

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038421.D
 Acq On : 30 May 2020 18:20
 Operator : JC/MD
 Sample : L2766-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 02:41:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	334798	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	330103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	156954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100918	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	79618	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	147903	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.68	46	322649	49.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	5.10	84	187282	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	112295	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.76	84	391923	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	116762	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.92	98	331888	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	46122	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.65	63	275997	51.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99535	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	129961	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

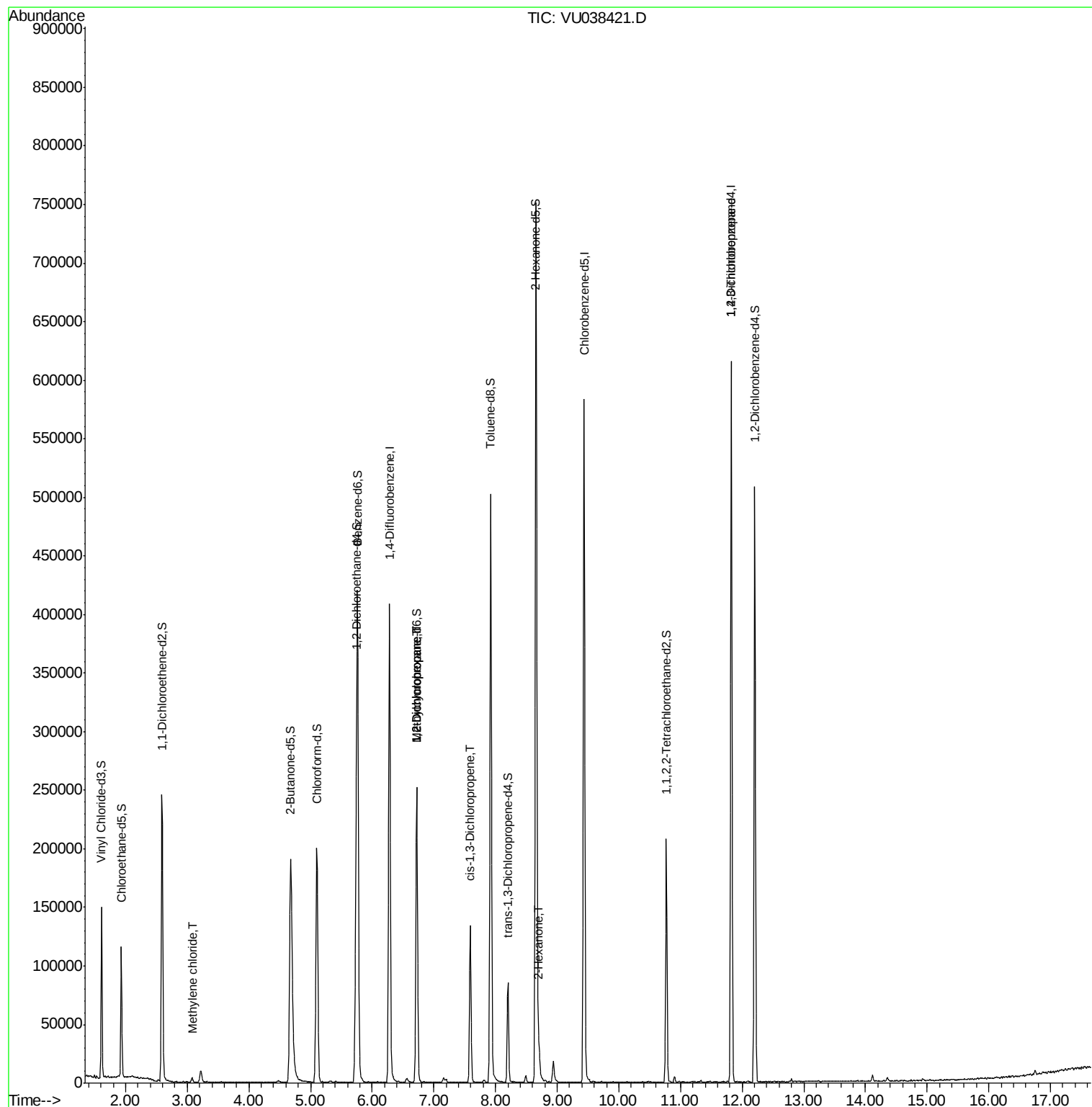
					Ovalue
16) Methylene chloride	3.08	84	1900	0.081 ug/L	90
35) Methylcyclohexane	6.72	83	28846	0.780 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13354	0.577 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3343	0.098 ug/L #	62
48) 2-Hexanone	8.70	43	12414	0.990 ug/L #	90
59) 1,2,3-Trichloropropane	11.82	75	19629	1.135 ug/L	90

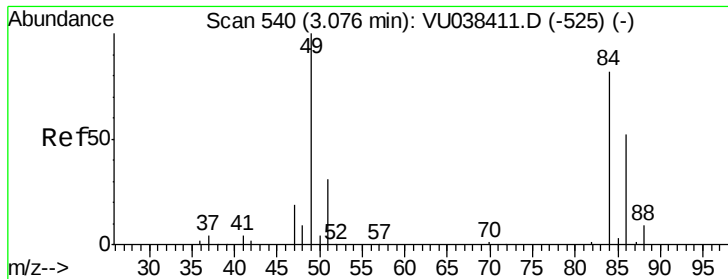
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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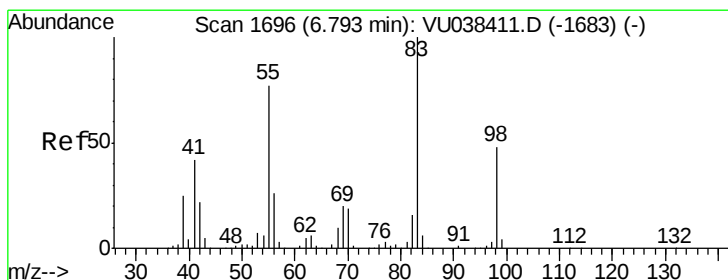
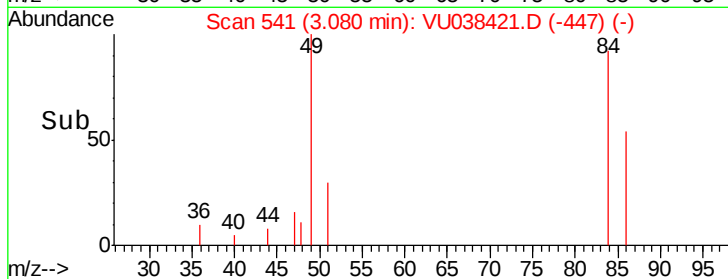
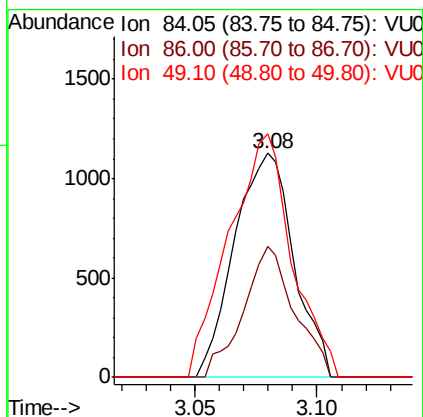
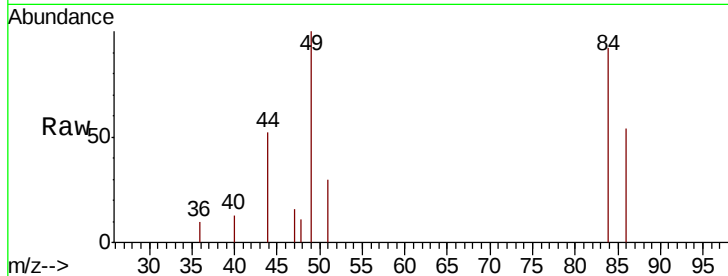




#16
Methvlene chloride
Concen: 0.081 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038421.D
Acq: 30 May 2020 18:20

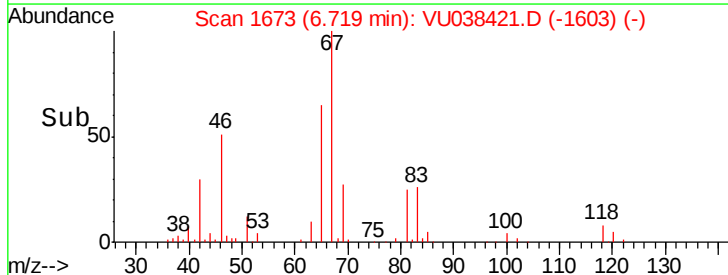
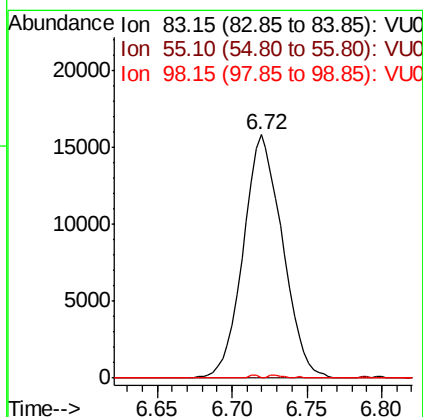
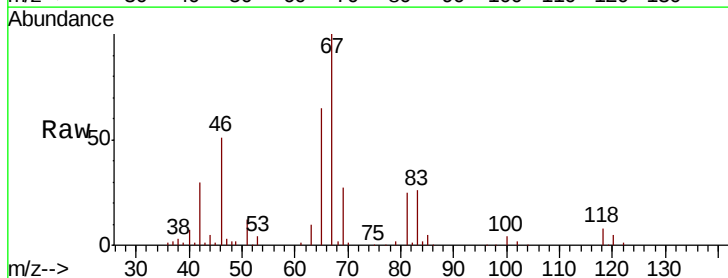
Instrument :
MSVOA_U
ClientSampleId :

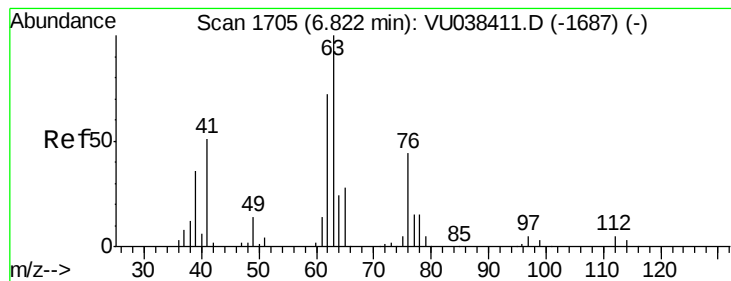
Tot Ion: 84 Resp: 1900
Ion Ratio Lower Upper
84 100
86 58.4 45.0 83.6
49 108.7 85.5 158.9



#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038421.D
Acq: 30 May 2020 18:20

Tgt Ion: 83 Resp: 28846
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.2 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038421.D

Acq: 30 May 2020 18:20

Instrument :

MSVOA_U

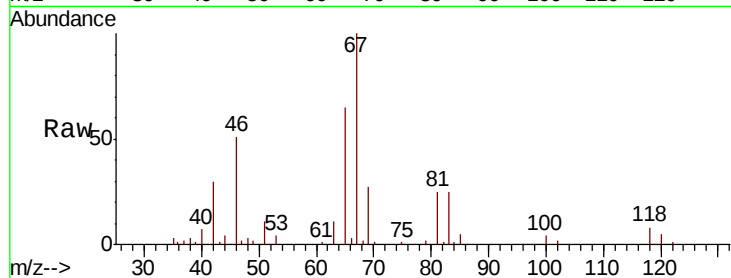
ClientSampleId :

Tot Ion: 63 Resp: 13354

Ion Ratio Lower Upper

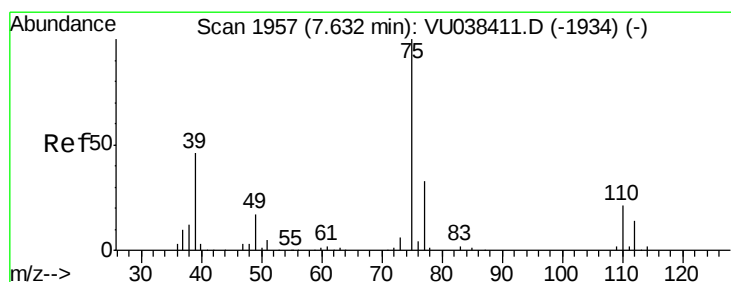
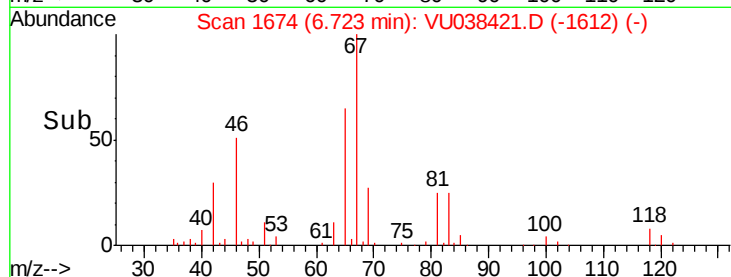
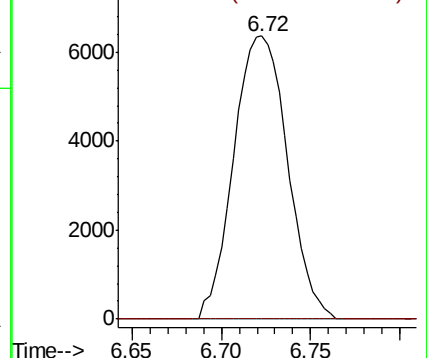
63 100

112 0.3 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038421.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU038421.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038421.D

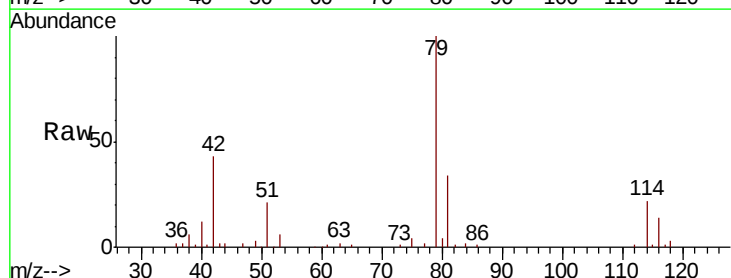
Acq: 30 May 2020 18:20

Tgt Ion: 75 Resp: 3343

Ion Ratio Lower Upper

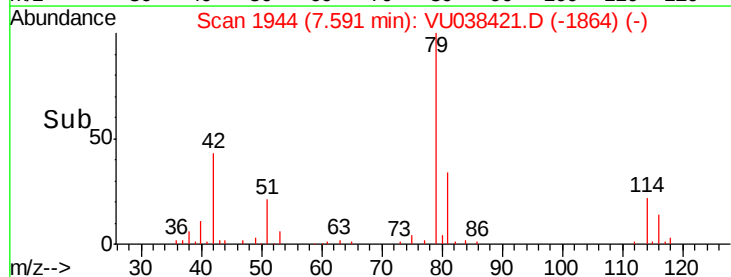
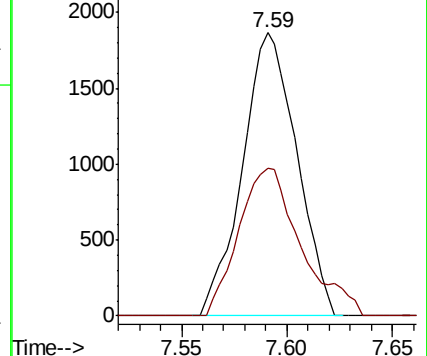
75 100

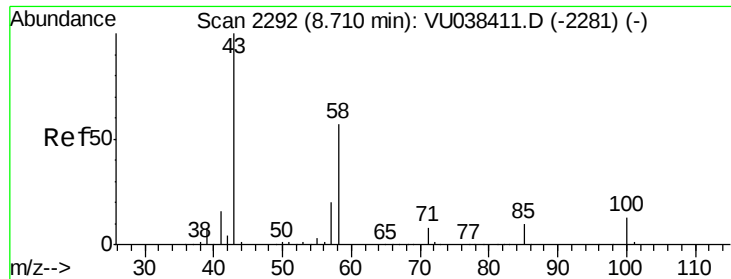
77 52.1 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038421.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038421.D (-1864) (-)

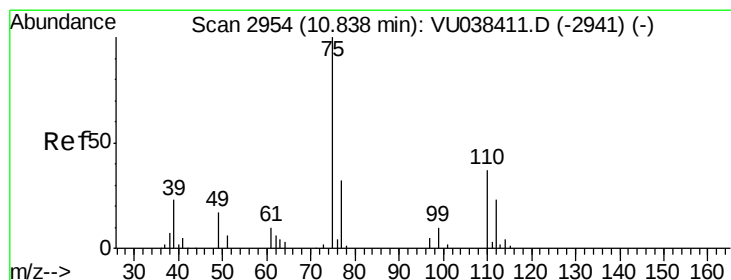
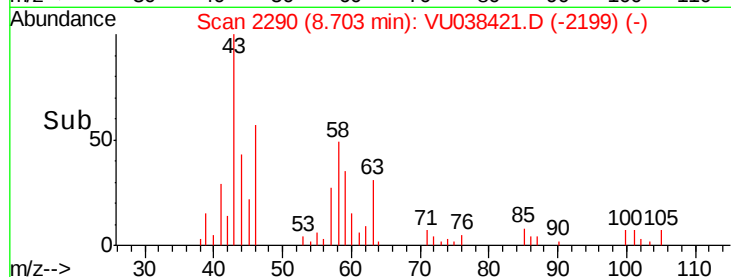
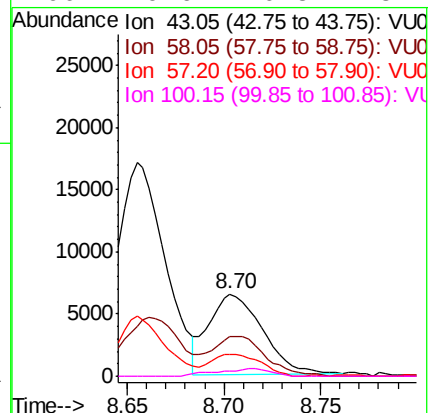
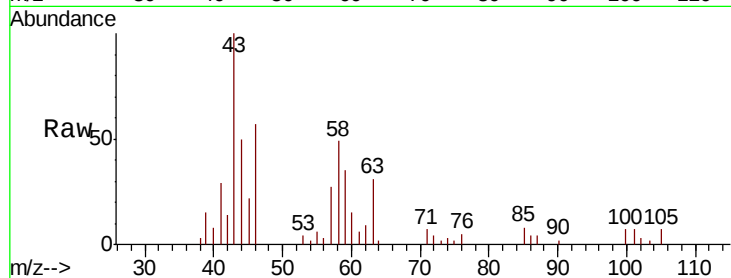




#48
2-Hexanone
Concen: 0.990 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038421.D
Acq: 30 May 2020 18:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 12414
Ion Ratio Lower Upper
43 100
58 49.3 45.4 68.0
57 25.4 15.9 23.9#
100 9.6 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.135 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038421.D
Acq: 30 May 2020 18:20

Tgt Ion: 75 Resp: 19629
Ion Ratio Lower Upper
75 100
77 37.5 25.4 38.2

