

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031061.D
 Acq On : 11 Apr 2019 11:54
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Apr 12 03:12:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 03:03:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	490667	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	493475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213949	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	186031	42.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.94%
7) Chloroethane-d5	1.68	69	159768	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.12%
11) 1,1-Dichloroethene-d2	2.27	63	269713	34.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.10%
21) 2-Butanone-d5	4.17	46	346765	99.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.89%
24) Chloroform-d	4.64	84	327001	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
26) 1,2-Dichloroethane-d4	5.30	65	230669	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
32) Benzene-d6	5.33	84	661011	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
36) 1,2-Dichloropropane-d6	6.32	67	232799	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.30%
41) Toluene-d8	7.56	98	564802	44.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.46%
43) trans-1,3-Dichloropropene-	7.85	79	103699	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.31	63	206032	91.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	326641	49.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	219287	52.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.24%

Target Compounds

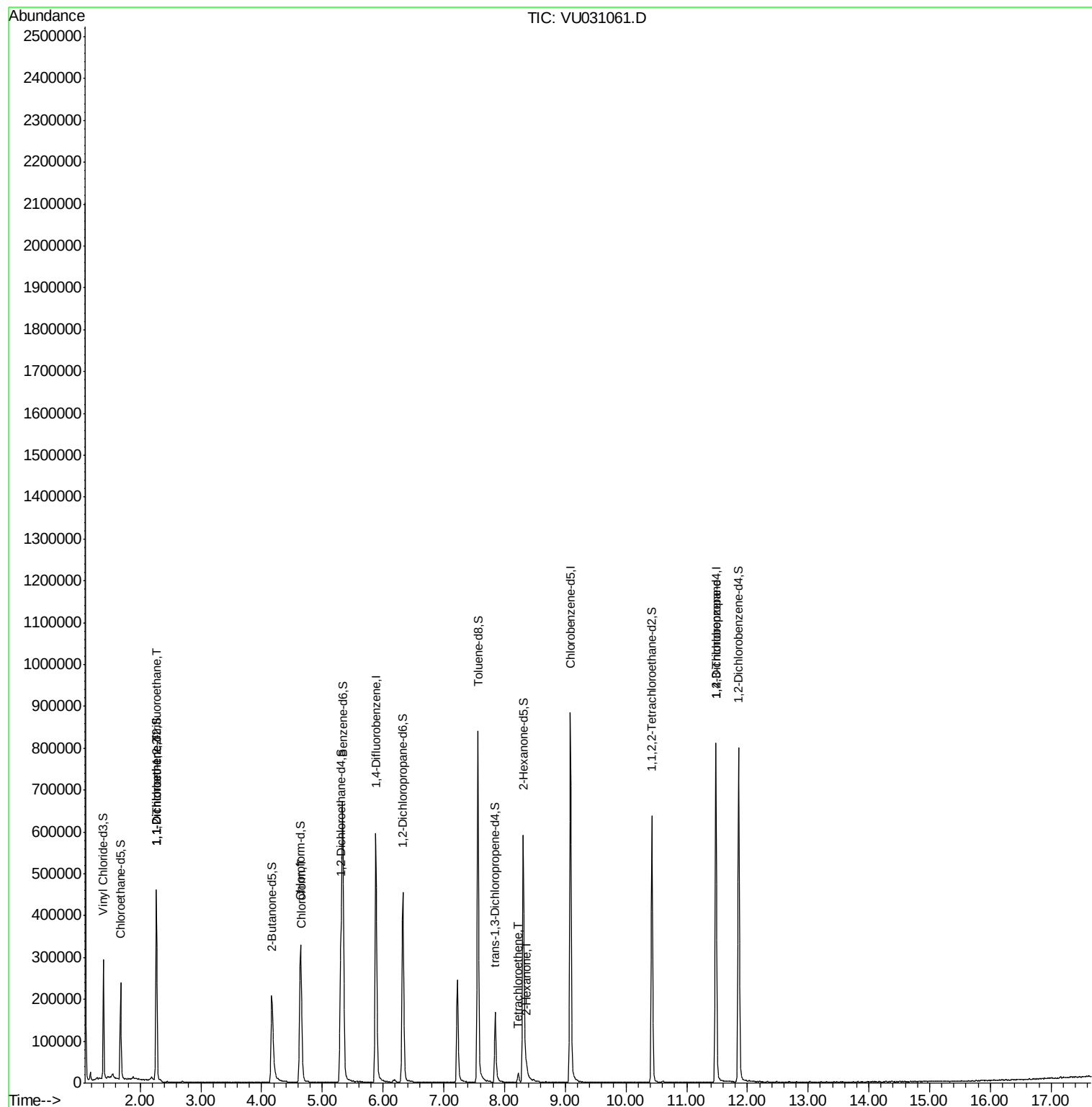
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2328	0.663	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2137	0.630	ug/L #	1
25) Chloroform	4.66	83	7750	1.038	ug/L	87
46) Tetrachloroethene	8.23	164	5183	1.800	ug/L	81
48) 2-Hexanone	8.37	43	13043	2.274	ug/L #	50
59) 1,2,3-Trichloropropane	11.48	75	26000	4.748	ug/L	90

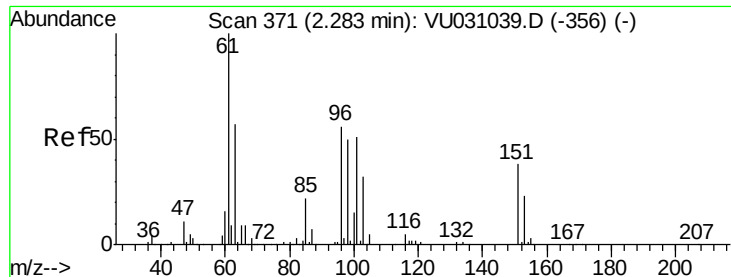
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 03:03:54 2019
Response via : Initial Calibration





#10

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

Concen: 0.663 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031061.D

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MSVOA_U

ClientSampleId :

VIBLK40

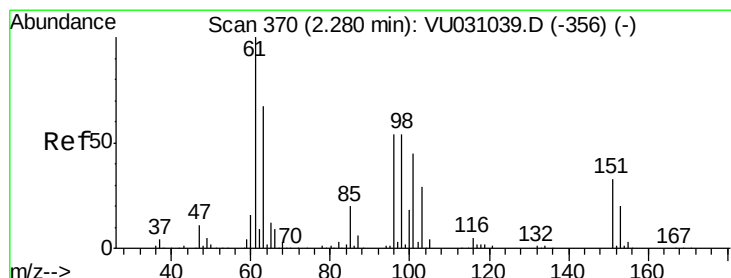
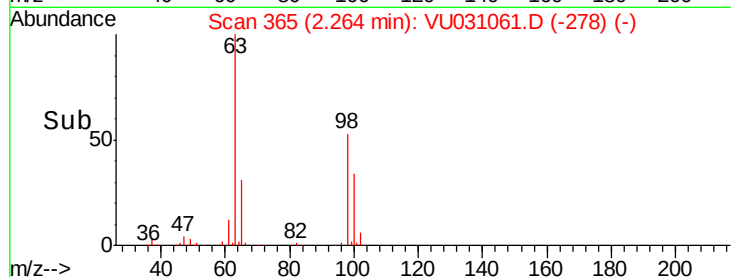
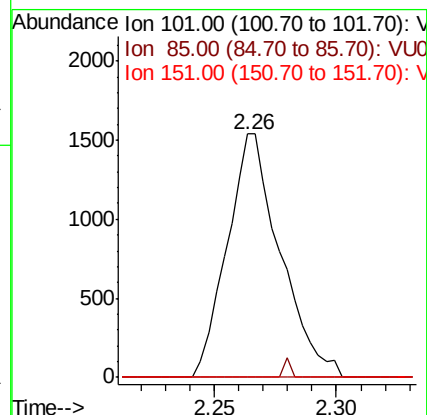
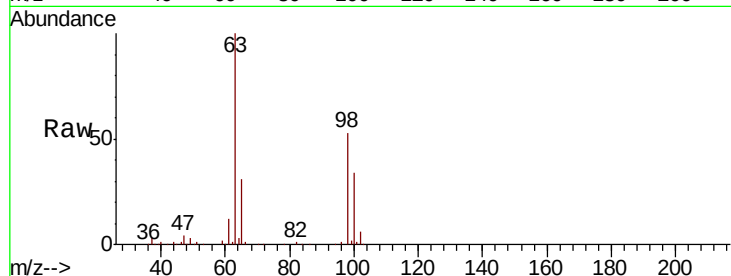
Tot Ion:101 Resp: 2328

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.630 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031061.D

Acq: 11 Apr 2019 11:54

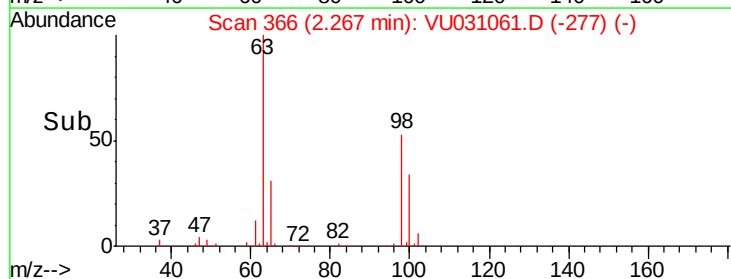
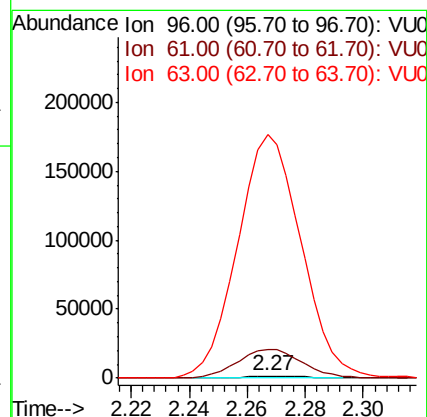
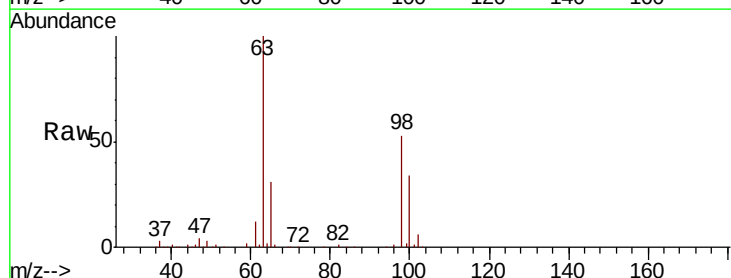
Tgt Ion: 96 Resp: 2137

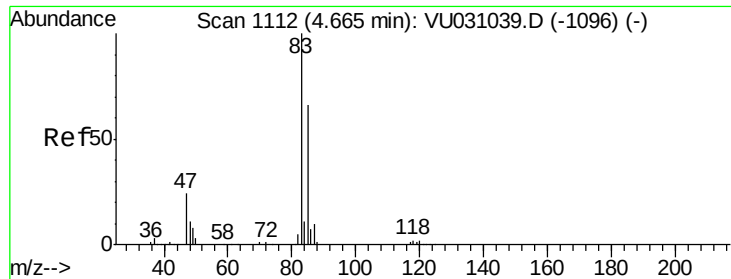
Ion Ratio Lower Upper

96 100

61 1626.1 132.0 245.2#

63 13720.0 90.9 168.9#

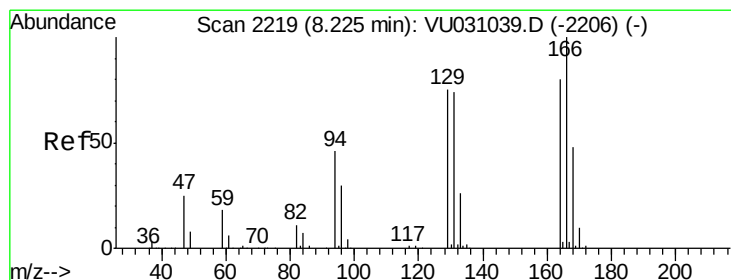
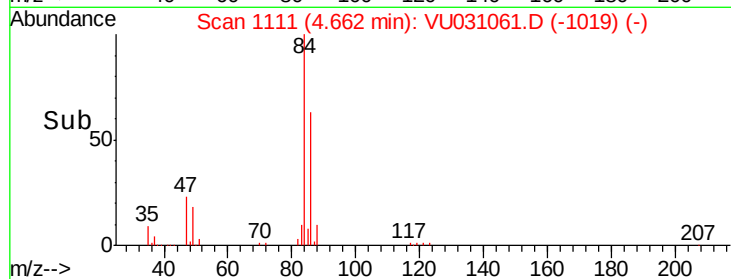
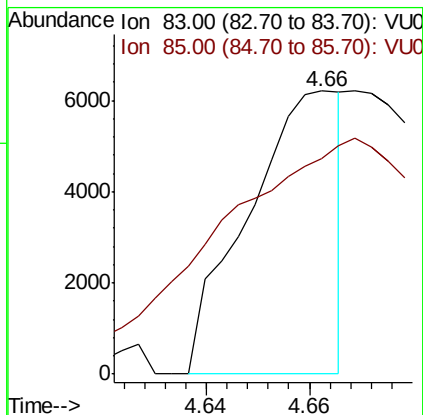
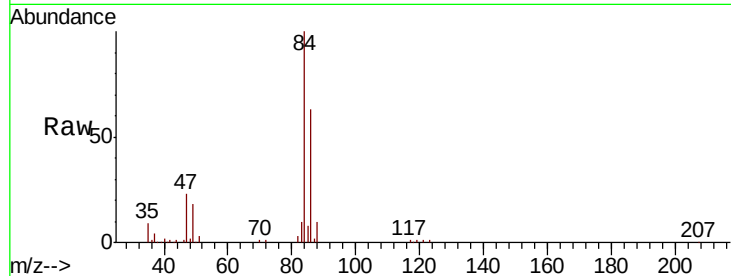




#25
Chloroform
Concen: 1.038 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031061.D
Acq: 11 Apr 2019 11:54

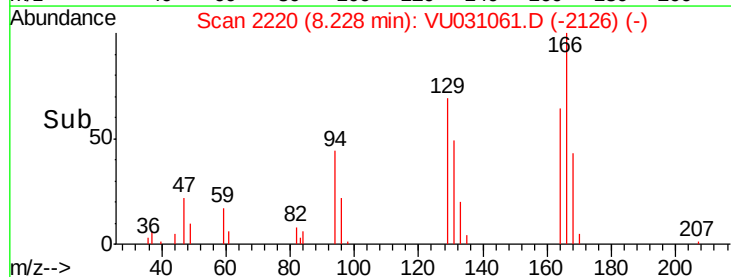
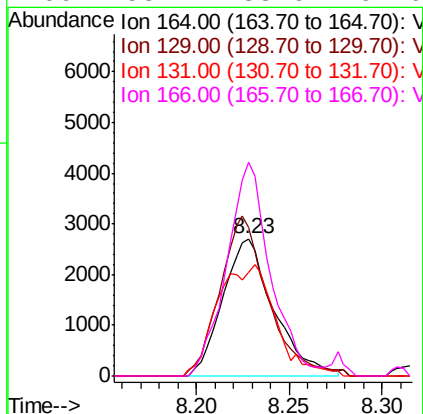
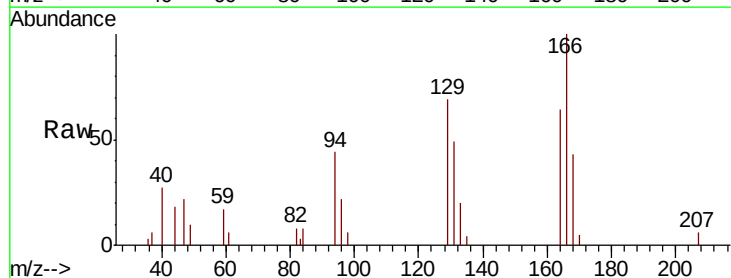
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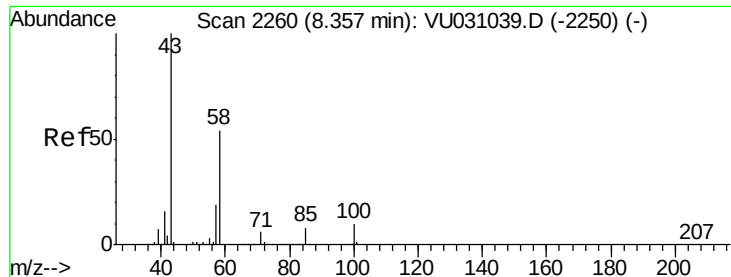
Tot Ion: 83 Resp: 7750
Ion Ratio Lower Upper
83 100
85 76.1 45.8 85.0



#46
Tetrachloroethene
Concen: 1.800 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU031061.D
Acq: 11 Apr 2019 11:54

Tgt Ion:164 Resp: 5183
Ion Ratio Lower Upper
164 100
129 108.0 67.4 125.2
131 75.5 65.9 122.5
166 155.4 88.6 164.6

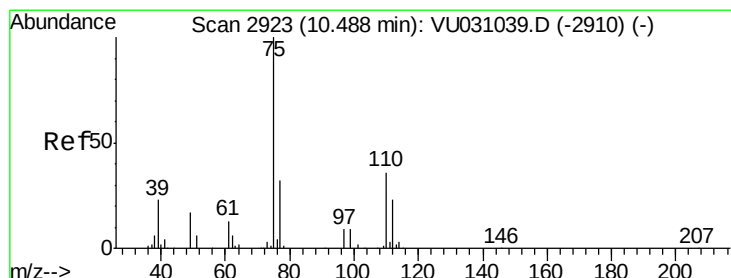
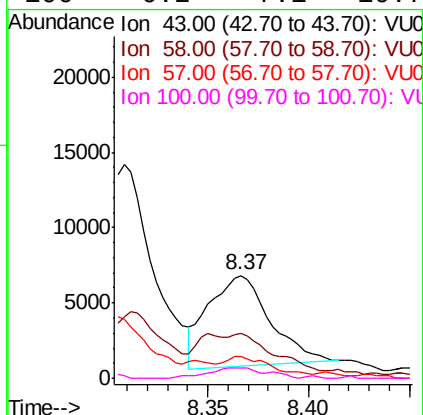
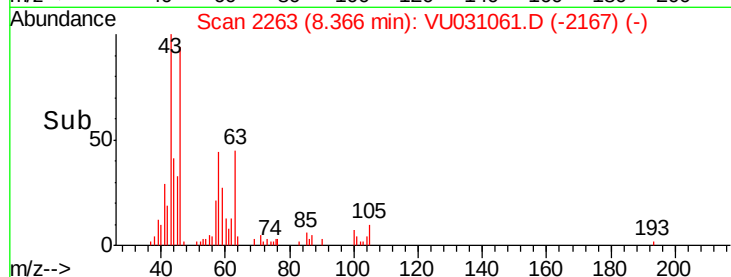
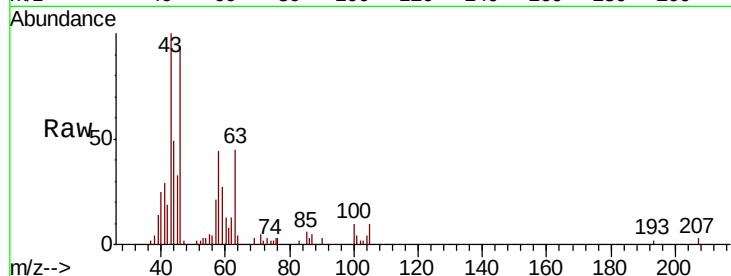




#48
2-Hexanone
Concen: 2.274 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031061.D
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Instrument :
MSVOA_U
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Tot Ion:	43	Resp:	13043
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.9	62.9#
57	17.7	14.3	21.5
100	6.2	7.1	10.7#



#59
1,2,3-Trichloropropane
Concen: 4.748 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031061.D
Acq: 11 Apr 2019 11:54

Tgt Ion:	75	Resp:	26000
Ion	Ratio	Lower	Upper
75	100		
77	38.1	26.1	39.1

