

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037085.D
 Acq On : 05 Mar 2020 15:50
 Operator : JC/MD
 Sample : L1780-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ2

Quant Time: Mar 05 22:39:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	250200	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238017	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78303	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.93	69	80376	46.23	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.46%
11) 1,1-Dichloroethene-d2	2.59	63	111578	31.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.42%
21) 2-Butanone-d5	4.67	46	148200	105.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.15%
24) Chloroform-d	5.11	84	156703	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
26) 1,2-Dichloroethane-d4	5.74	65	109969	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
32) Benzene-d6	5.76	84	329256	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
36) 1,2-Dichloropropane-d6	6.72	67	111016	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.92	98	290608	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%
43) trans-1,3-Dichloropropene-	8.20	79	44233	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.36%
47) 2-Hexanone-d5	8.66	63	98835	90.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.65%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157597	50.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.26%
64) 1,2-Dichlorobenzene-d4	12.21	152	88508	53.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.56%

Target Compounds

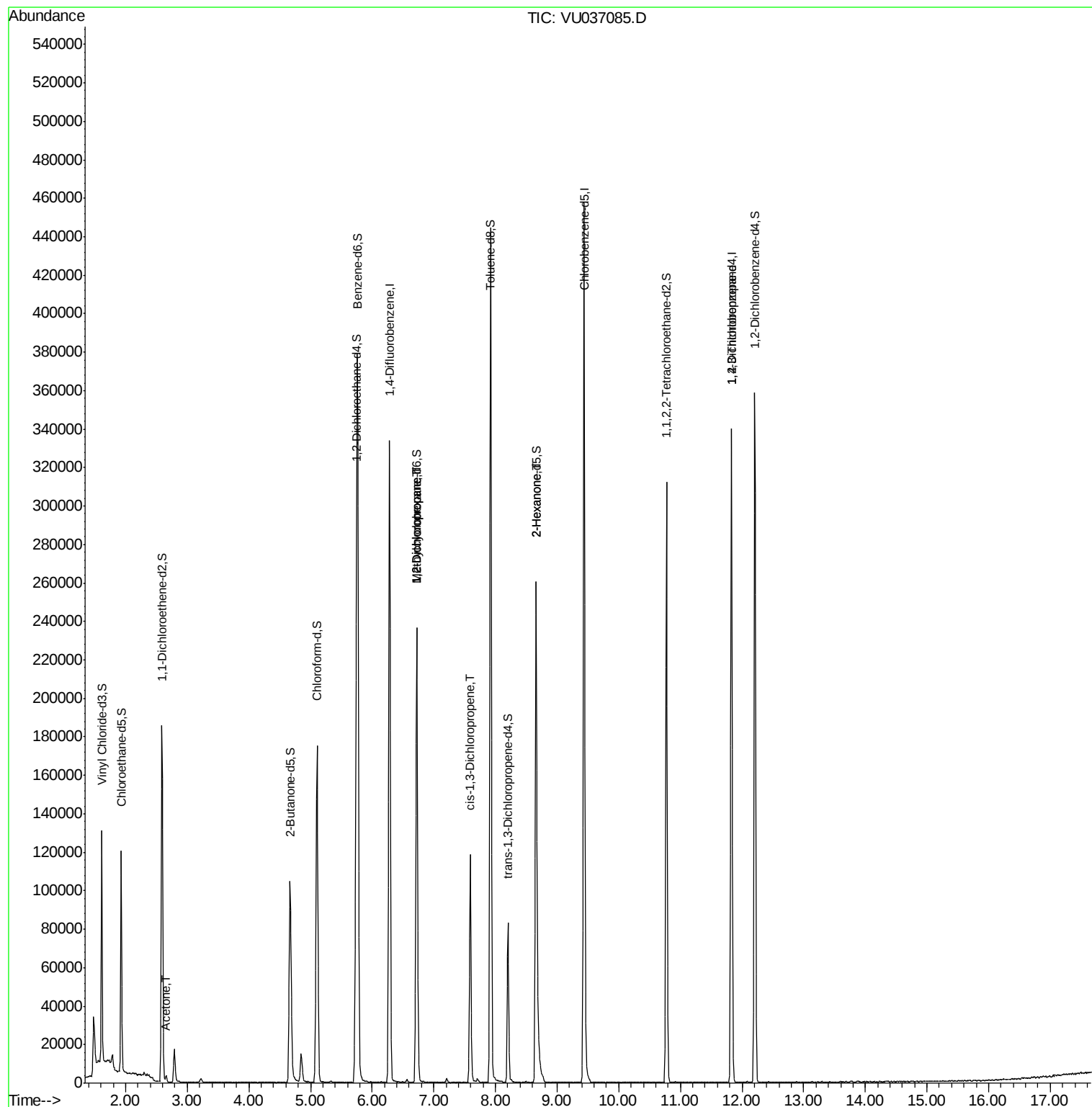
					Ovalue
13) Acetone	2.66	43	3524	2.431 ug/L	99
35) Methylcyclohexane	6.72	83	24379	7.608 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11899	5.877 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2882	0.924 ug/L #	64
48) 2-Hexanone	8.66	43	11378	4.779 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	13534	5.196 ug/L	94

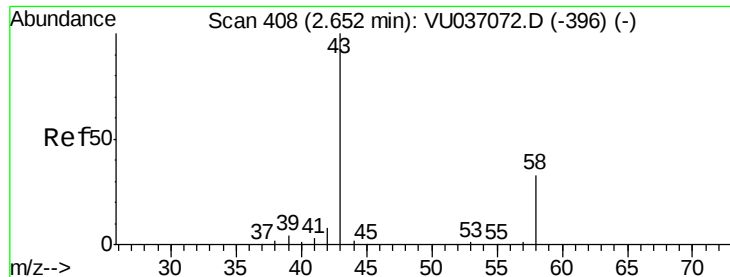
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.431 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037085.D

Acq: 05 Mar 2020 15:50

Instrument :

MSVOA_U

ClientSampleId :

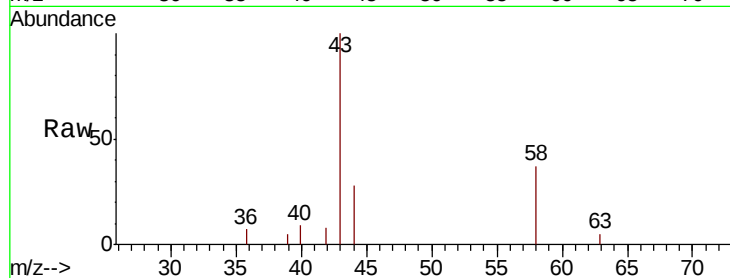
C0DJ2

Tot Ion: 43 Resp: 3524

Ion Ratio Lower Upper

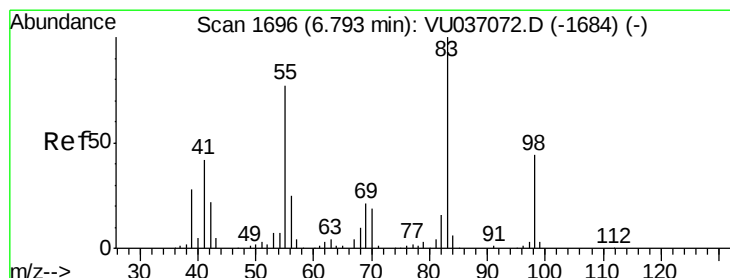
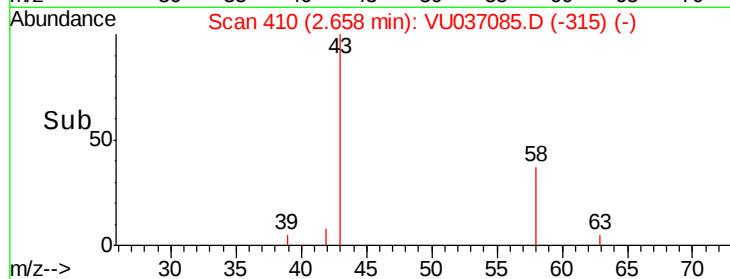
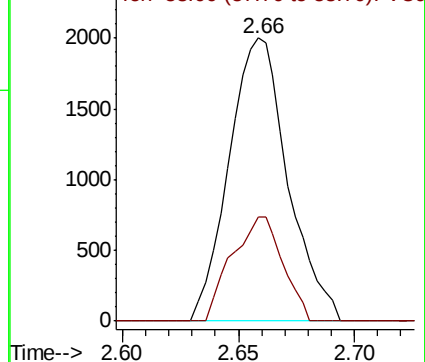
43 100

58 31.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037072.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037072.D (-396) (-)



#35

Methylcyclohexane

Concen: 7.608 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037085.D

Acq: 05 Mar 2020 15:50

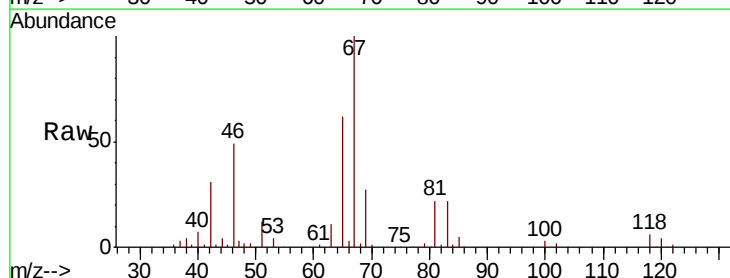
Tgt Ion: 83 Resp: 24379

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

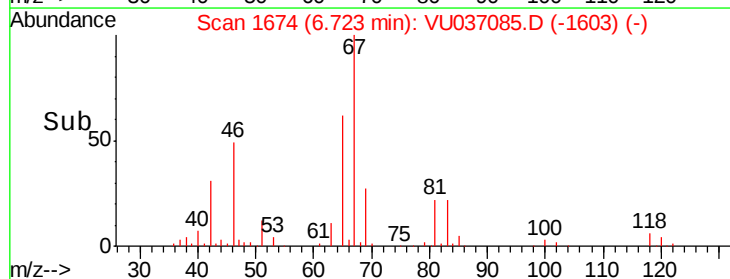
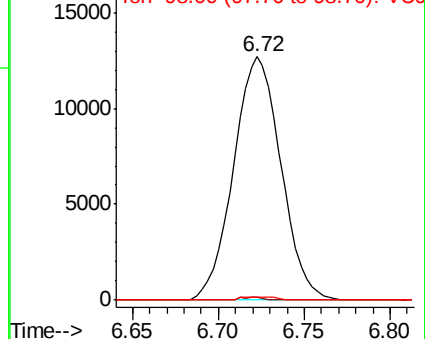
98 1.0 35.1 52.7#

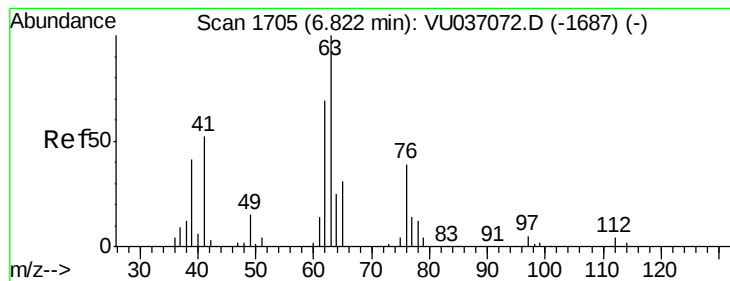


Abundance Ion 83.00 (82.70 to 83.70): VU037072.D (-1684) (-)

Ion 55.00 (54.70 to 55.70): VU037072.D (-1684) (-)

Ion 98.00 (97.70 to 98.70): VU037072.D (-1684) (-)





#37

1,2-Dichloropropane

Concen: 5.877 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037085.D

Acq: 05 Mar 2020 15:50

Instrument :

MSVOA_U

ClientSampleId :

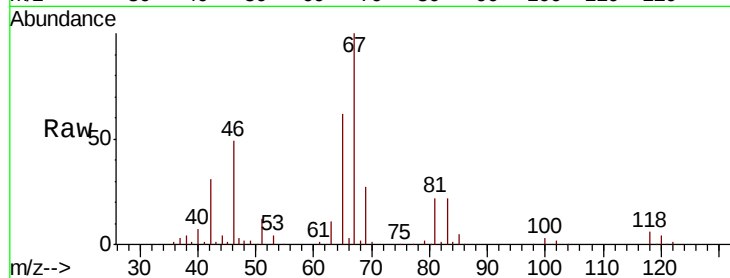
C0DJ2

Tot Ion: 63 Resp: 11899

Ion Ratio Lower Upper

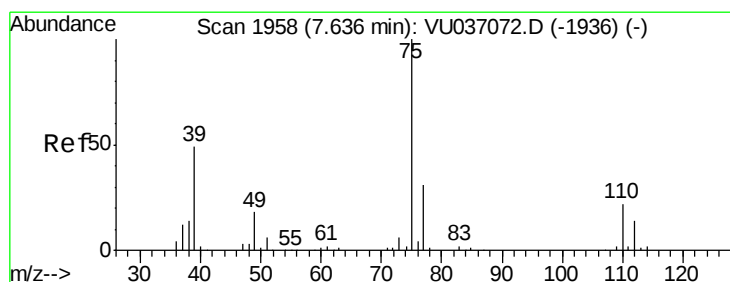
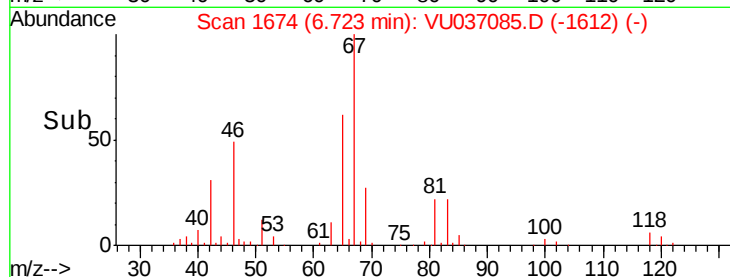
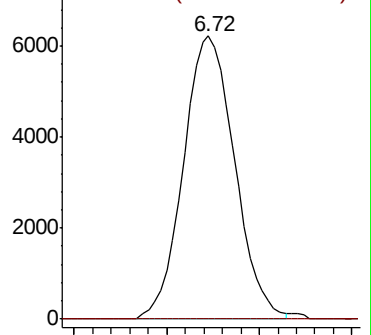
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU037072.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU037072.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.924 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037085.D

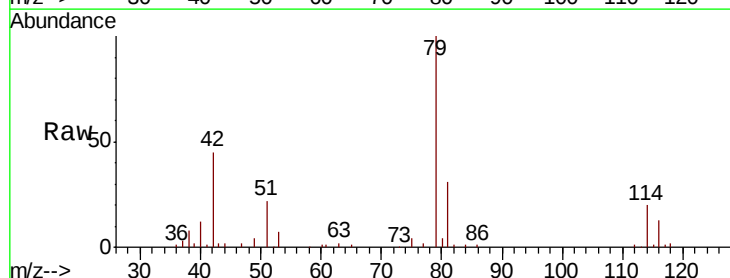
Acq: 05 Mar 2020 15:50

Tgt Ion: 75 Resp: 2882

Ion Ratio Lower Upper

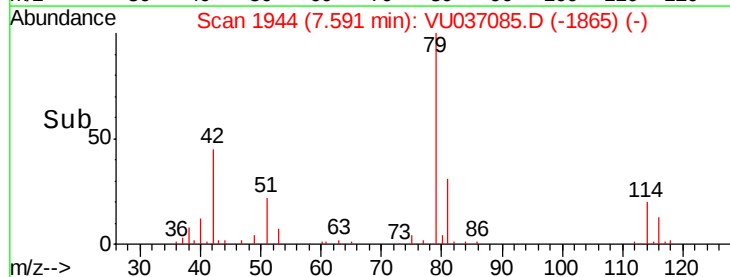
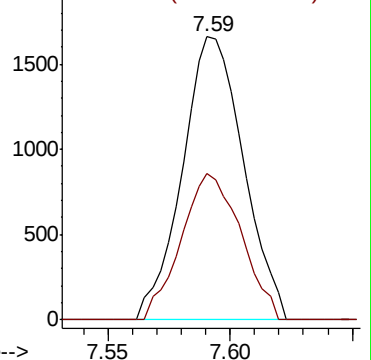
75 100

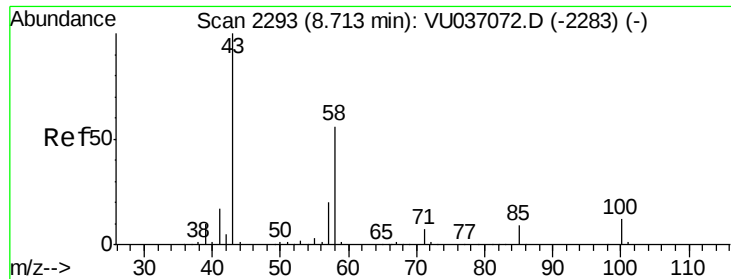
77 51.5 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037072.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU037072.D (-1936) (-)

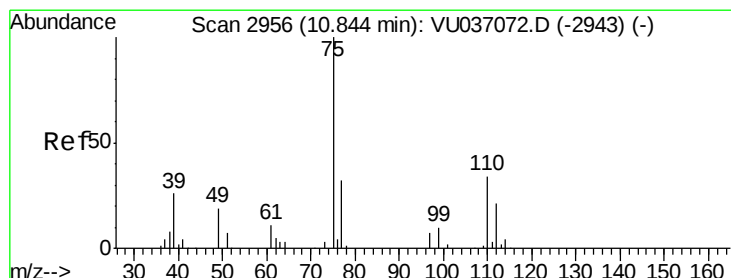
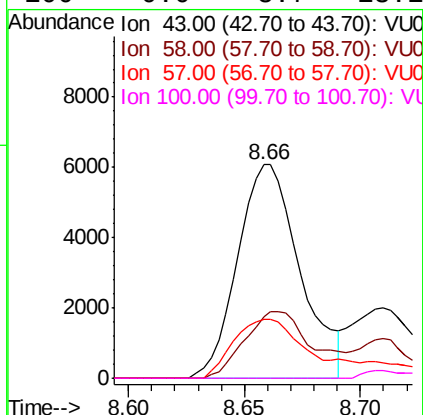
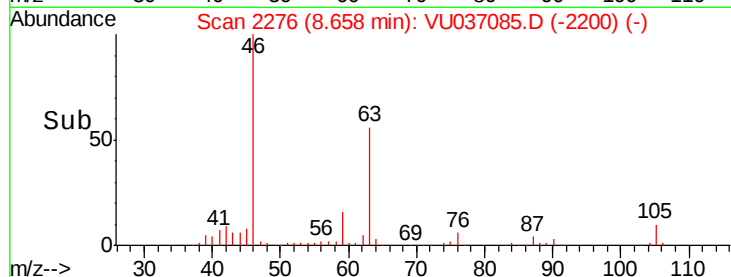
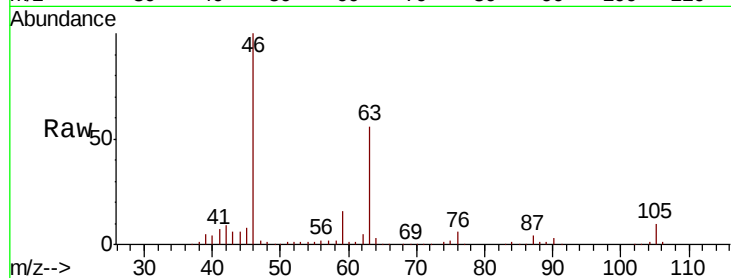




#48
 2-Hexanone
 Concen: 4.779 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU037085.D
 Acq: 05 Mar 2020 15:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ2

Tot Ion: 43 Resp: 11378
 Ion Ratio Lower Upper
 43 100
 58 29.0 43.5 65.3#
 57 30.0 15.1 22.7#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.196 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037085.D
 Acq: 05 Mar 2020 15:50

Tgt Ion: 75 Resp: 13534
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.2 39.2

