

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033726.D
 Acq On : 10 Aug 2019 14:30
 Operator : JC/SP
 Sample : K4202-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B27RE

Quant Time: Aug 11 04:28:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:24:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	290961	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	284752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41461	19.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	38.72%#
7) Chloroethane-d5	1.67	69	45399	21.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.30%#
11) 1,1-Dichloroethene-d2	2.26	63	55602	15.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	30.88%#
21) 2-Butanone-d5	4.15	46	185433	139.65	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.65%#
24) Chloroform-d	4.62	84	130430	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.98%
26) 1,2-Dichloroethane-d4	5.29	65	86179	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
32) Benzene-d6	5.32	84	205045	30.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.02%#
36) 1,2-Dichloropropane-d6	6.31	67	85089	41.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.52%
41) Toluene-d8	7.55	98	161175	25.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	51.00%#
43) trans-1,3-Dichloropropene-	7.83	79	37213	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
47) 2-Hexanone-d5	8.29	63	131077	122.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165827	54.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.72%
64) 1,2-Dichlorobenzene-d4	11.84	152	98128	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%

Target Compounds

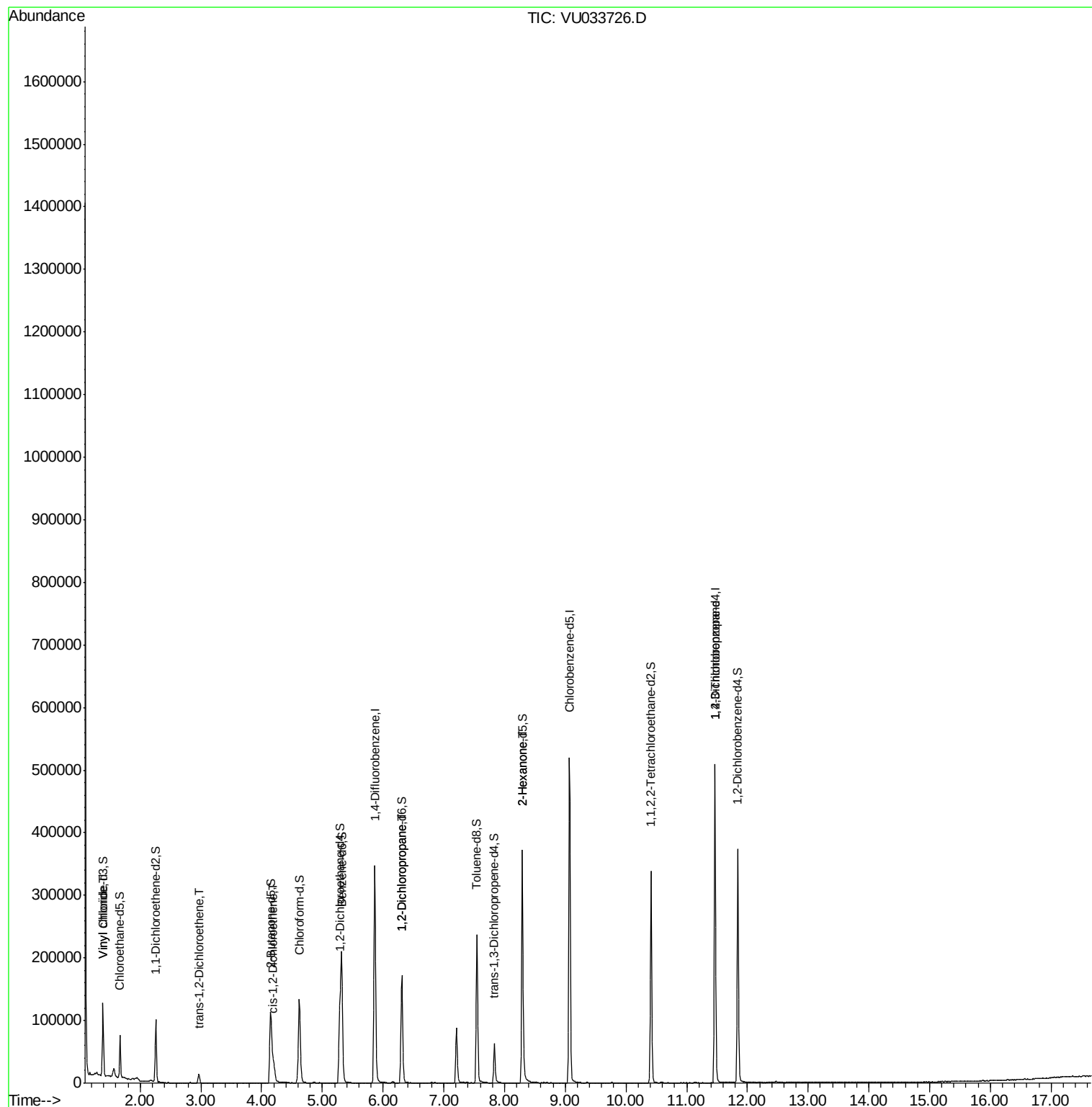
					Qvalue
5) Vinyl chloride	1.39	62	35959	14.681 ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	5884	3.209 ug/L	92
20) cis-1,2-Dichloroethene	4.20	96	14058	6.721 ug/L	98
37) 1,2-Dichloropropane	6.31	63	9167	4.335 ug/L #	88
48) 2-Hexanone	8.29	43	14784	5.970 ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	15818	5.533 ug/L #	88

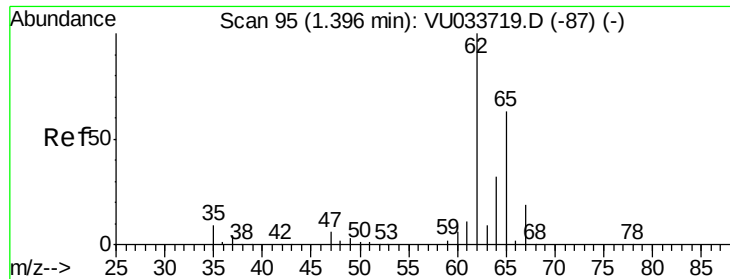
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Aug 11 04:24:38 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 14.681 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033726.D

Acq: 10 Aug 2019 14:30

Instrument :

MSVOA_U

ClientSampleId :

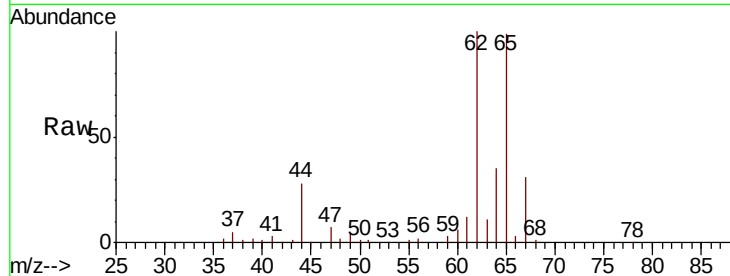
F2B27RE

Tgt Ion: 62 Resp: 35959

Ion Ratio Lower Upper

62 100

64 35.5 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.39

30000

20000

10000

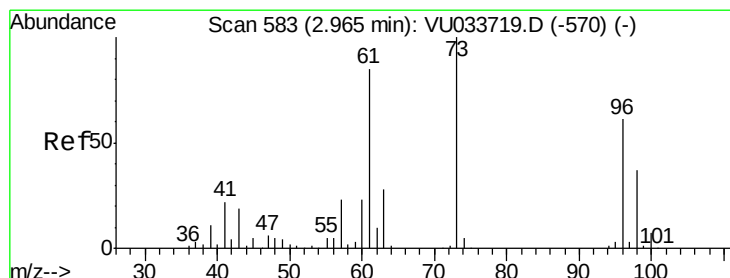
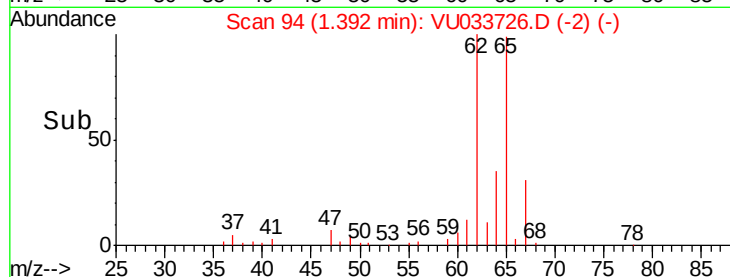
0

Time-->

1.35

1.40

1.45



#17

trans-1,2-Dichloroethene

Concen: 3.209 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033726.D

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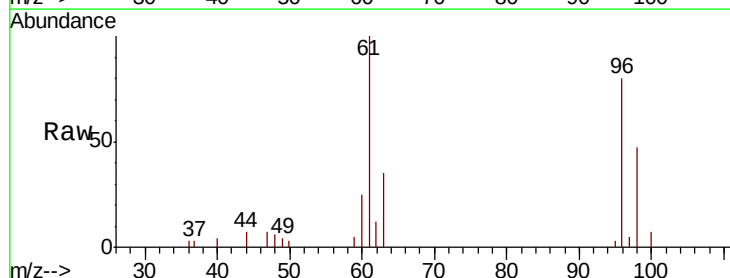
Tgt Ion: 96 Resp: 5884

Ion Ratio Lower Upper

96 100

61 125.2 95.6 177.6

98 59.3 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

2.96

5000

4000

3000

2000

1000

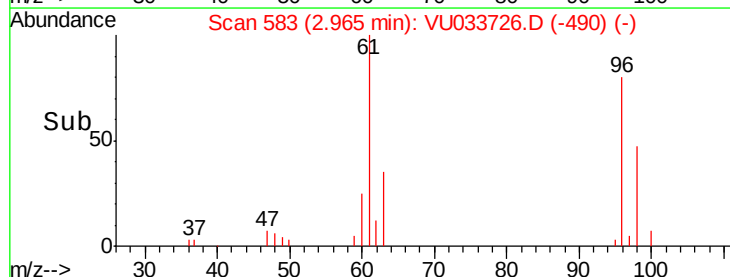
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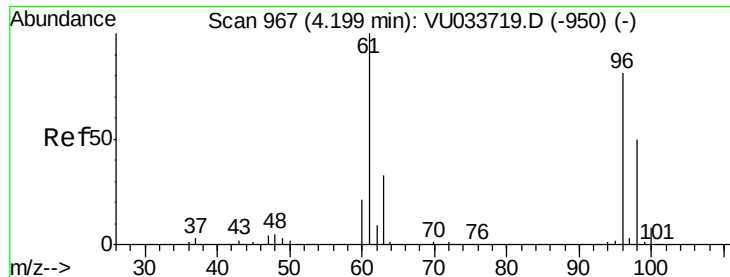
Time-->

2.90

2.95

3.00

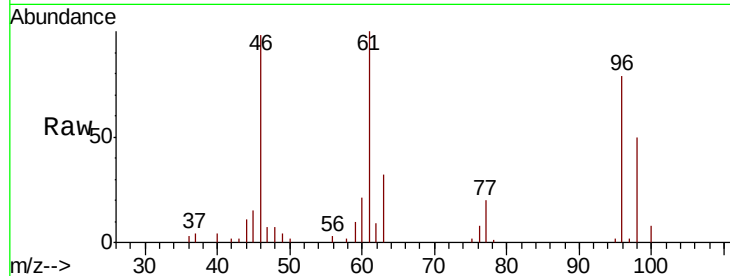




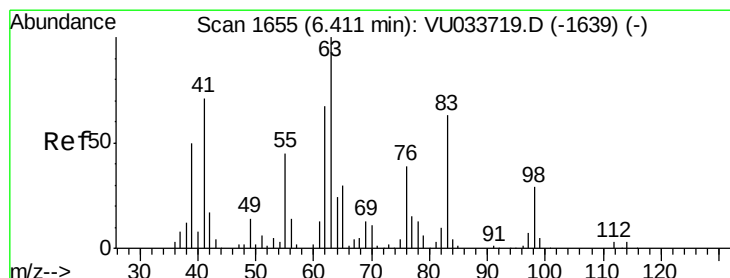
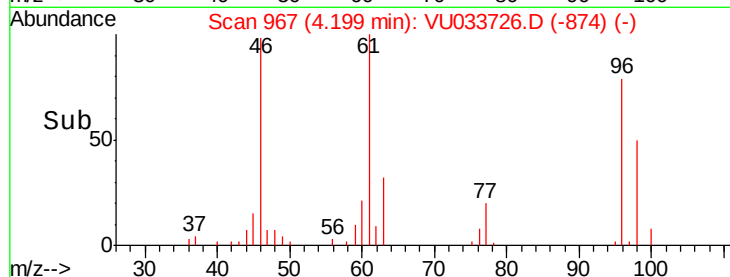
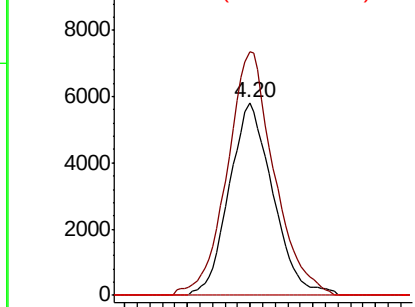
#20
 cis-1,2-Dichloroethene
 Concen: 6.721 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033726.D
 Acq: 10 Aug 2019 14:30

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B27RE

Tgt Ion: 96 Resp: 14058
 Ion Ratio Lower Upper
 96 100
 61 126.4 87.0 161.6
 68 0.0 0.0 0.0

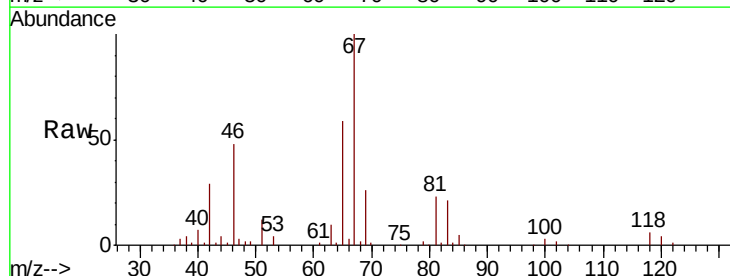


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

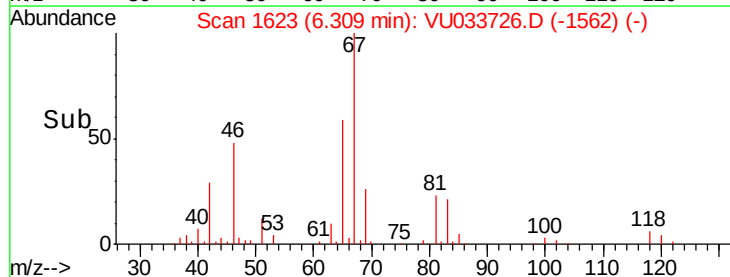
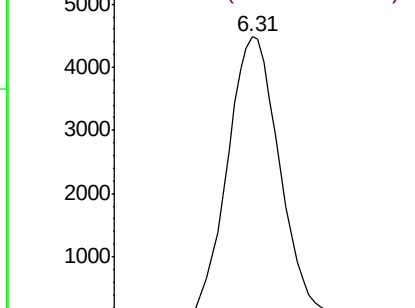


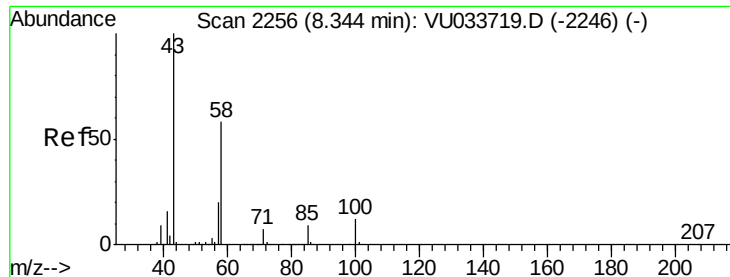
#37
 1,2-Dichloropropane
 Concen: 4.335 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033726.D
 Acq: 10 Aug 2019 14:30

Tgt Ion: 63 Resp: 9167
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

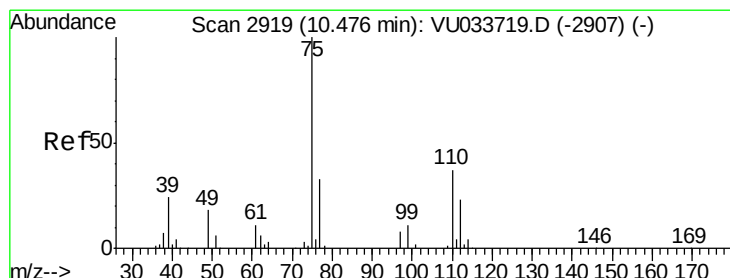
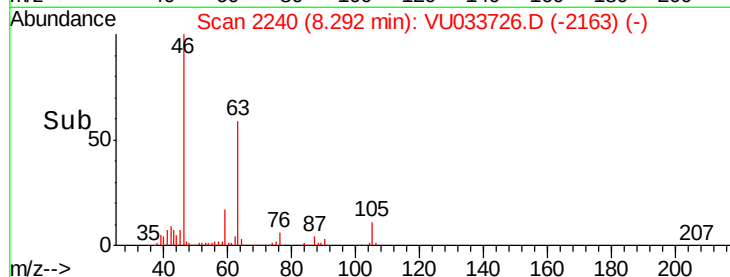
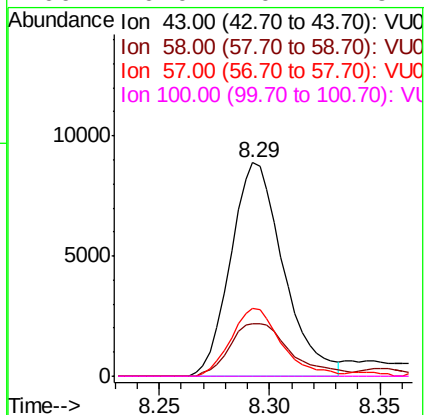
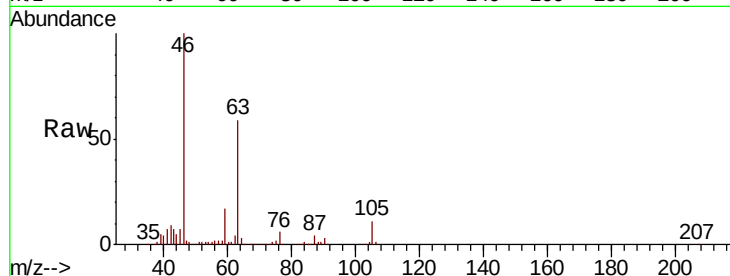




#48
 2-Hexanone
 Concen: 5.970 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033726.D
 Acq: 10 Aug 2019 14:30

Instrument :
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 F2B27RE

Tgt Ion: 43 Resp: 14784
 Ion Ratio Lower Upper
 43 100
 58 28.4 46.6 70.0#
 57 30.2 16.2 24.4#
 100 0.0 10.1 15.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.533 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033726.D
 Acq: 10 Aug 2019 14:30

Tgt Ion: 75 Resp: 15818
 Ion Ratio Lower Upper
 75 100
 77 40.0 26.4 39.6#

