

Data File : VU033940.D
Acq On : 23 Aug 2019 14:17
Operator : JC/SP
Sample : K4485-15DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B93DL

Quant Time: Aug 26 06:58:13 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	552761	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	566161	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	226307	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213011	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.88%
7) Chloroethane-d5	1.67	69	183649	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.52%
11) 1,1-Dichloroethene-d2	2.25	63	310391	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.00%
21) 2-Butanone-d5	4.15	46	302326	92.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	4.62	84	375519	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.28	65	260952	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
32) Benzene-d6	5.32	84	775307	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.31	67	257583	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.55	98	667482	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%
43) trans-1,3-Dichloropropene-	7.83	79	109092	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.58%
47) 2-Hexanone-d5	8.29	63	178439	82.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	343073	46.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.32%
64) 1,2-Dichlorobenzene-d4	11.84	152	240301	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%

Target Compounds

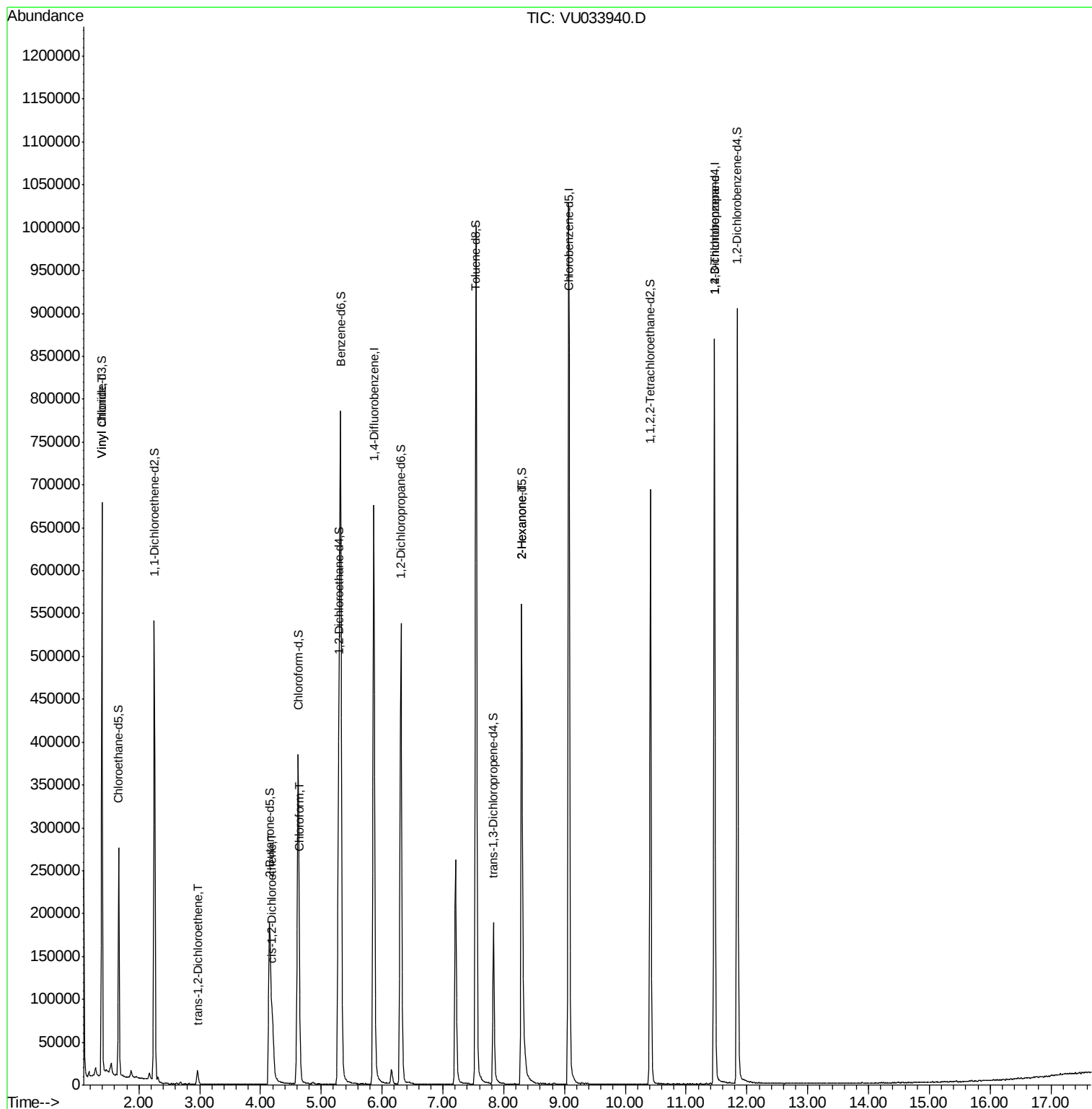
					Qvalue
5) Vinyl chloride	1.39	62	224187	38.817 ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	6798	1.698 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	30073	6.823 ug/L	99
25) Chloroform	4.65	83	10837	1.371 ug/L	100
48) 2-Hexanone	8.30	43	25982	4.988 ug/L #	78
59) 1,2,3-Trichloropropane	11.47	75	28225	4.715 ug/L	92

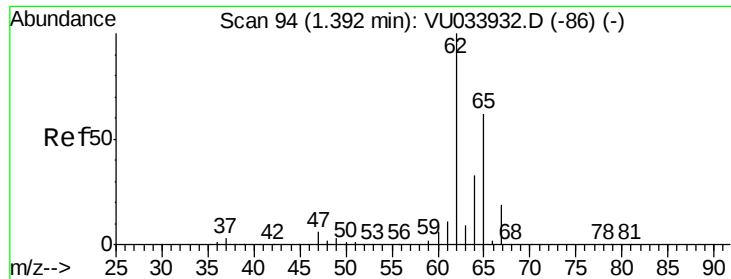
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 38.817 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

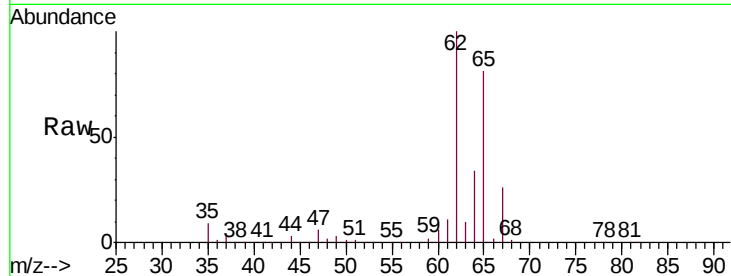
F2B93DL

Tgt Ion: 62 Resp: 224187

Ion Ratio Lower Upper

62 100

64 34.3 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU033940.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU033940.D (-1) (-)

1.39

200000

150000

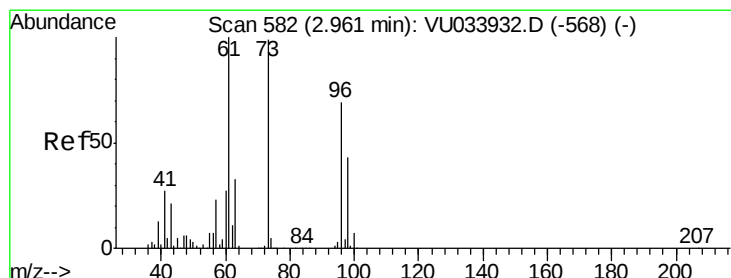
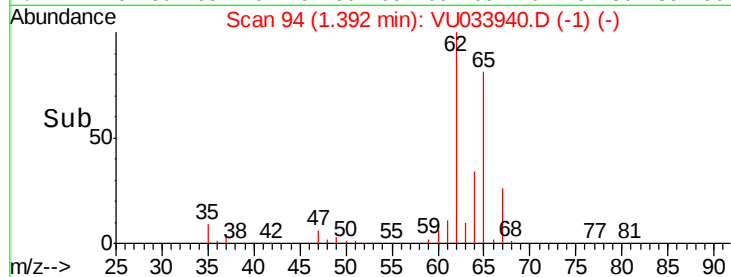
100000

50000

0

1.35 1.40 1.45

Time-->



#17

trans-1,2-Dichloroethene

Concen: 1.698 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033940.D

Acq: 23 Aug 2019 14:17

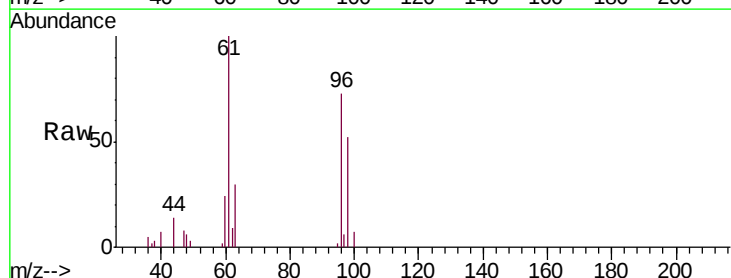
Tgt Ion: 96 Resp: 6798

Ion Ratio Lower Upper

96 100

61 137.1 101.2 187.8

98 71.1 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU033940.D (-489) (-)

Ion 61.00 (60.70 to 61.70): VU033940.D (-489) (-)

Ion 98.00 (97.70 to 98.70): VU033940.D (-489) (-)

2.96

6000

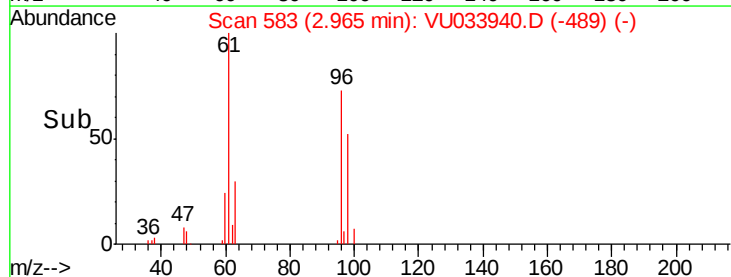
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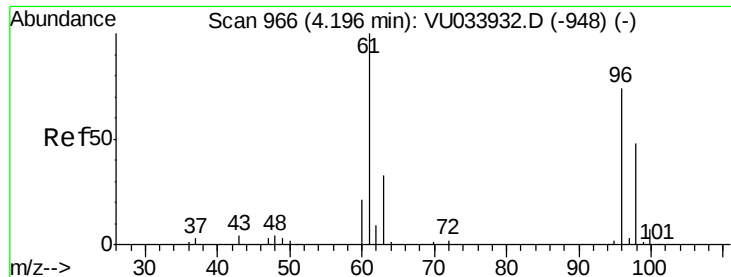
2000

0

2.90 2.95 3.00

Time-->

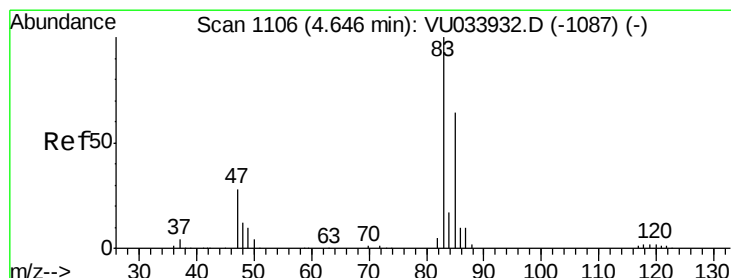
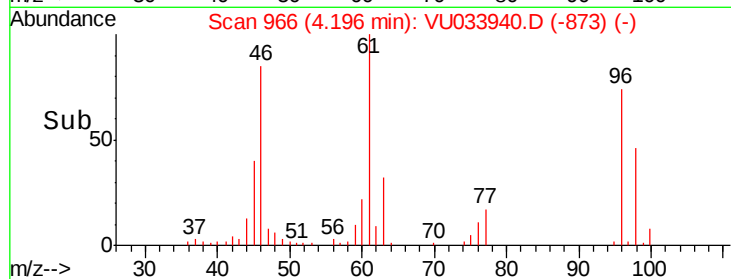
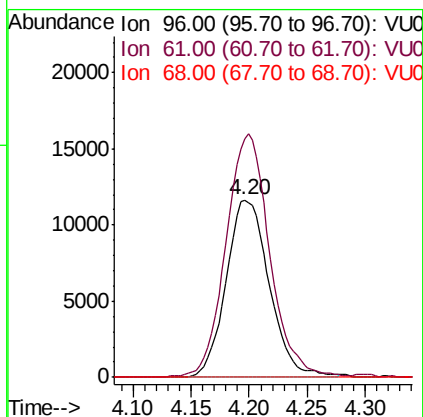
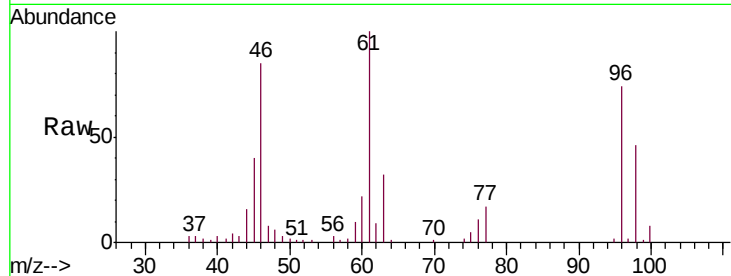




#20
 cis-1,2-Dichloroethene
 Concen: 6.823 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033940.D
 Acq: 23 Aug 2019 14:17

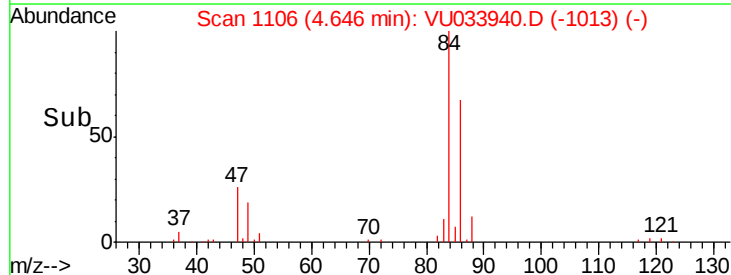
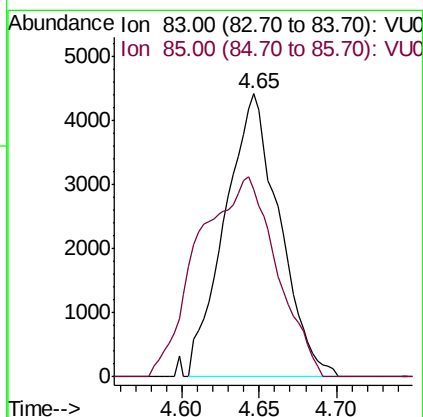
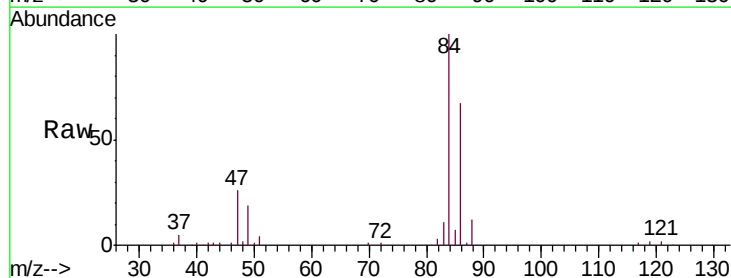
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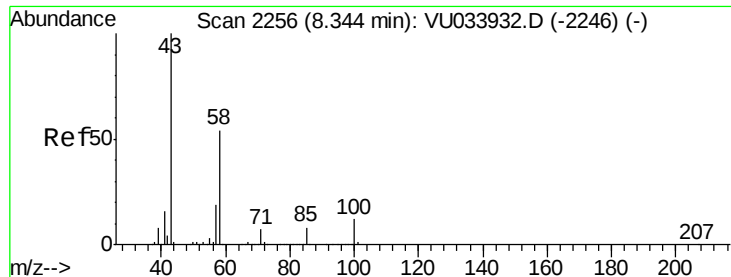
Tgt Ion: 96 Resp: 30073
 Ion Ratio Lower Upper
 96 100
 61 134.8 95.5 177.4
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.371 ug/L
 RT: 4.65 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VU033940.D
 Acq: 23 Aug 2019 14:17

Tgt Ion: 83 Resp: 10837
 Ion Ratio Lower Upper
 83 100
 85 66.3 46.2 85.8

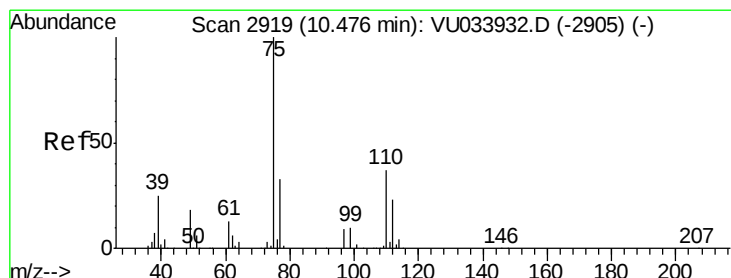
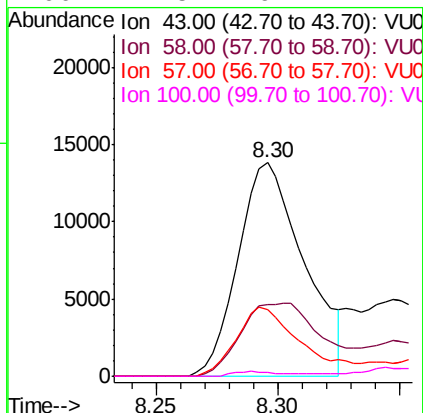
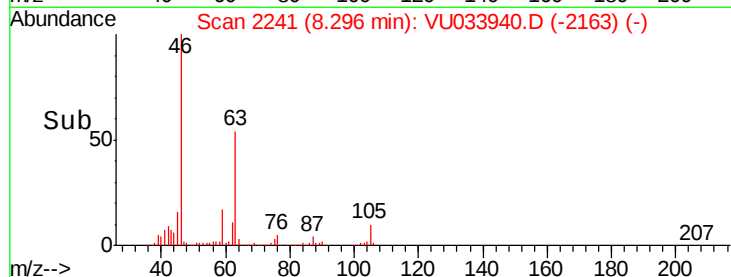
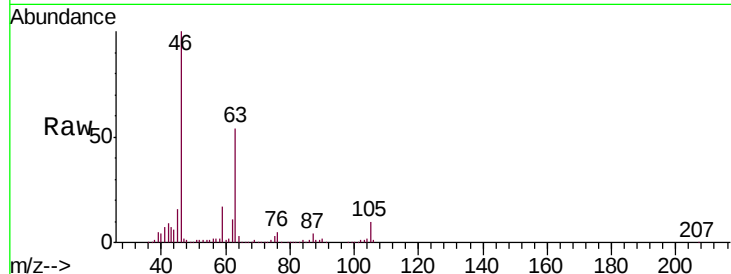




#48
 2-Hexanone
 Concen: 4.988 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033940.D
 Acq: 23 Aug 2019 14:17

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Tgt Ion: 43 Resp: 25982
 Ion Ratio Lower Upper
 43 100
 58 42.1 44.3 66.5#
 57 32.1 15.3 22.9#
 100 1.5 9.4 14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.715 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033940.D
 Acq: 23 Aug 2019 14:17

Tgt Ion: 75 Resp: 28225
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.8 38.8

