

Data File : VU033935.D
Acq On : 23 Aug 2019 12:20
Operator : JC/SP
Sample : K4485-12DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B88DL

Quant Time: Aug 26 06:57:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 26 06:54:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	517870	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	535987	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	220262	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	211797	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.28%
7) Chloroethane-d5	1.67	69	179627	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.72%
11) 1,1-Dichloroethene-d2	2.25	63	316952	38.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.38%
21) 2-Butanone-d5	4.15	46	315842	103.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.35%
24) Chloroform-d	4.62	84	365828	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
26) 1,2-Dichloroethane-d4	5.28	65	262746	54.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.98%
32) Benzene-d6	5.32	84	780219	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.48%
36) 1,2-Dichloropropane-d6	6.31	67	262865	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.42%
41) Toluene-d8	7.54	98	669611	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%
43) trans-1,3-Dichloropropene-	7.83	79	110967	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.34%
47) 2-Hexanone-d5	8.29	63	200713	97.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.69%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	346463	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.84	152	244765	54.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.92%

Target Compounds

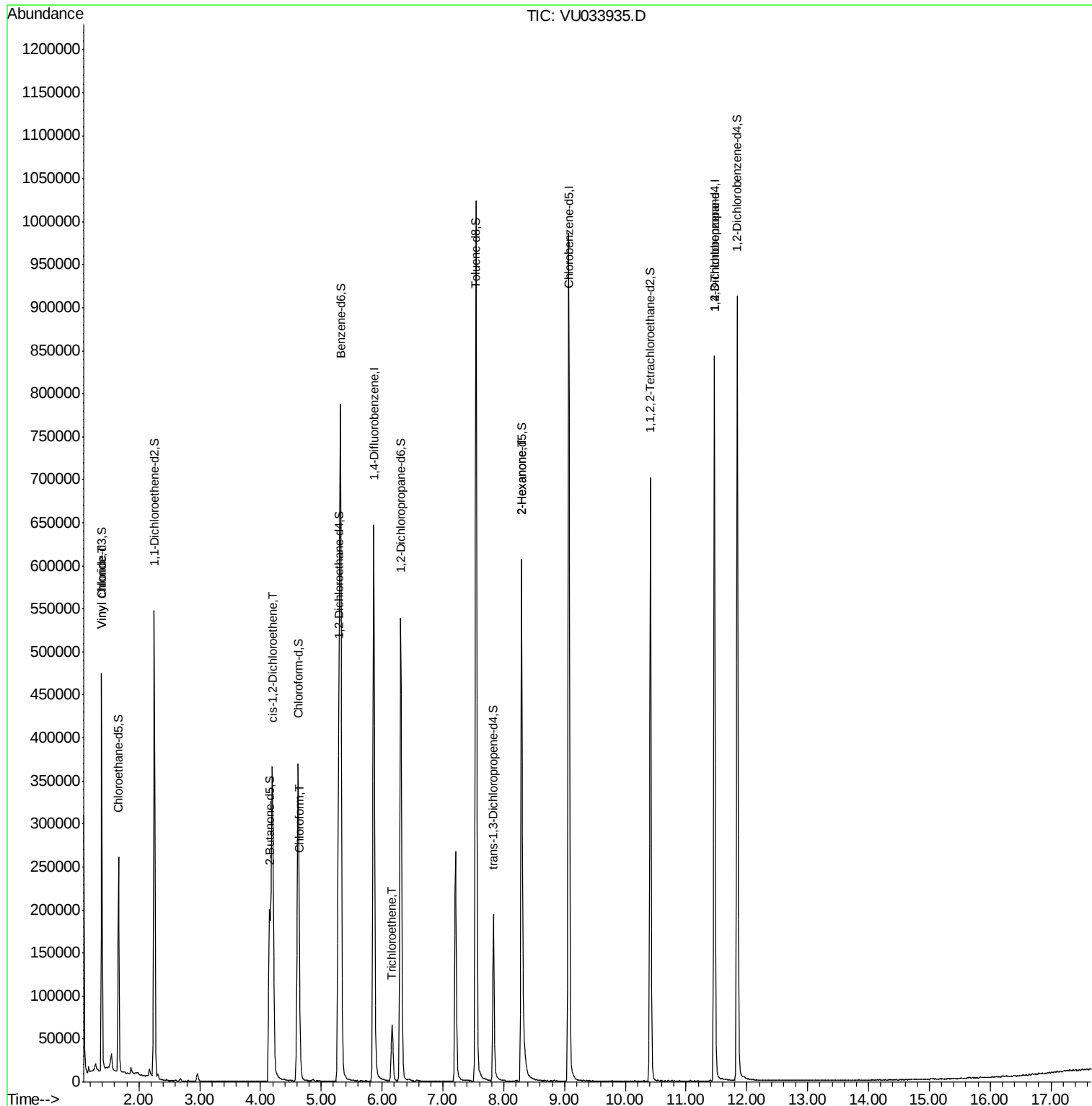
						Qvalue
5) Vinyl chloride	1.39	62	94579	17.479	ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	191325	46.333	ug/L	100
25) Chloroform	4.65	83	20433	2.760	ug/L	97
34) Trichloroethene	6.17	95	20866	4.962	ug/L	98
48) 2-Hexanone	8.29	43	26918	5.459	ug/L #	73
59) 1,2,3-Trichloropropane	11.46	75	27566	4.865	ug/L	92

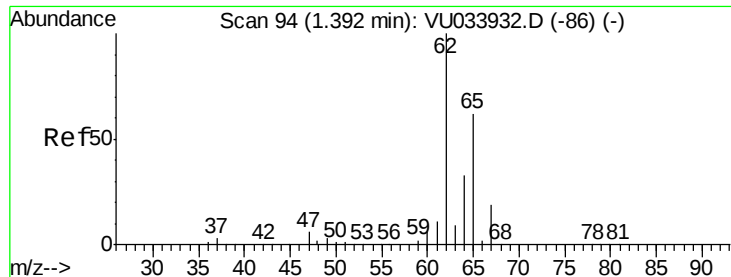
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 17.479 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

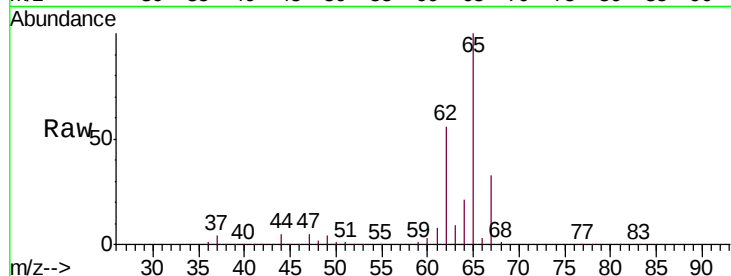
F2B88DL

Tgt Ion: 62 Resp: 94579

Ion Ratio Lower Upper

62 100

64 37.6 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.39

100000

80000

60000

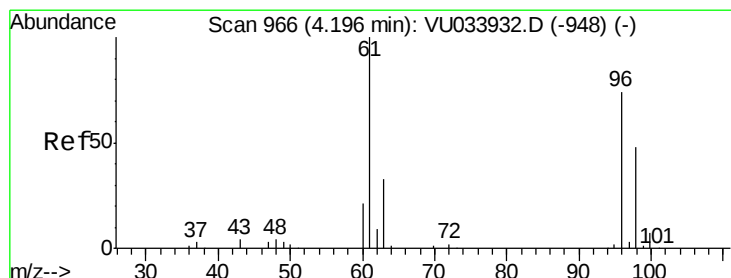
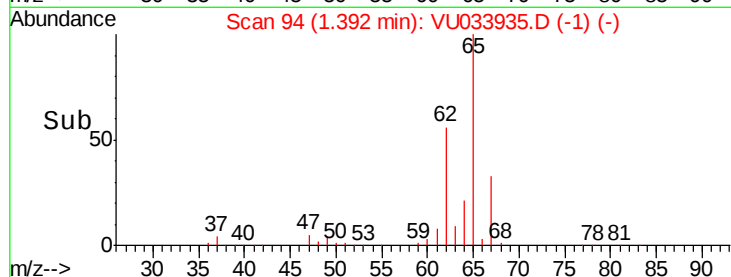
40000

20000

0

1.35 1.40 1.45

Time-->



#20

cis-1,2-Dichloroethene

Concen: 46.333 ug/L

RT: 4.20 min Scan# 966

Delta R.T. 0.00 min

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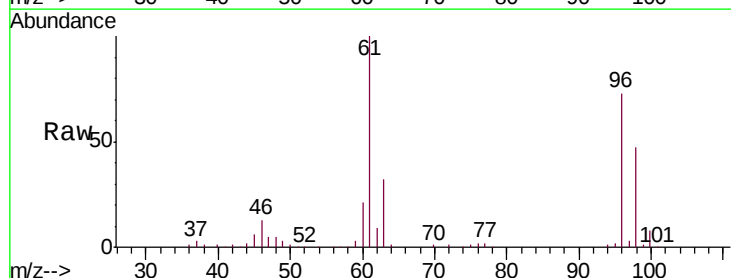
Tgt Ion: 96 Resp: 191325

Ion Ratio Lower Upper

96 100

61 136.9 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

4.20

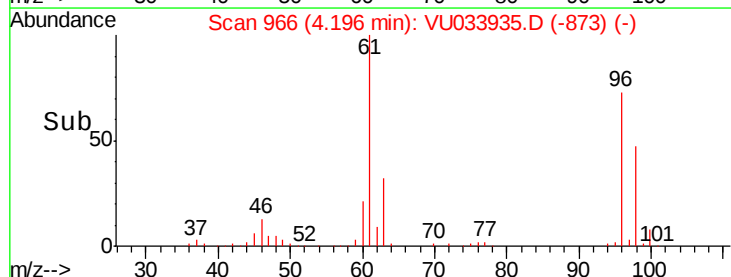
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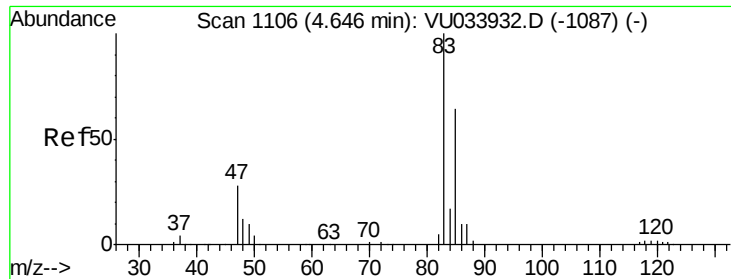
50000

0

4.10 4.20 4.30

Time-->

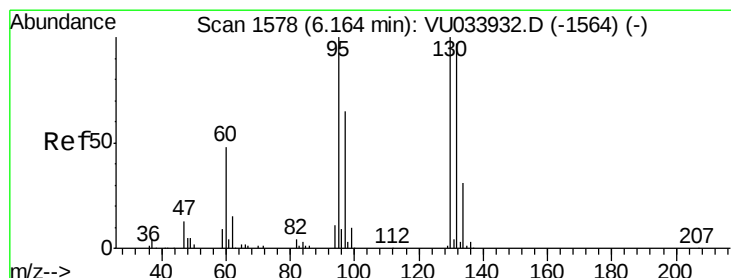
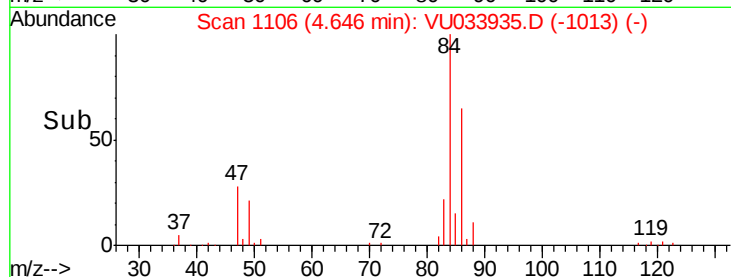
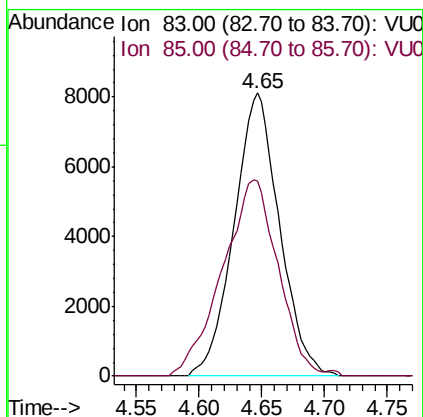
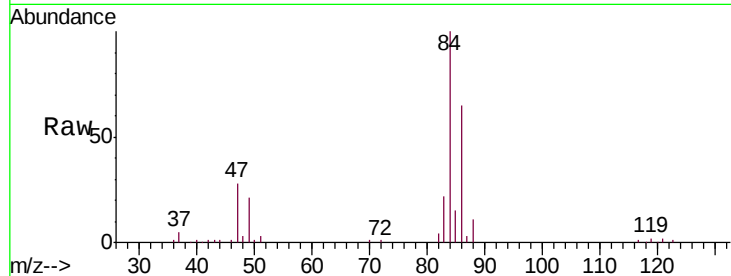




#25
Chloroform
Concen: 2.760 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033935.D
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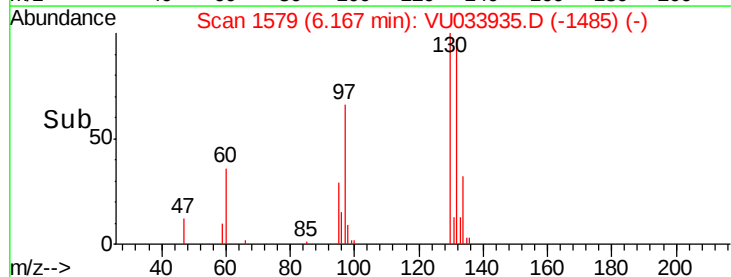
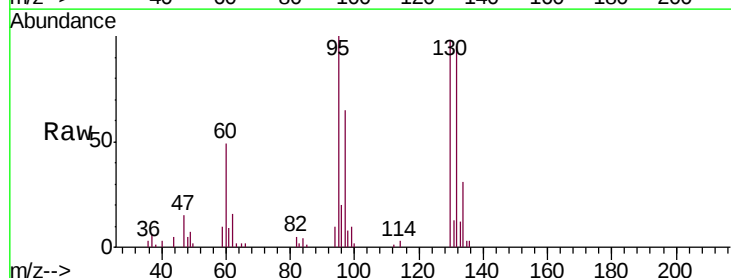
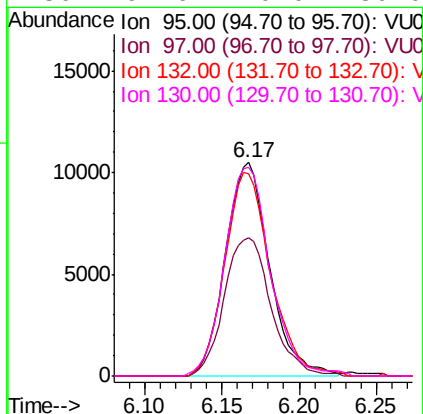
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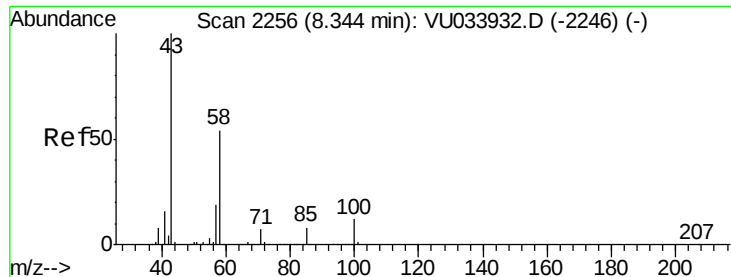
Tgt Ion: 83 Resp: 20433
Ion Ratio Lower Upper
83 100
85 68.8 46.2 85.8



#34
Trichloroethene
Concen: 4.962 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033935.D
Acq: 23 Aug 2019 12:20

Tgt Ion: 95 Resp: 20866
Ion Ratio Lower Upper
95 100
97 64.7 44.7 82.9
132 94.8 65.7 122.1
130 97.6 70.0 130.0

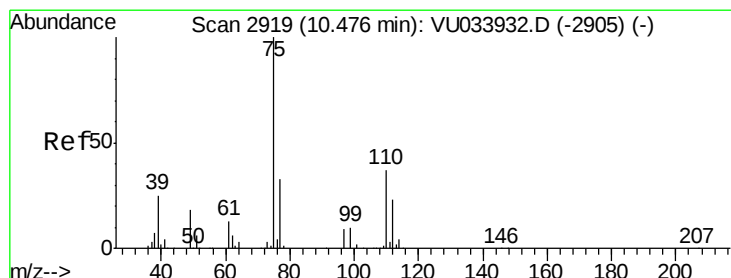
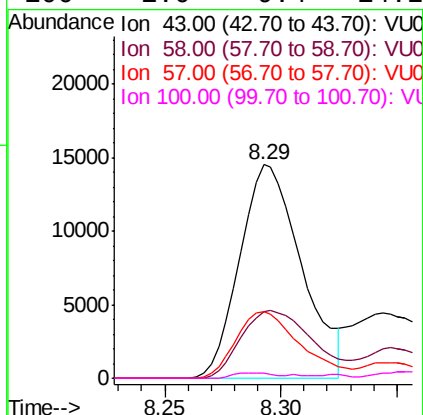
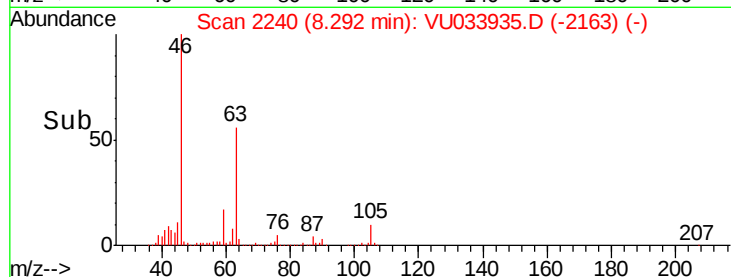
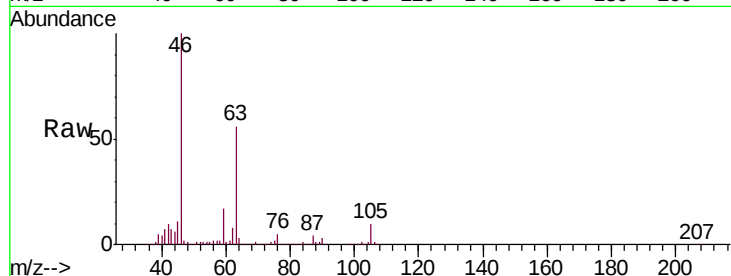




#48
 2-Hexanone
 Concen: 5.459 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033935.D
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Tgt Ion:	43	Resp:	26918
Ion	Ratio	Lower	Upper
43	100		
58	36.5	44.3	66.5#
57	32.7	15.3	22.9#
100	1.0	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.865 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU033935.D
 Acq: 23 Aug 2019 12:20

Tgt Ion:	75	Resp:	27566
Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.8	38.8

