

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032020\
 Data File : VU037356.D
 Acq On : 20 Mar 2020 20:11
 Operator : JC/MD
 Sample : VU0320WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 21 00:42:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 21 00:40:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	145121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	144639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	65094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45431	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	38688	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	63164	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.68	46	117260	51.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.68%
24) Chloroform-d	5.11	84	93741	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	56632	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	168648	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	54829	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.92	98	155779	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.21	79	24872	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.66	63	103640	54.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	46925	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	60353	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

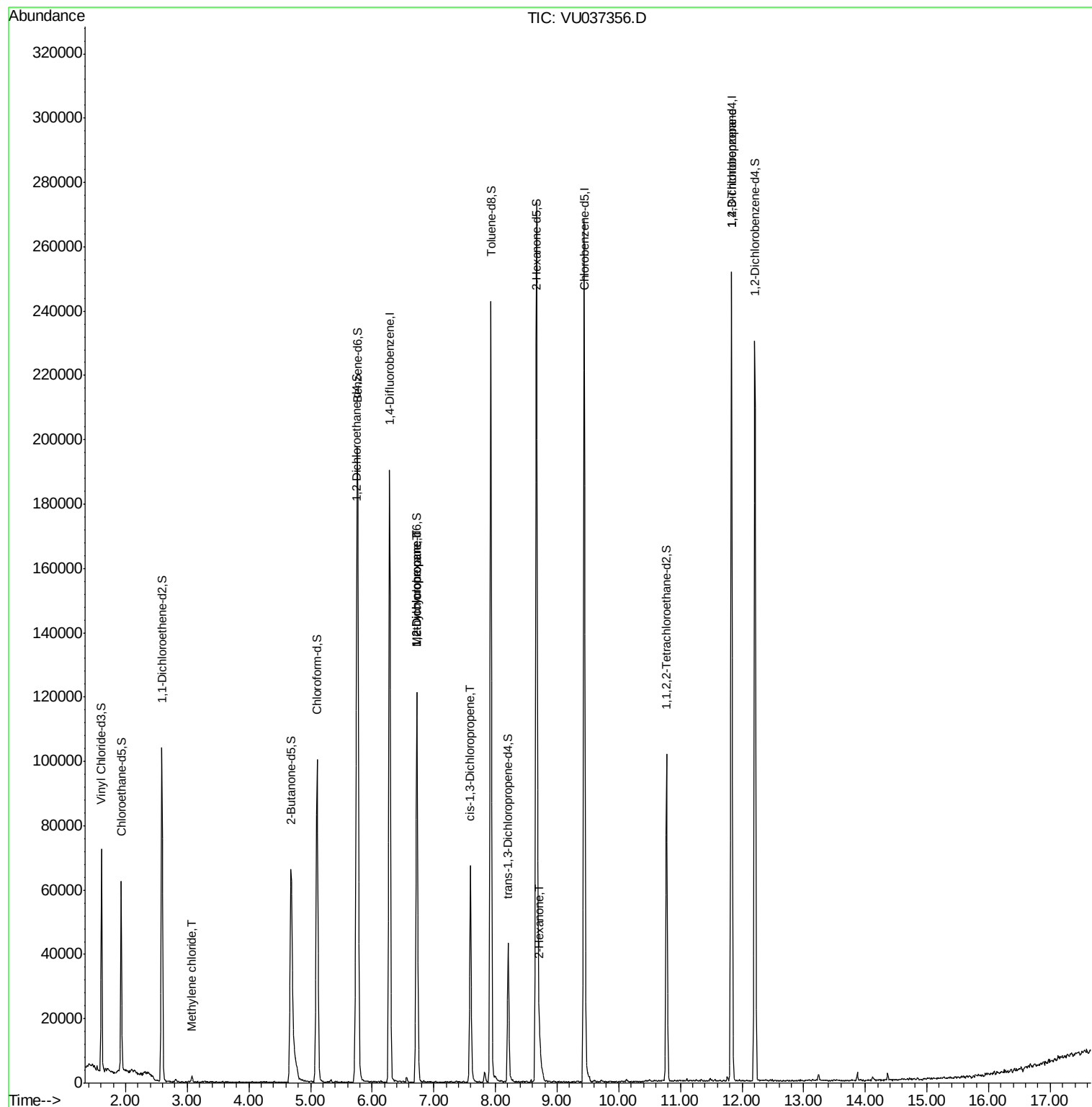
					Ovalue
16) Methylene chloride	3.08	84	786	0.076 ug/L	93
35) Methylcyclohexane	6.73	83	13796	0.820 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	6728	0.621 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2105	0.131 ug/L #	52
48) 2-Hexanone	8.71	43	4411	0.912 ug/L #	83
59) 1,2,3-Trichloropropane	11.83	75	8338	1.148 ug/L	94

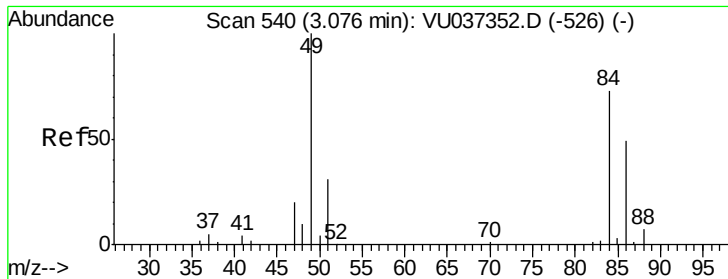
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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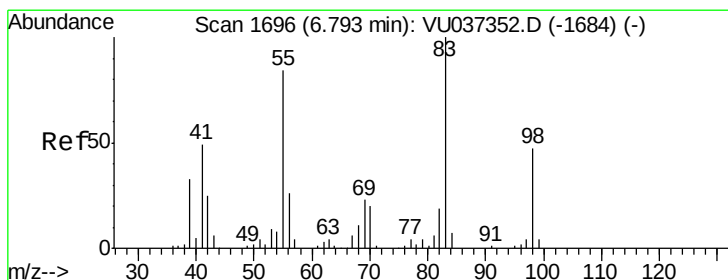
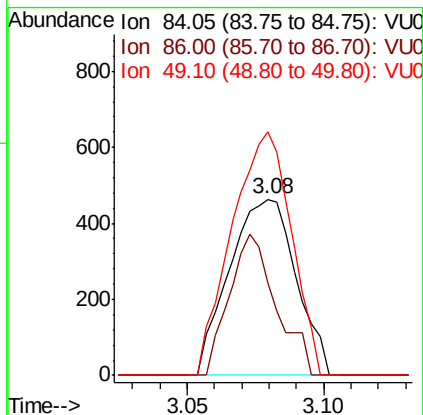
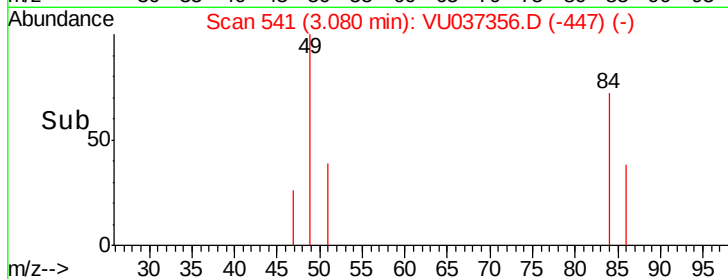
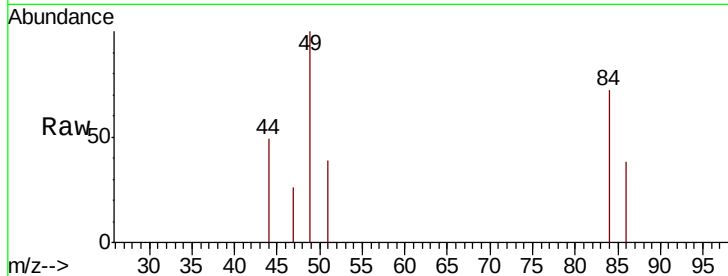




#16
Methylene chloride
Concen: 0.076 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037356.D
Acq: 20 Mar 2020 20:11

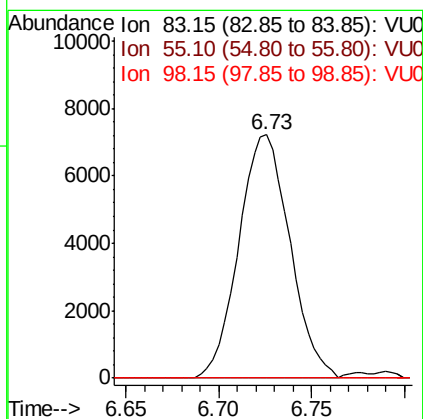
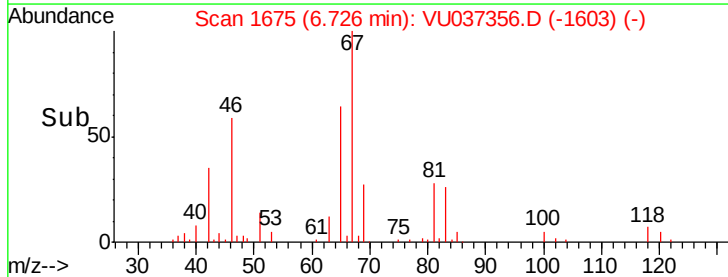
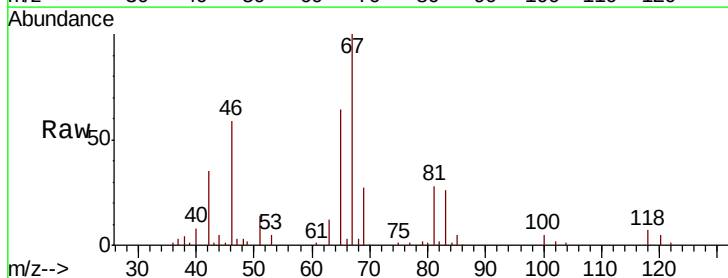
Instrument :
MSVOA_U
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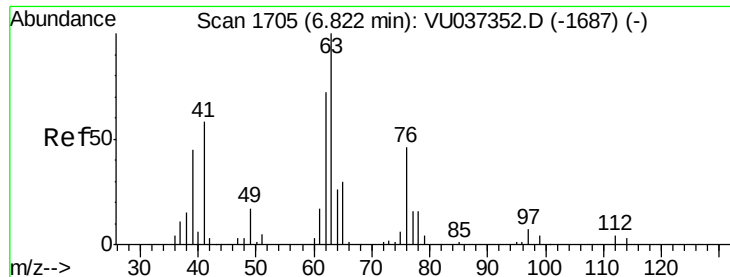
Tot Ion: 84 Resp: 786
Ion Ratio Lower Upper
84 100
86 52.9 46.8 87.0
49 138.4 95.4 177.2



#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037356.D
Acq: 20 Mar 2020 20:11

Tgt Ion: 83 Resp: 13796
Ion Ratio Lower Upper
83 100
55 0.0 65.9 98.9#
98 1.8 37.6 56.4#

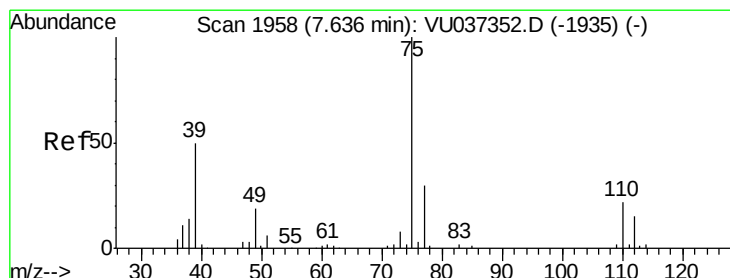
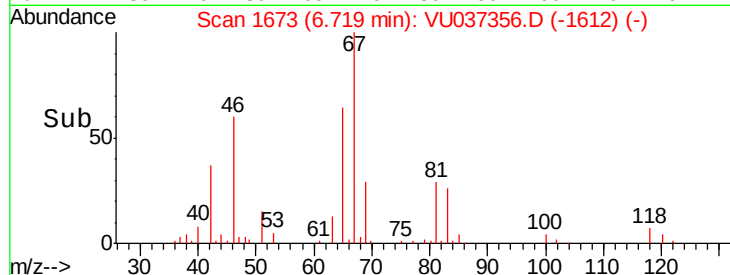
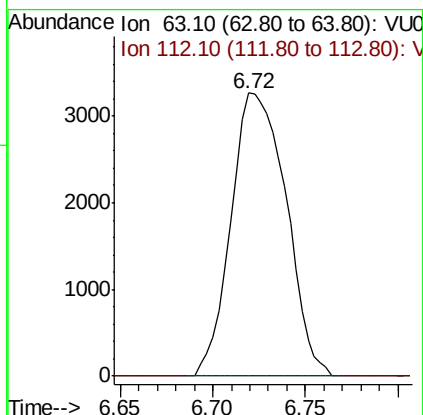
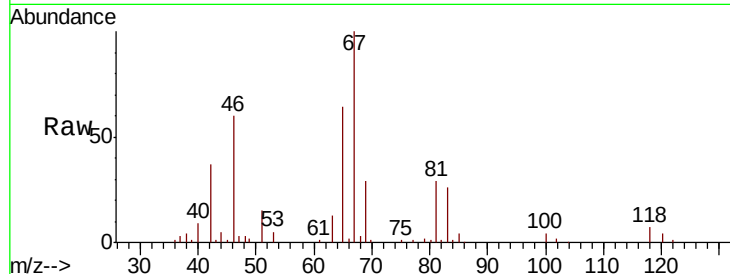




#37
 1,2-Dichloropropane
 Concen: 0.621 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU037356.D
 Acq: 20 Mar 2020 20:11

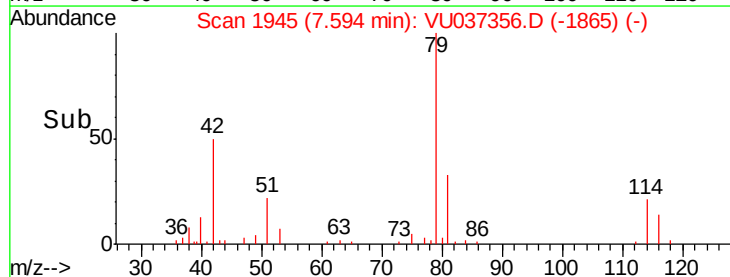
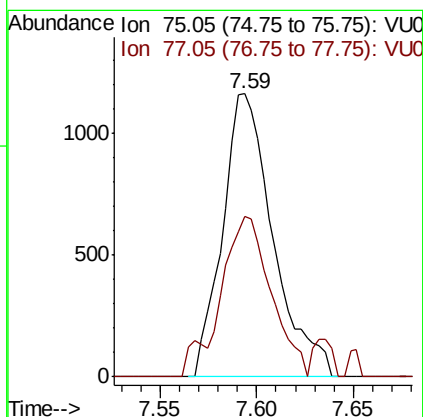
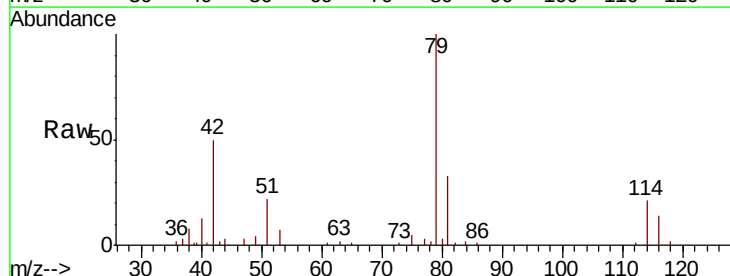
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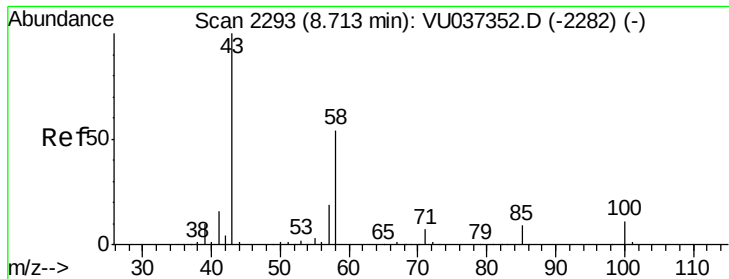
Tot Ion: 63 Resp: 6728
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.131 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037356.D
 Acq: 20 Mar 2020 20:11

Tgt Ion: 75 Resp: 2105
 Ion Ratio Lower Upper
 75 100
 77 56.6 21.2 39.4#

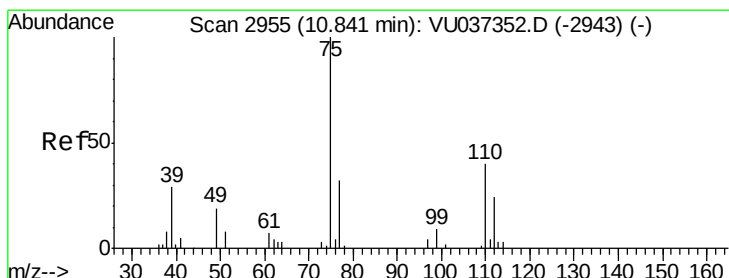
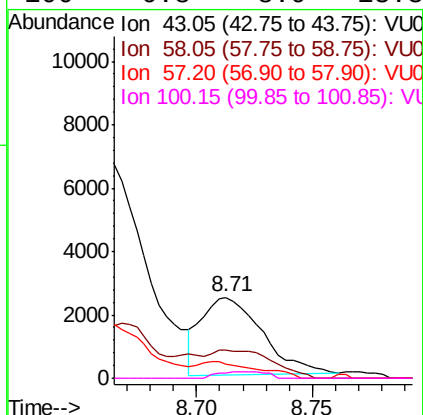
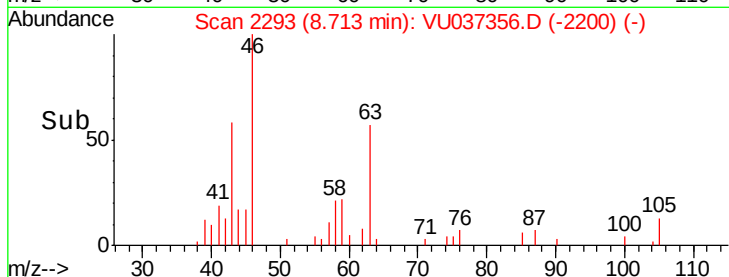
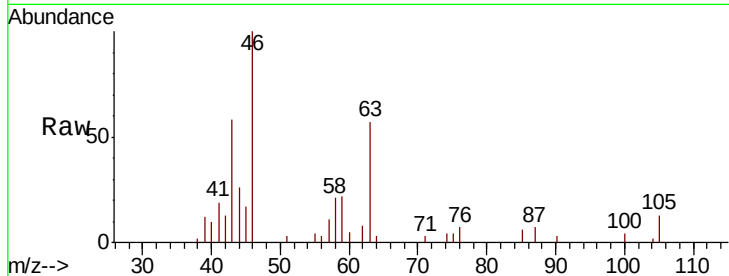




#48
2-Hexanone
Concen: 0.912 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VU037356.D
Acq: 20 Mar 2020 20:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 4411
Ion Ratio Lower Upper
43 100
58 36.7 42.5 63.7#
57 20.9 15.2 22.8
100 6.8 8.9 13.3#



#59
1,2,3-Trichloropropane
Concen: 1.148 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037356.D
Acq: 20 Mar 2020 20:11

Tgt Ion: 75 Resp: 8338
Ion Ratio Lower Upper
75 100
77 35.9 26.0 39.0

