

Data File : VU035308.D
Acq On : 19 Oct 2019 11:08
Operator : JC/SP
Sample : PB124074TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Oct 21 05:46:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	667155	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	650321	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	218598	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	264138	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.06%
7) Chloroethane-d5	1.93	69	233210	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.84%
11) 1,1-Dichloroethene-d2	2.60	63	346985	36.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.28%
21) 2-Butanone-d5	4.70	46	398902	104.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	5.11	84	447885	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
26) 1,2-Dichloroethane-d4	5.75	65	303457	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
32) Benzene-d6	5.77	84	932741	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.74	67	303170	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.93	98	871532	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.21	79	151344	48.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.50%
47) 2-Hexanone-d5	8.68	63	267012	100.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.27%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	412580	46.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.62%
64) 1,2-Dichlorobenzene-d4	12.22	152	247689	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%

Target Compounds

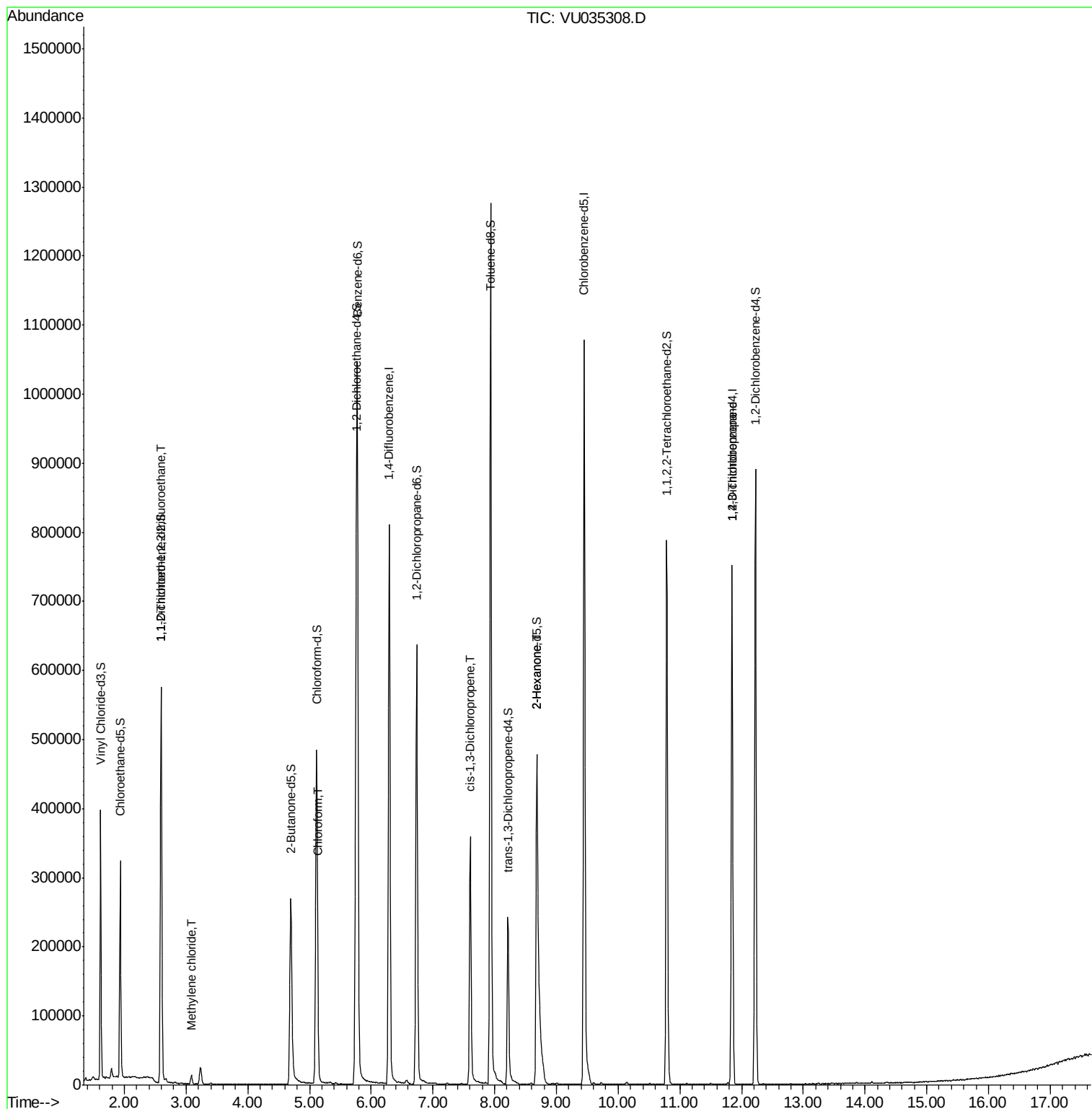
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3357	0.797	ug/L #	21
16) Methylene chloride	3.09	84	5882	1.213	ug/L	98
25) Chloroform	5.14	83	10336	1.200	ug/L	87
39) cis-1,3-Dichloropropene	7.60	75	9522	1.238	ug/L #	64
48) 2-Hexanone	8.68	43	22677	3.790	ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	26283	4.054	ug/L	95

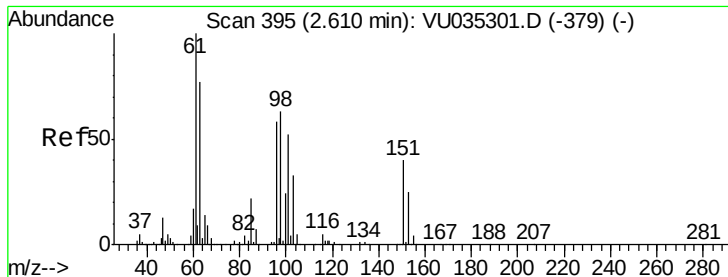
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.797 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

VLEB01

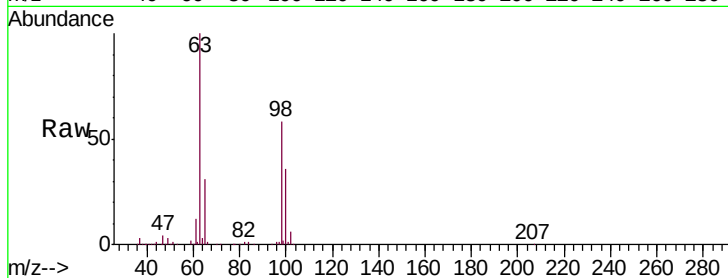
Tgt Ion: 101 Resp: 3357

Ion Ratio Lower Upper

101 100

85 2.0 33.7 50.5#

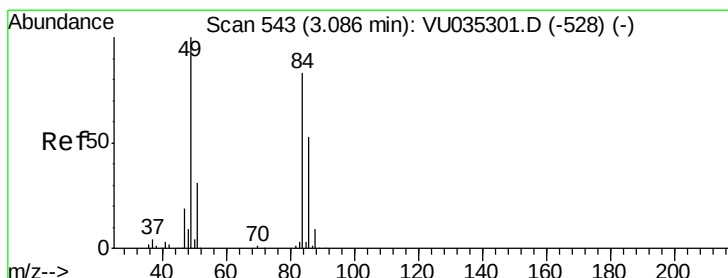
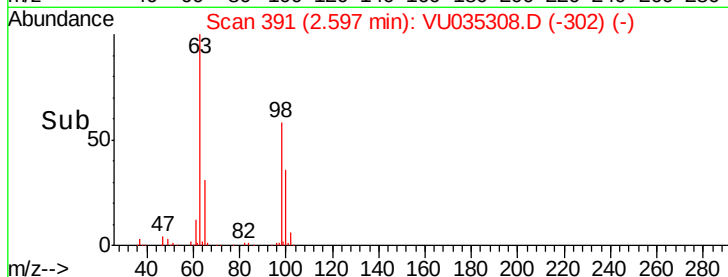
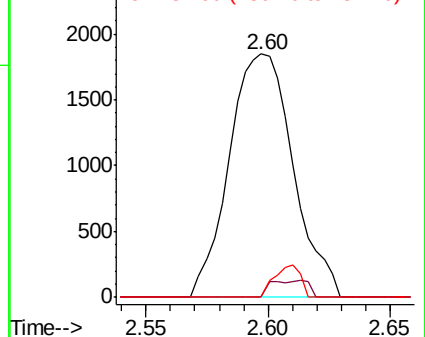
151 0.0 60.3 90.5#



Abundance Ion 101.00 (100.70 to 101.70): V

2500 Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 1.213 ug/L

RT: 3.09 min Scan# 543

Delta R.T. -0.00 min

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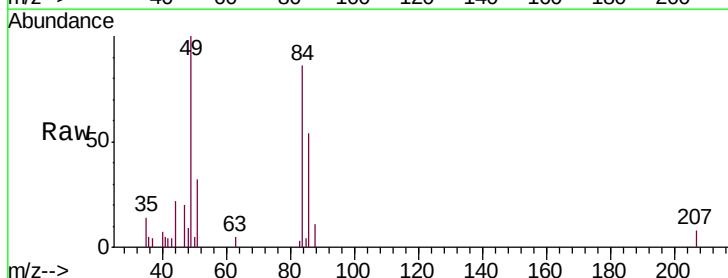
Tgt Ion: 84 Resp: 5882

Ion Ratio Lower Upper

84 100

86 63.0 44.4 82.5

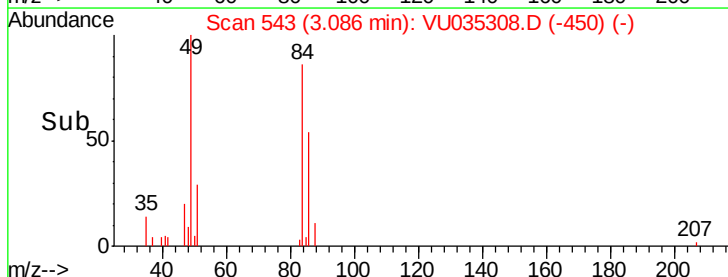
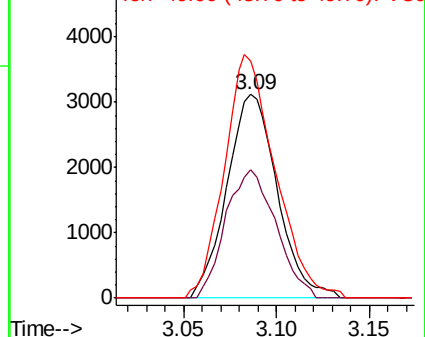
49 116.4 84.0 156.0

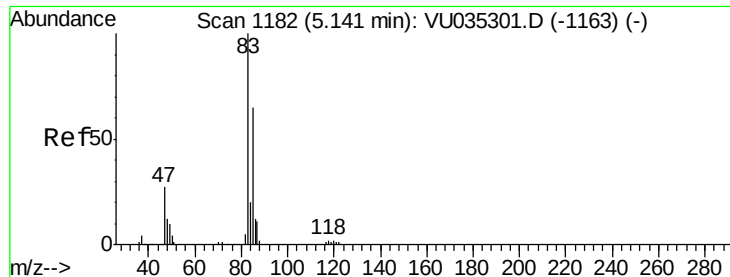


Abundance Ion 84.00 (83.70 to 84.70): VU0

5000 Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

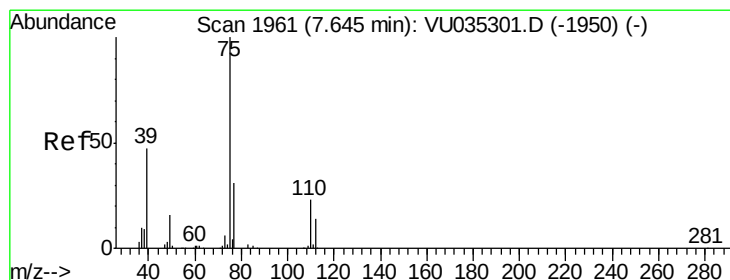
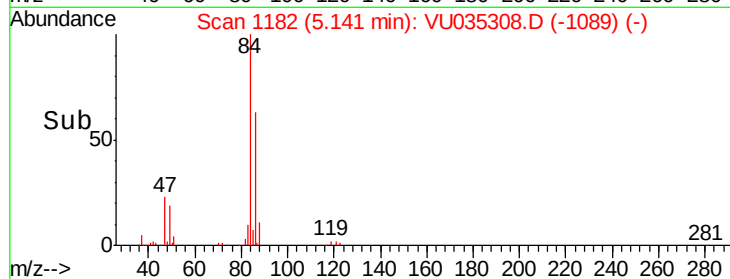
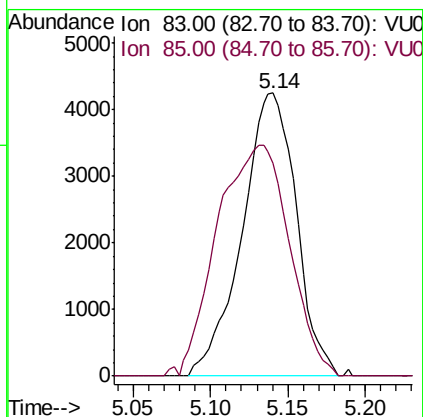
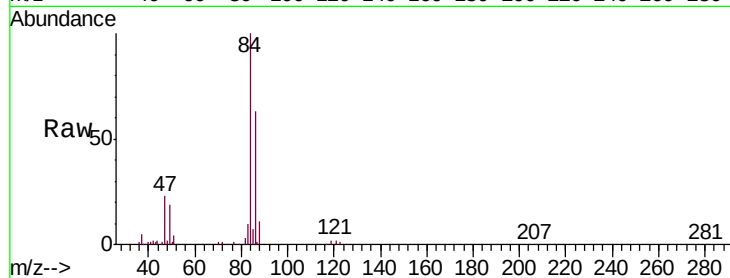




#25
Chloroform
Concen: 1.200 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. -0.00 min
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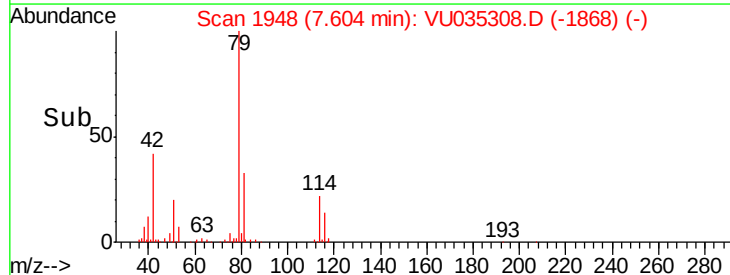
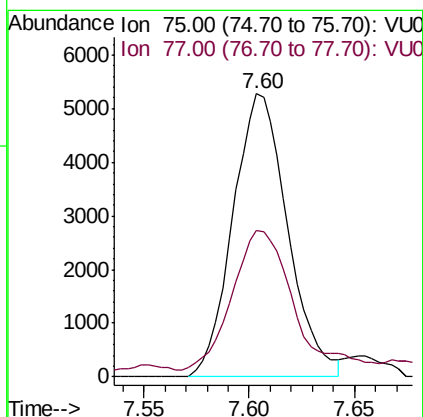
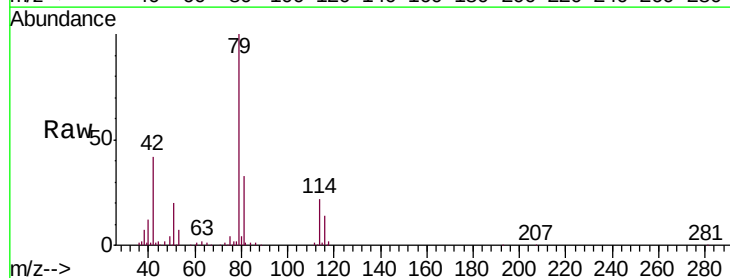
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VLEB01

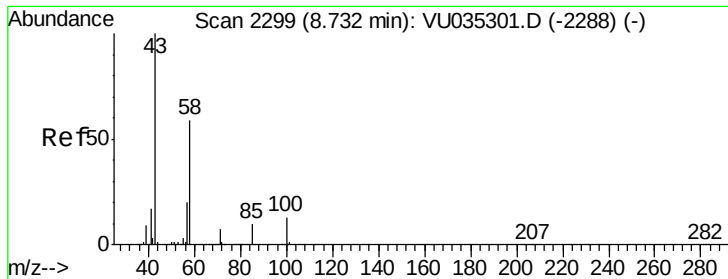
Tgt Ion: 83 Resp: 10336
Ion Ratio Lower Upper
83 100
85 75.4 45.5 84.5



#39
cis-1,3-Dichloropropene
Concen: 1.238 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035308.D
Acq: 19 Oct 2019 11:08

Tgt Ion: 75 Resp: 9522
Ion Ratio Lower Upper
75 100
77 51.9 22.3 41.5#

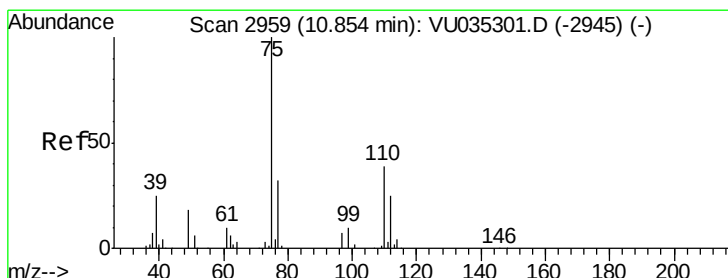
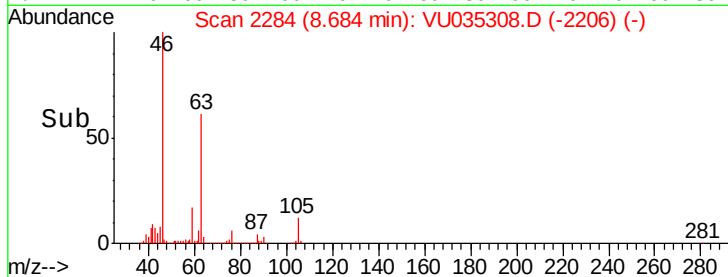
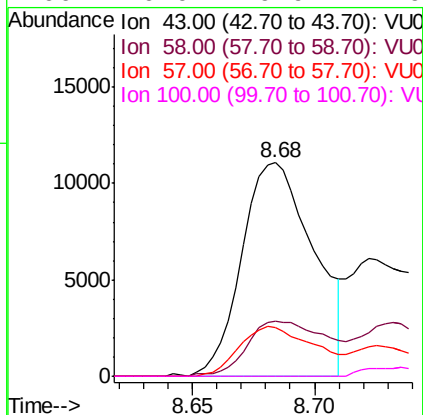
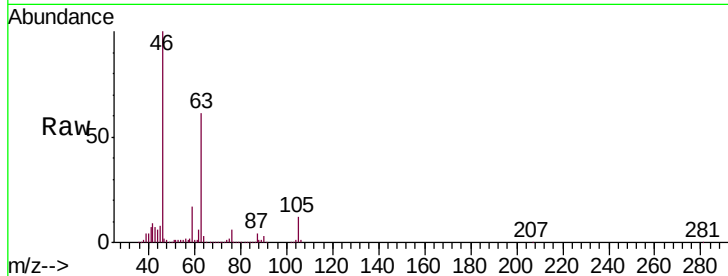




#48
 2-Hexanone
 Concen: 3.790 ug/L
 RT: 8.68 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: VU035308.D
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Tgt Ion:	43	Resp:	22677
Ion	Ratio	Lower	Upper
43	100		
58	28.8	42.7	64.1#
57	24.9	14.8	22.2#
100	0.0	9.9	14.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.054 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035308.D
 Acq: 19 Oct 2019 11:08

Tgt Ion:	75	Resp:	26283
Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.2	39.2

