

Data File : VU036921.D
Acq On : 26 Feb 2020 17:34
Operator : JC/MD
Sample : L1687-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS9

Quant Time: Feb 27 04:51:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255618	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	240989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	92754	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92519	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	84057	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.64%
11) 1,1-Dichloroethene-d2	2.59	63	121281	33.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.48%
21) 2-Butanone-d5	4.67	46	156726	108.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.85%
24) Chloroform-d	5.11	84	158395	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.74	65	112047	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
32) Benzene-d6	5.76	84	343562	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.72	67	114002	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.98%
41) Toluene-d8	7.92	98	308912	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	8.20	79	49613	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.56%
47) 2-Hexanone-d5	8.66	63	111318	100.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158964	49.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.88%
64) 1,2-Dichlorobenzene-d4	12.21	152	93129	51.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.72%

Target Compounds

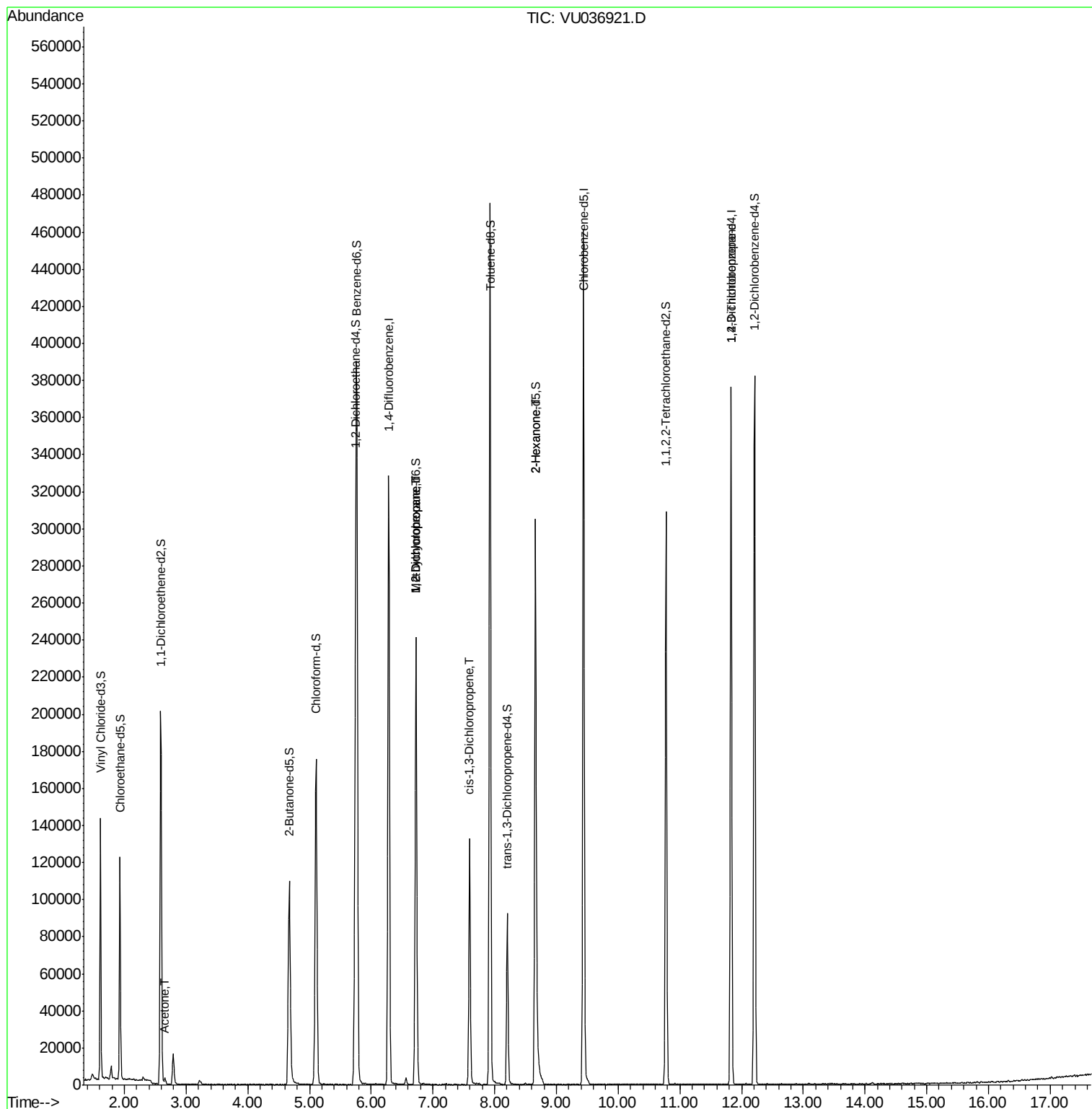
					Qvalue
13) Acetone	2.65	43	3524	2.379 ug/L	98
35) Methylcyclohexane	6.73	83	25556	7.877 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12504	6.100 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3108	0.984 ug/L #	75
48) 2-Hexanone	8.66	43	13292	5.514 ug/L #	73
59) 1,2,3-Trichloropropane	11.83	75	13486	5.114 ug/L	89

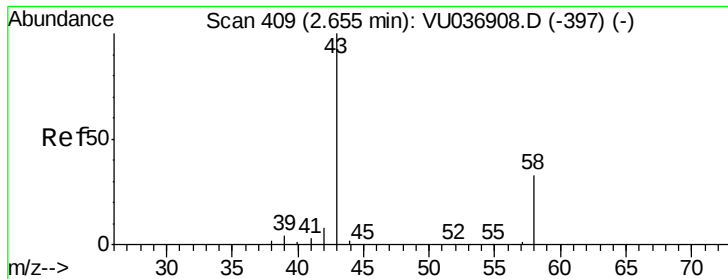
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.379 ug/L

RT: 2.65 min Scan# 409

Delta R.T. -0.00 min

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Acq: 26 Feb 2020 17:34

Instrument :

MSVOA_U

ClientSampleId :

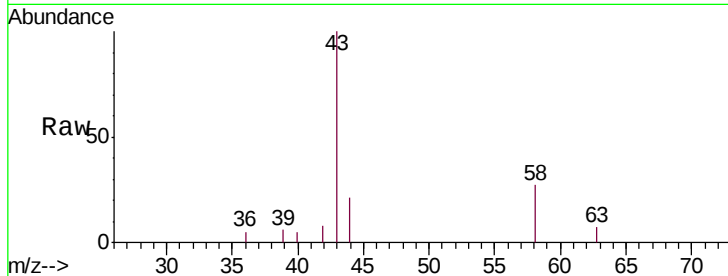
C0AS9

Tgt Ion: 43 Resp: 3524

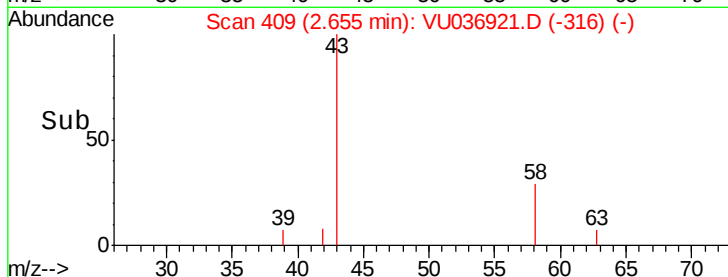
Ion Ratio Lower Upper

43 100

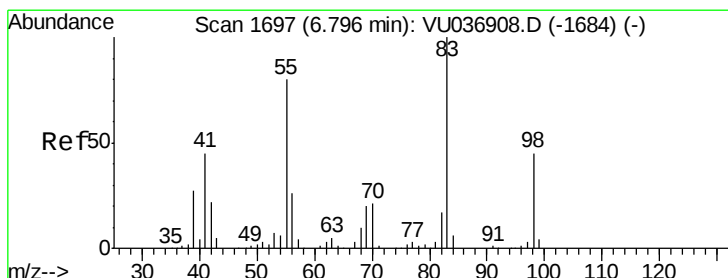
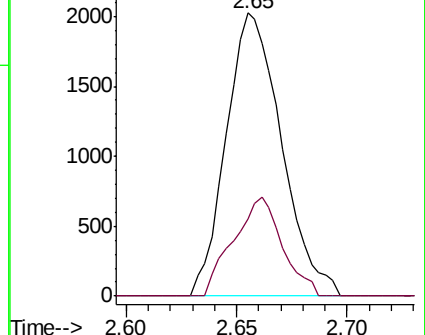
58 31.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036921.D (-316) (-)



Ion 58.00 (57.70 to 58.70): VU036921.D (-316) (-)



#35

Methylcyclohexane

Concen: 7.877 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036921.D

Acq: 26 Feb 2020 17:34

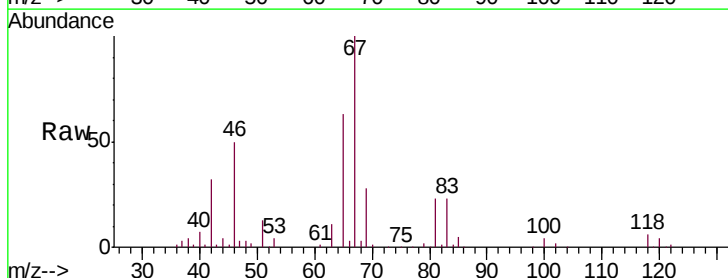
Tgt Ion: 83 Resp: 25556

Ion Ratio Lower Upper

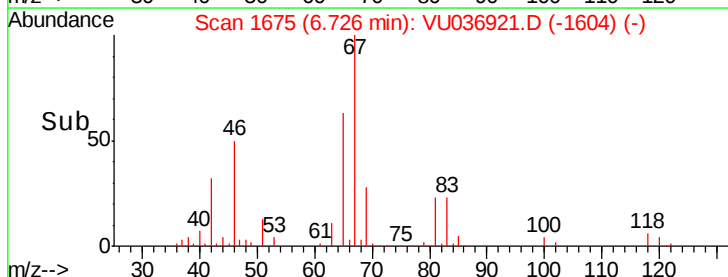
83 100

55 0.0 62.6 93.8#

98 1.2 35.1 52.7#

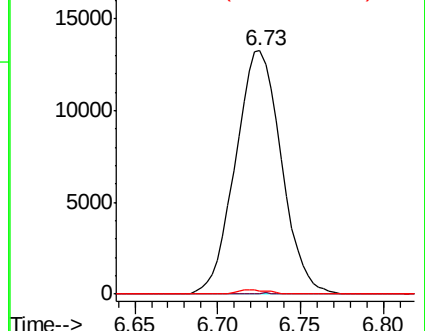


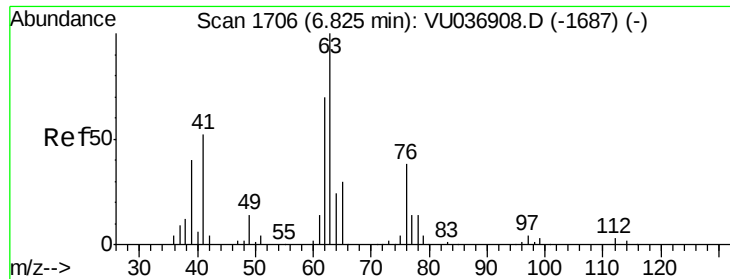
Abundance Ion 83.00 (82.70 to 83.70): VU036921.D (-1604) (-)



Ion 55.00 (54.70 to 55.70): VU036921.D (-1604) (-)

Ion 98.00 (97.70 to 98.70): VU036921.D (-1604) (-)

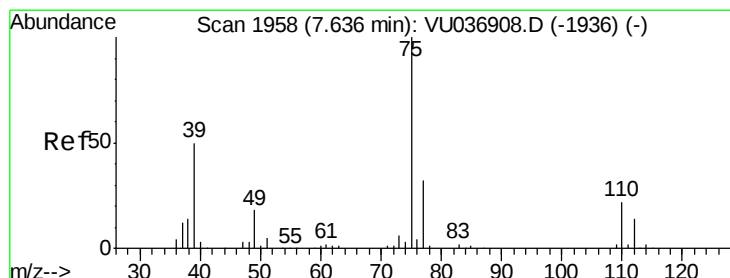
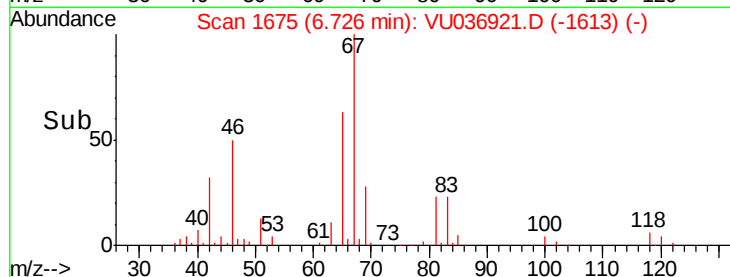
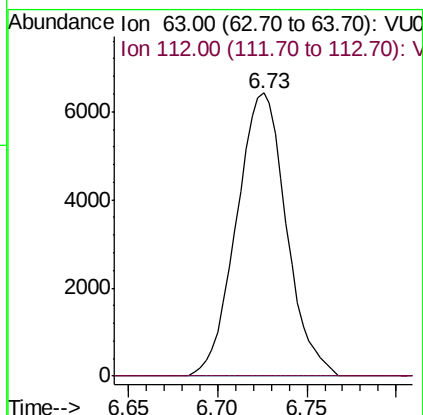
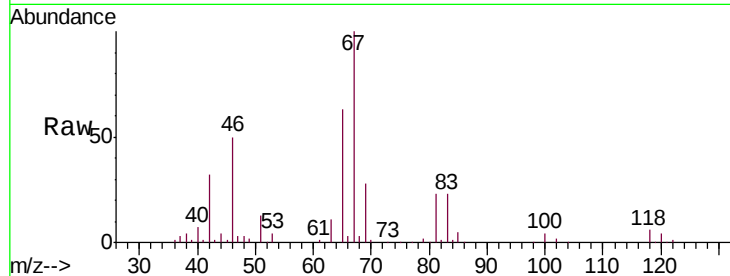




#37
 1,2-Dichloropropane
 Concen: 6.100 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036921.D
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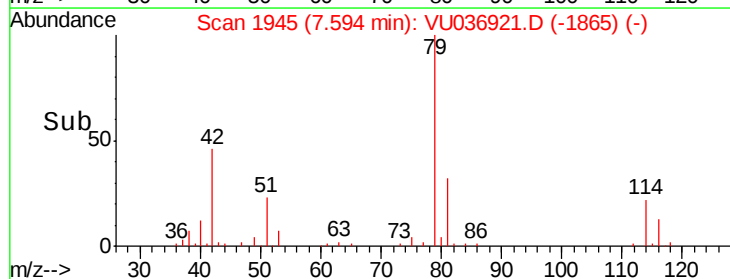
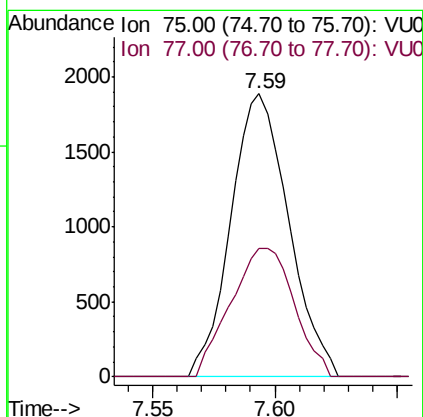
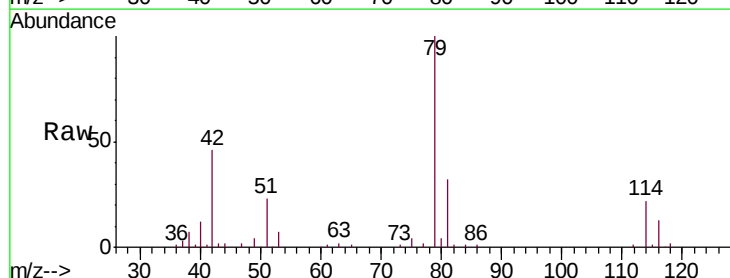
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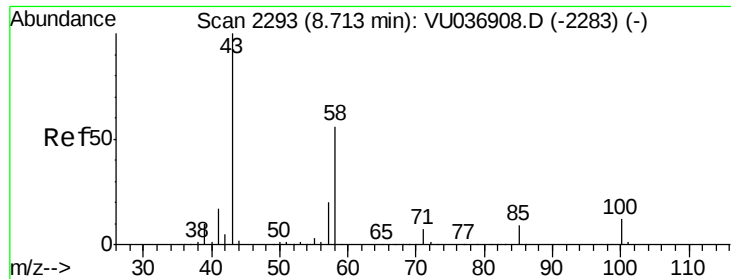
Tgt Ion: 63 Resp: 12504
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.984 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036921.D
 Acq: 26 Feb 2020 17:34

Tgt Ion: 75 Resp: 3108
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.0 41.0#

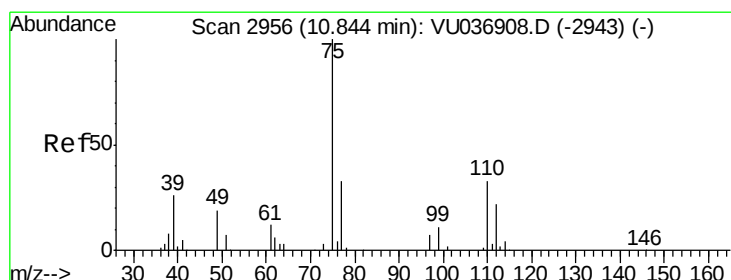
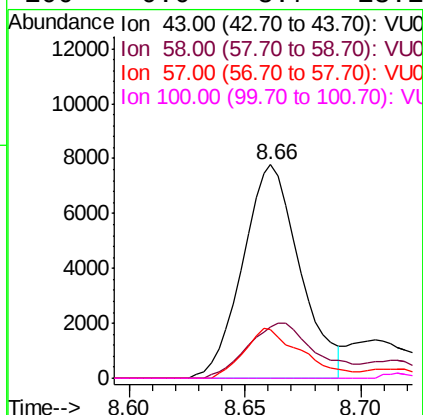
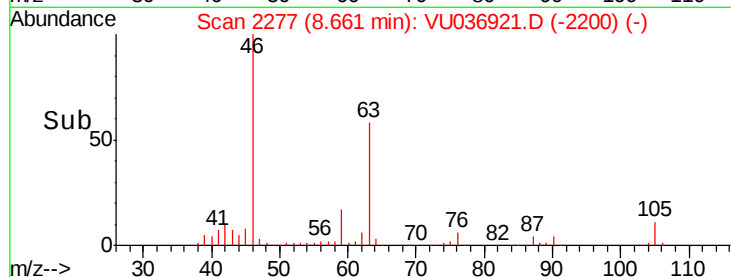
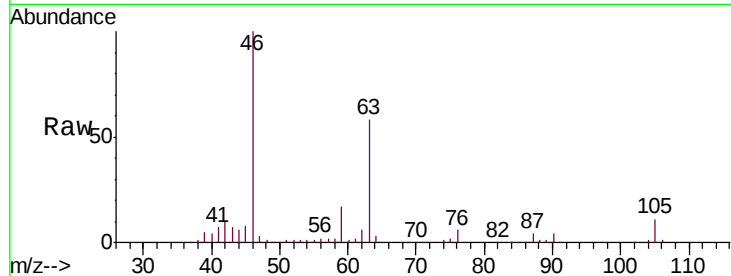




#48
2-Hexanone
Concen: 5.514 ug/L
RT: 8.66 min Scan# 2277
Delta R.T. -0.05 min
Lab File: VU036921.D
Acq: 26 Feb 2020 17:34

Instrument :
MSVOA_U
ClientSampleId :
C0AS9

Tgt Ion: 43 Resp: 13292
Ion Ratio Lower Upper
43 100
58 31.4 43.5 65.3#
57 23.9 15.1 22.7#
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.114 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.98 min
Lab File: VU036921.D
Acq: 26 Feb 2020 17:34

Tgt Ion: 75 Resp: 13486
Ion Ratio Lower Upper
75 100
77 39.0 26.2 39.2

