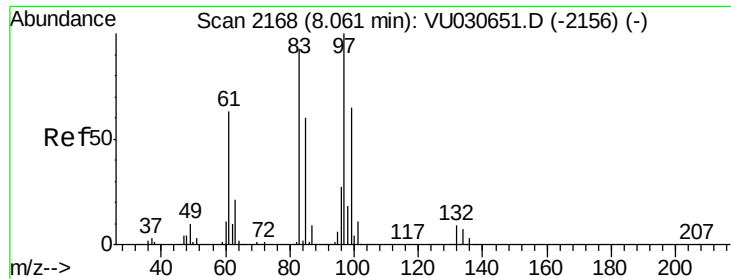
#34
Trichloroethene
Concen: 6.270 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU030664.D
Acq: 04 Apr 2019 06:08

Tgt Ion: 95 Resp: 32658
Ion Ratio Lower Upper
95 100
97 67.0 45.7 84.9
132 93.3 63.8 118.4
130 96.3 65.7 121.9



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





#45

1,1,2-Trichloroethane

Concen: 1.259 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. 0.16 min

Lab File: VU030664.D

Acq: 04 Apr 2019 06:08

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 97 Resp: 6394

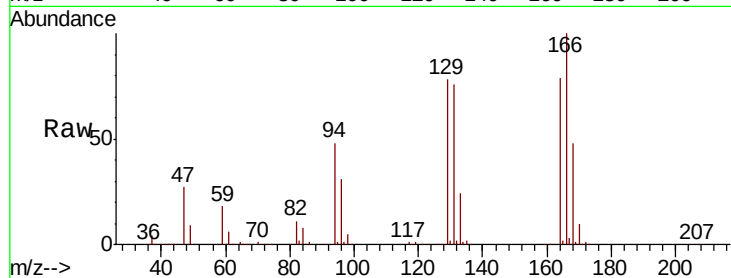
Ion Ratio Lower Upper

97 100

99 15.5 44.0 81.8#

83 255.1 65.3 121.3#

85 46.5 41.8 77.6

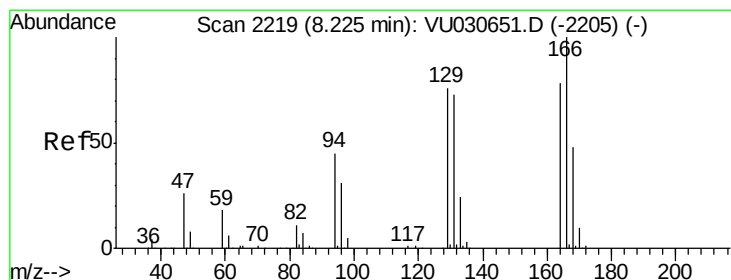
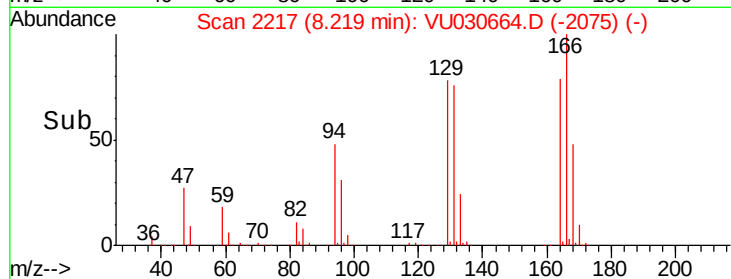
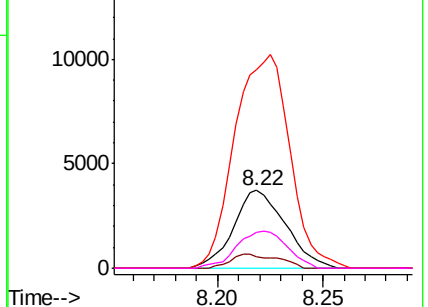


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 198.442 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030664.D

Acq: 04 Apr 2019 06:08

Tgt Ion:164 Resp: 721936

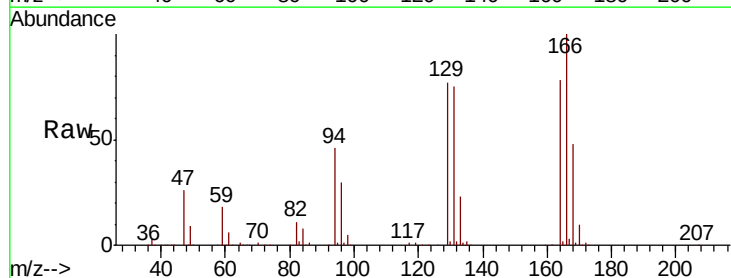
Ion Ratio Lower Upper

164 100

129 98.0 68.1 126.5

131 95.2 67.7 125.7

166 127.7 92.4 171.6

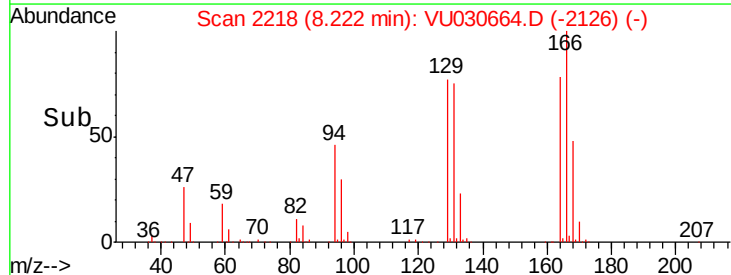
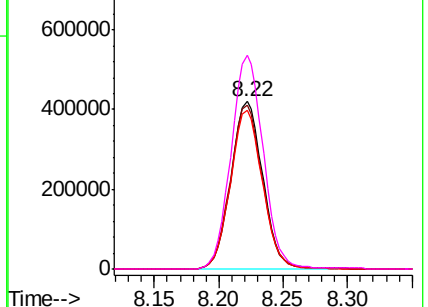


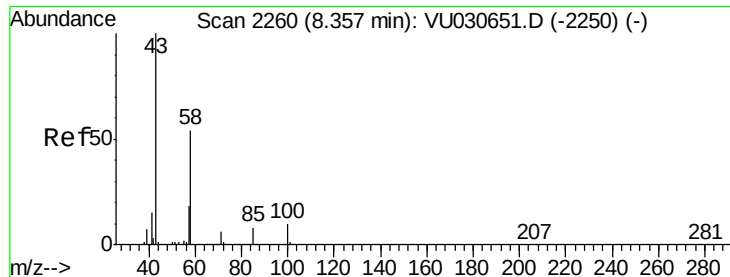
Abundance Ion 164.00 (163.70 to 164.70): V

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

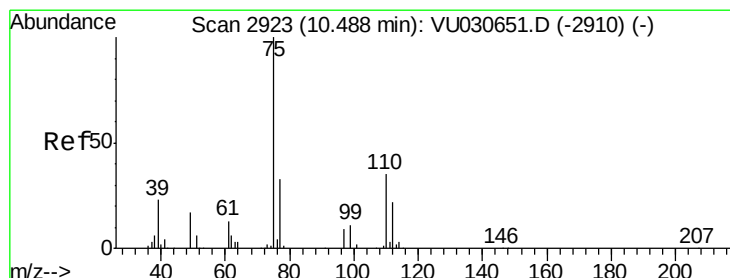
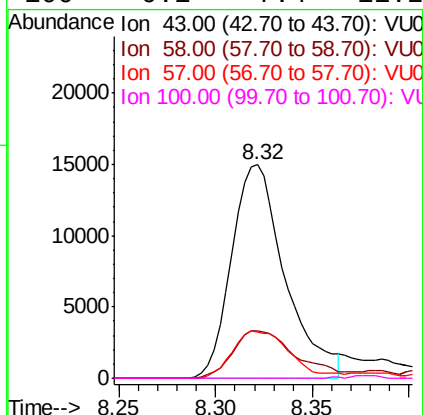
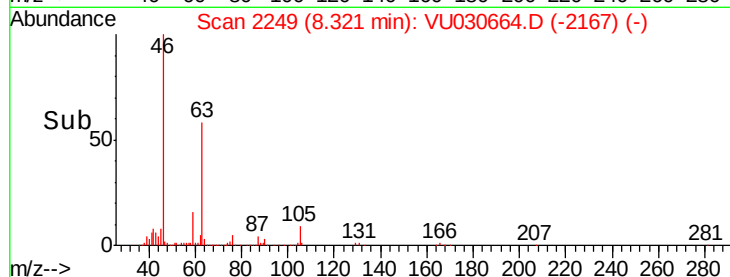
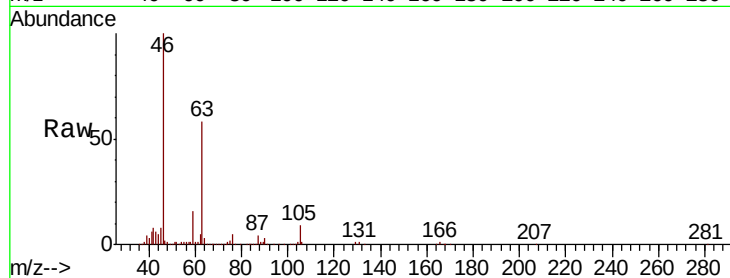




#48
 2-Hexanone
 Concen: 3.476 ug/L
 RT: 8.32 min Scan# 2249
 Delta R.T. -0.04 min
 Lab File: VU030664.D
 Acq: 04 Apr 2019 06:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	43	Resp:	28772
Ion	Ratio	Lower	Upper
43	100		
58	26.0	42.5	63.7#
57	23.2	15.0	22.6#
100	0.1	7.4	11.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.498 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030664.D
 Acq: 04 Apr 2019 06:08

Tgt Ion:	75	Resp:	40240
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.2

