

Data File : VU033920.D
Acq On : 22 Aug 2019 23:26
Operator : JC/SP
Sample : K4485-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B11

Quant Time: Aug 23 03:06:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	548796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	562571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	224618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	205537	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.42%
7) Chloroethane-d5	1.67	69	177581	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.04%
11) 1,1-Dichloroethene-d2	2.25	63	309609	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.32%
21) 2-Butanone-d5	4.15	46	480530	148.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	148.38%#
24) Chloroform-d	4.62	84	371666	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.28	65	253729	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.32	84	770278	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.31	67	259673	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.54	98	655905	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%
43) trans-1,3-Dichloropropene-	7.83	79	103428	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
47) 2-Hexanone-d5	8.29	63	332971	154.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	154.41%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	380215	51.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.98%
64) 1,2-Dichlorobenzene-d4	11.84	152	239814	52.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.64%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2771	0.721	ug/L #	22
20) cis-1,2-Dichloroethene	4.20	96	4333	0.990	ug/L	91
25) Chloroform	4.65	83	9310	1.187	ug/L	90
34) Trichloroethene	6.17	95	4263	0.966	ug/L	90
48) 2-Hexanone	8.29	43	40642	7.852	ug/L #	72
59) 1,2,3-Trichloropropane	11.47	75	28052	4.716	ug/L	96

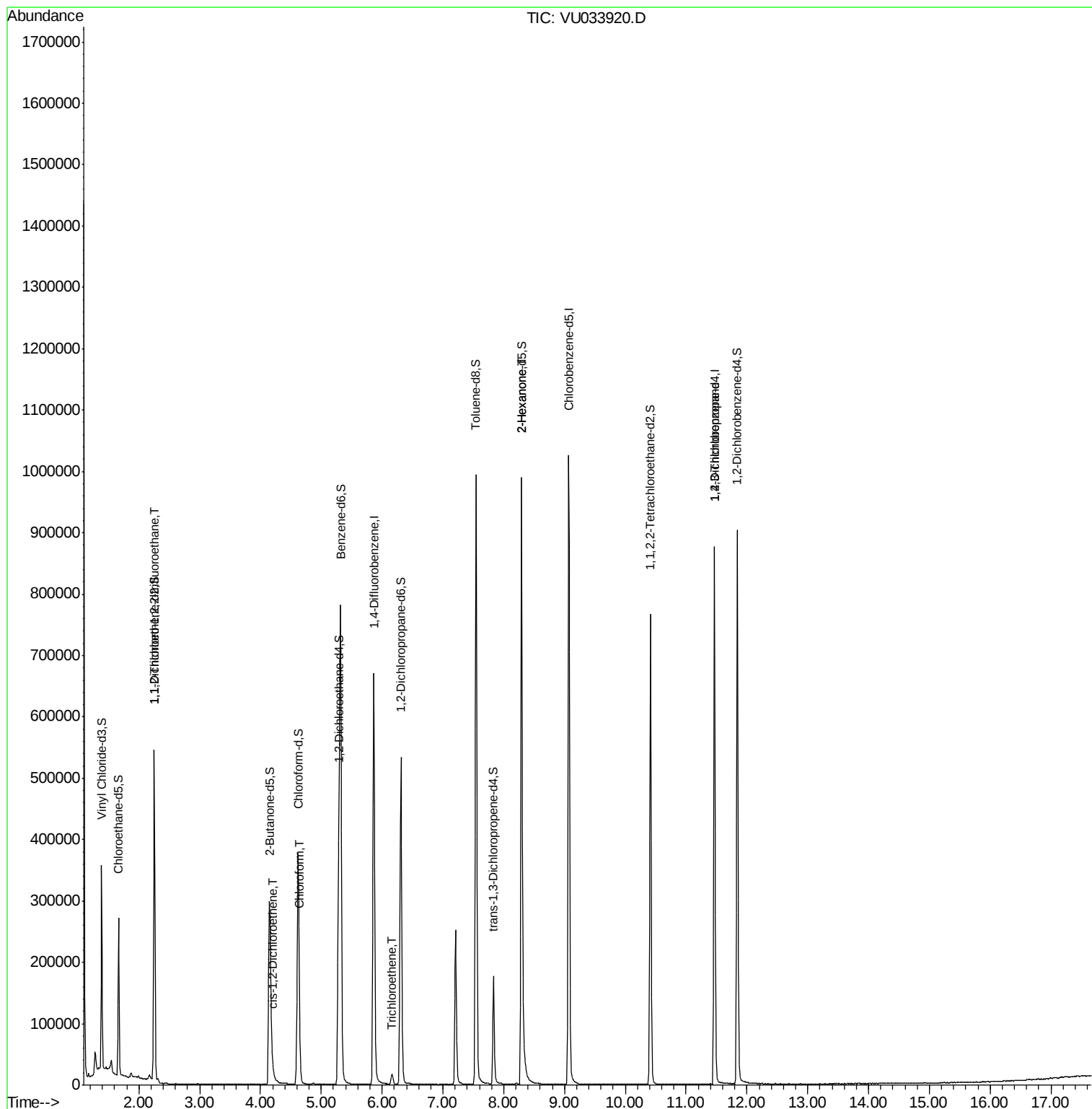
(#) = qualifier out of range (m) = manual integration (+) = signals summed

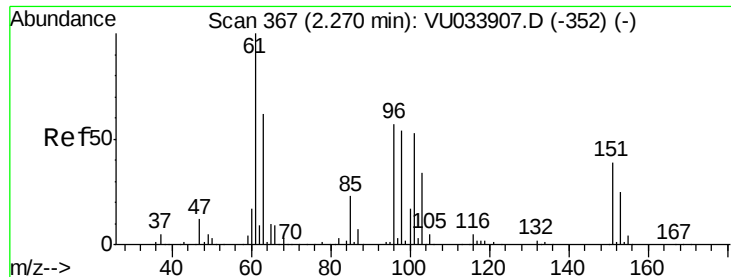
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QLast Update : Fri Aug 23 02:53:44 2019
Response via : Initial Calibration





#10

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

Concen: 0.721 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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Instrument :

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ClientSampleId :

F2B11

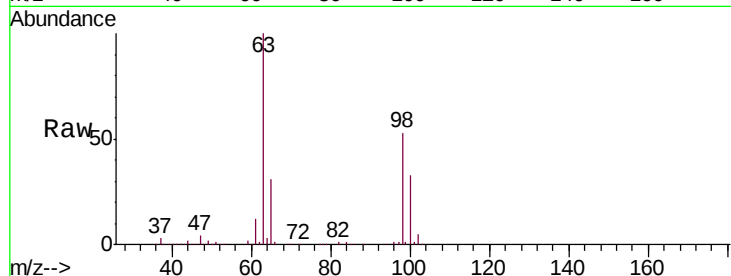
Tgt Ion: 101 Resp: 2771

Ion Ratio Lower Upper

101 100

85 1.7 33.7 50.5#

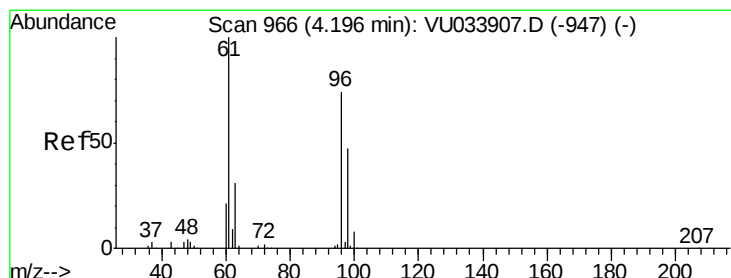
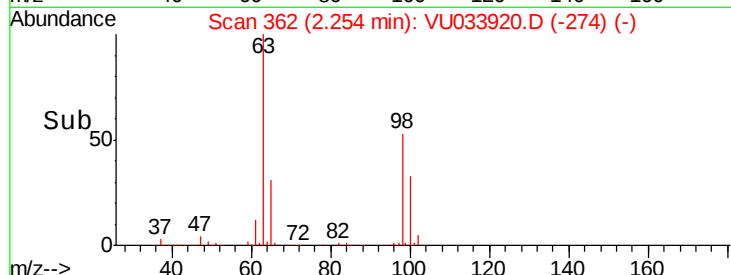
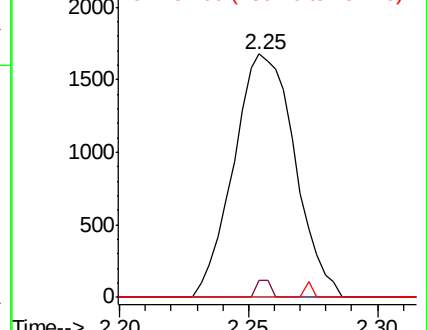
151 0.0 57.8 86.6#



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: 0.990 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.01 min

Lab File: VU033920.D

Acq: 22 Aug 2019 23:26

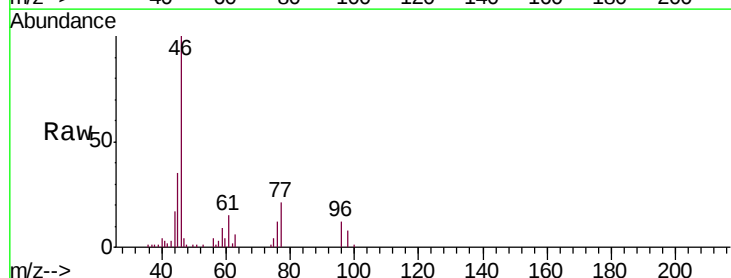
Tgt Ion: 96 Resp: 4333

Ion Ratio Lower Upper

96 100

61 125.1 95.5 177.4

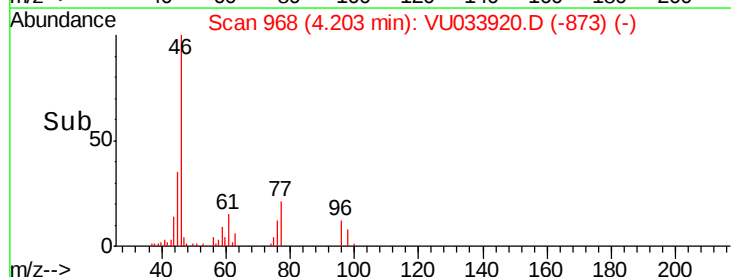
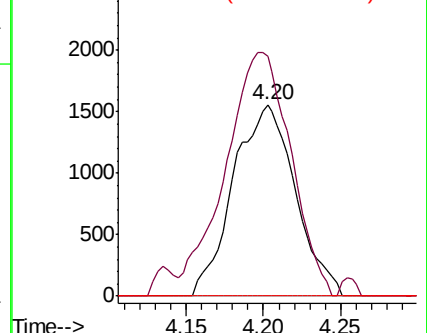
68 0.0 0.0 0.0

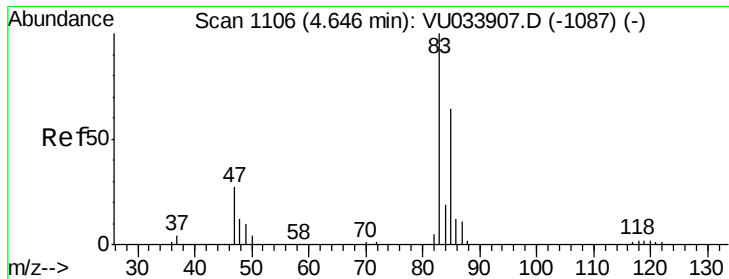


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

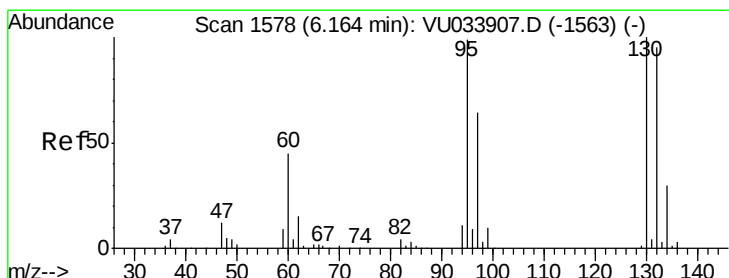
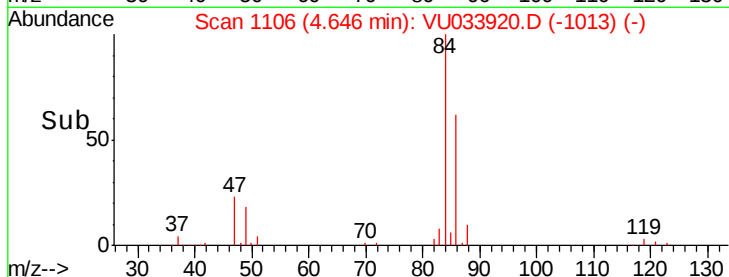
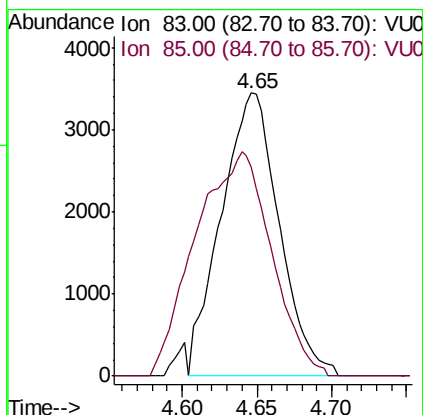
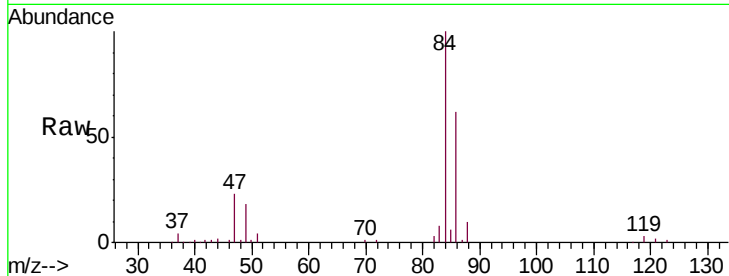




#25
Chloroform
Concen: 1.187 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033920.D
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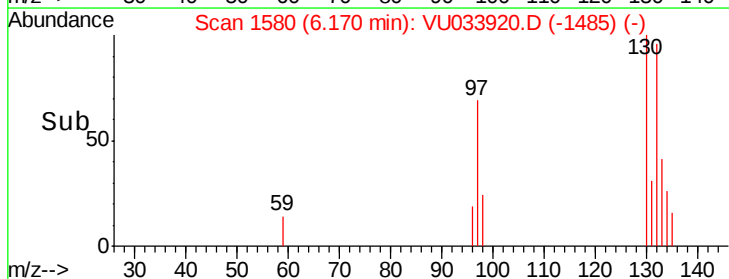
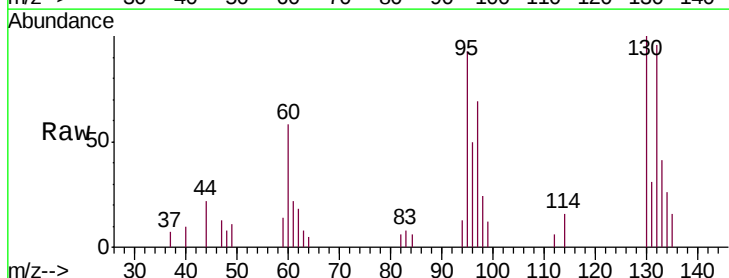
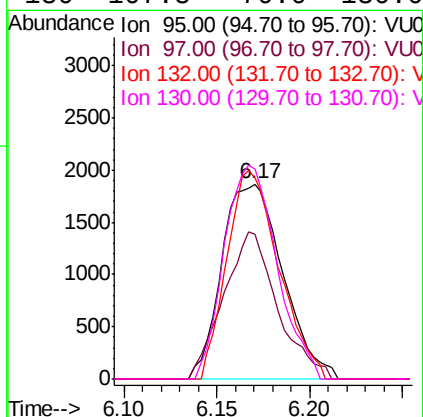
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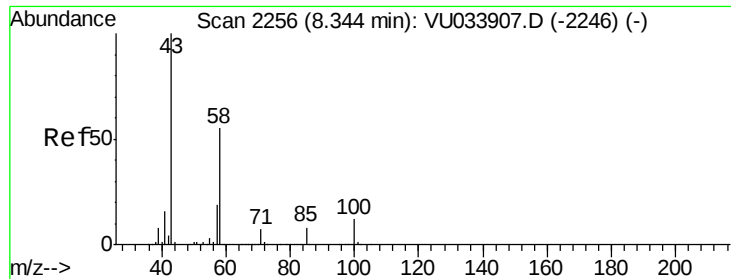
Tgt Ion: 83 Resp: 9310
Ion Ratio Lower Upper
83 100
85 73.7 46.2 85.8



#34
Trichloroethene
Concen: 0.966 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU033920.D
Acq: 22 Aug 2019 23:26

Tgt Ion: 95 Resp: 4263
Ion Ratio Lower Upper
95 100
97 74.5 44.7 82.9
132 103.2 65.7 122.1
130 107.8 70.0 130.0

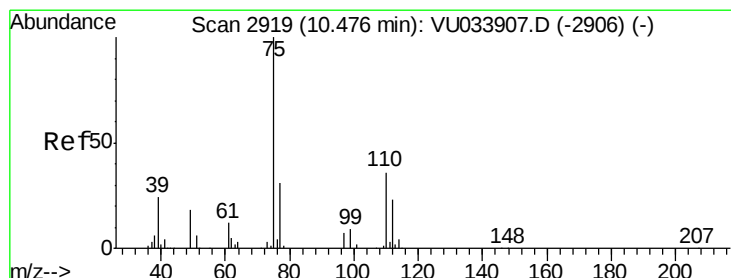
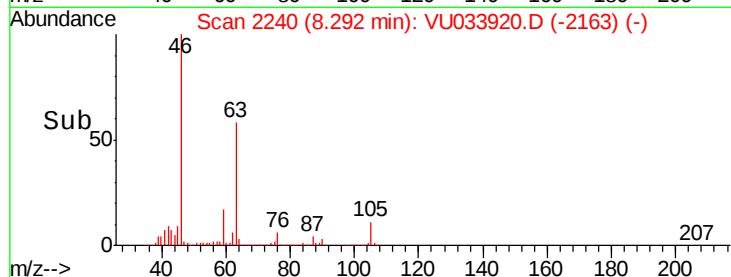
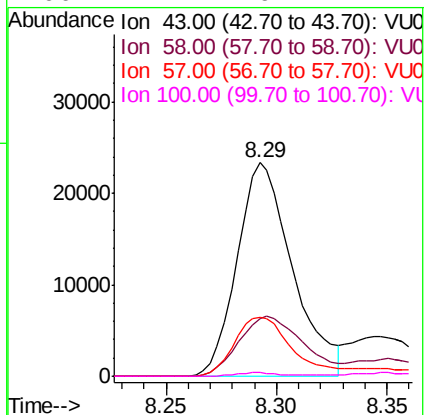
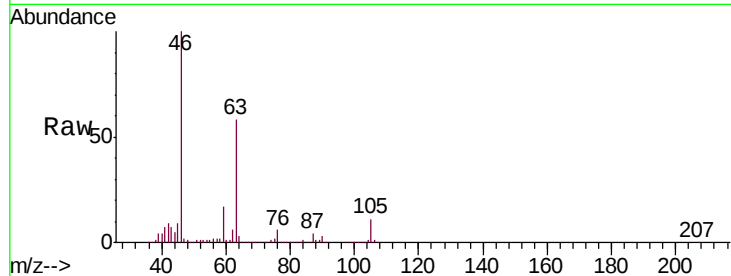




#48
 2-Hexanone
 Concen: 7.852 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033920.D
 Acq: 22 Aug 2019 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B11

Tgt Ion: 43 Resp: 40642
 Ion Ratio Lower Upper
 43 100
 58 32.8 44.3 66.5#
 57 28.5 15.3 22.9#
 100 1.4 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.716 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033920.D
 Acq: 22 Aug 2019 23:26

Tgt Ion: 75 Resp: 28052
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.8 38.8

