

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038160.D
 Acq On : 14 May 2020 11:31
 Operator : JC/MD
 Sample : VU0514WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:07:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	360663	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	350299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	161941	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	137699	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	193505	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.68	46	467836	57.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.96%
24) Chloroform-d	5.10	84	242948	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	147521	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.76	84	527067	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.72	67	171796	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	460464	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.20	79	66183	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.65	63	355062	55.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	137210	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	168118	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

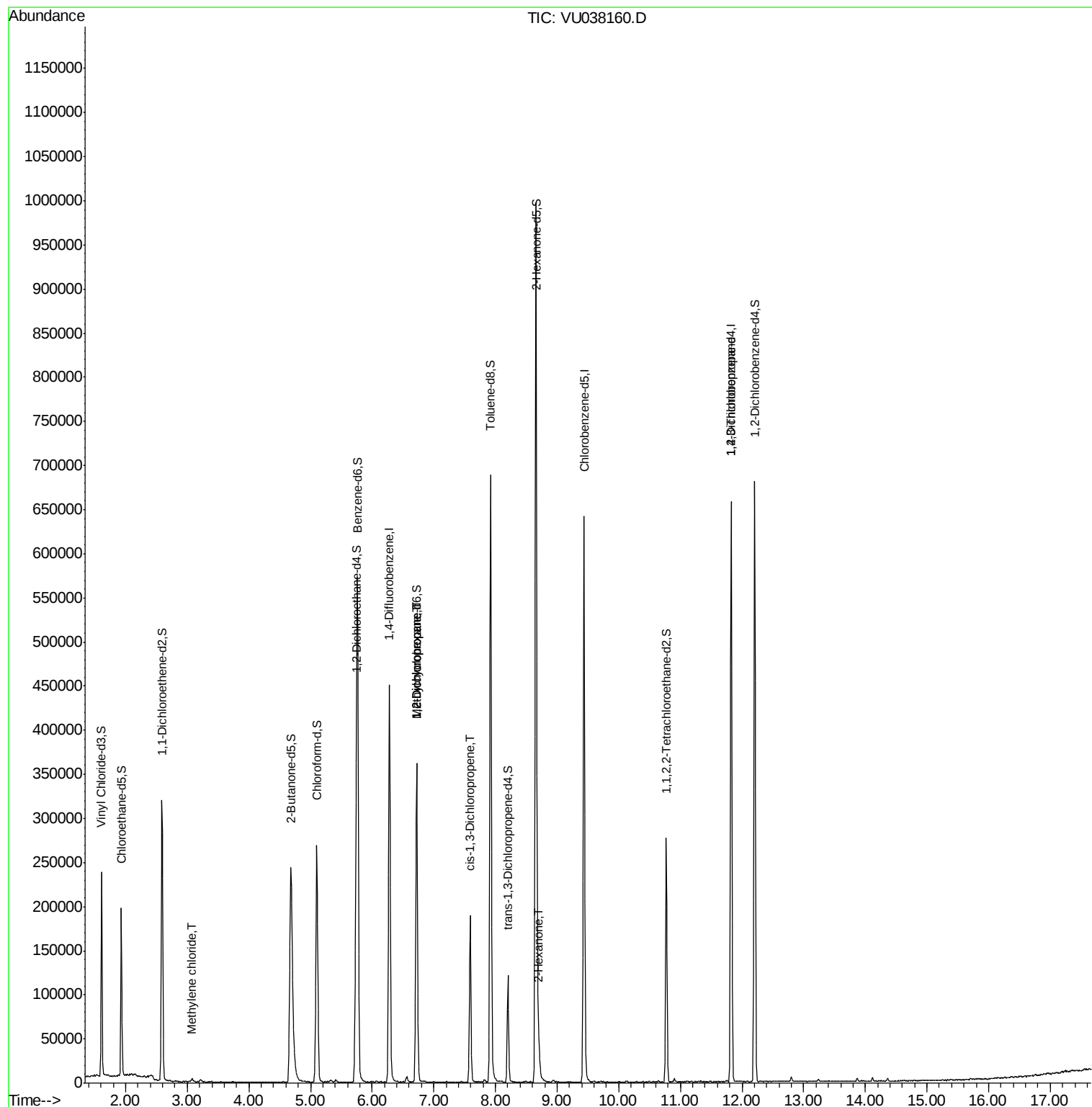
					Ovalue
16) Methylene chloride	3.08	84	1897	0.065 ug/L	89
35) Methylcyclohexane	6.72	83	38562	0.848 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	18298	0.601 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4264	0.098 ug/L #	76
48) 2-Hexanone	8.71	43	21943	1.419 ug/L #	92
59) 1,2,3-Trichloropropane	11.82	75	22240	1.088 ug/L	95

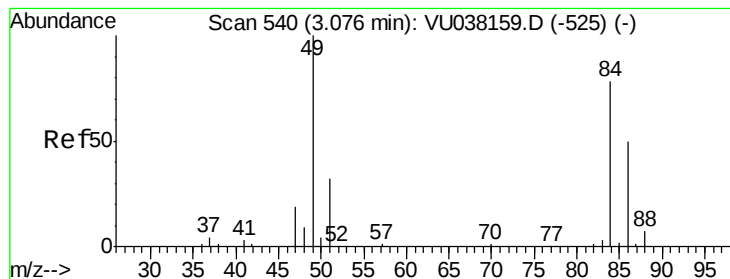
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
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Quant Time: May 15 01:07:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 01:05:40 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.065 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038160.D

Acq: 14 May 2020 11:31

Instrument :

MSVOA_U

ClientSampleId :

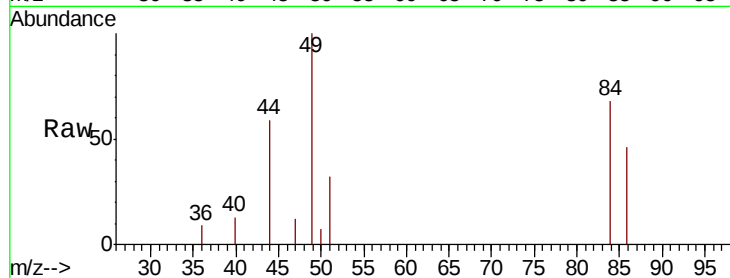
Tot Ion: 84 Resp: 1897

Ion Ratio Lower Upper

84 100

86 67.4 44.9 83.3

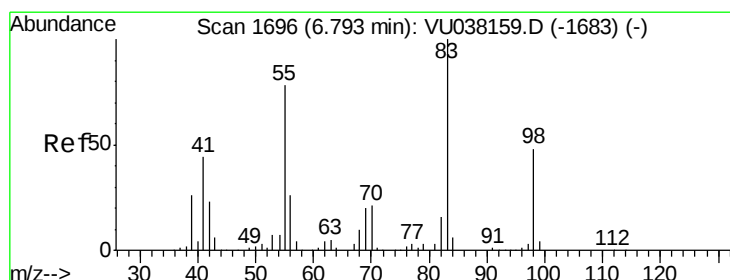
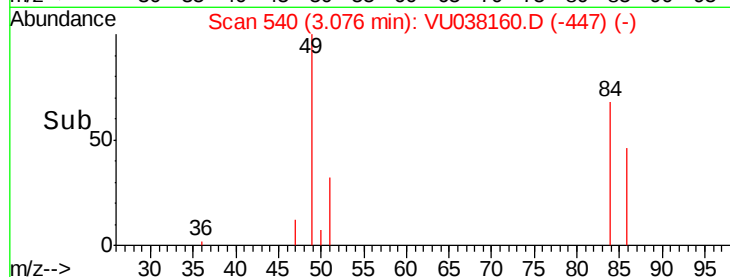
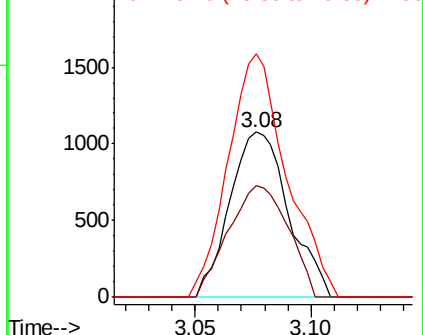
49 147.5 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038160.D

Acq: 14 May 2020 11:31

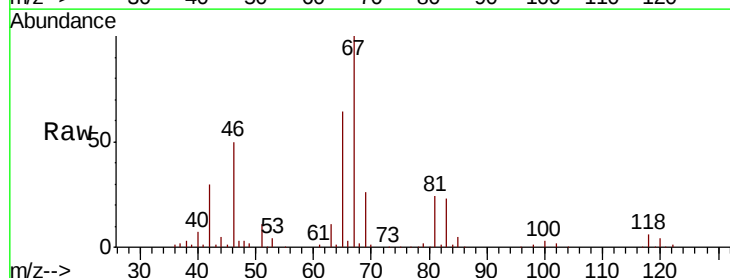
Tgt Ion: 83 Resp: 38562

Ion Ratio Lower Upper

83 100

55 0.2 66.7 100.1#

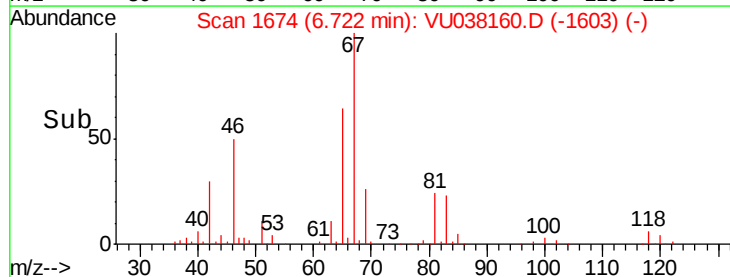
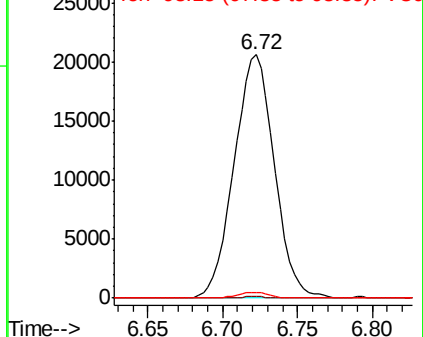
98 1.8 39.4 59.2#

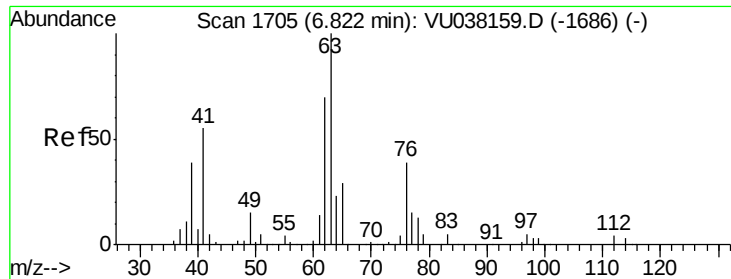


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

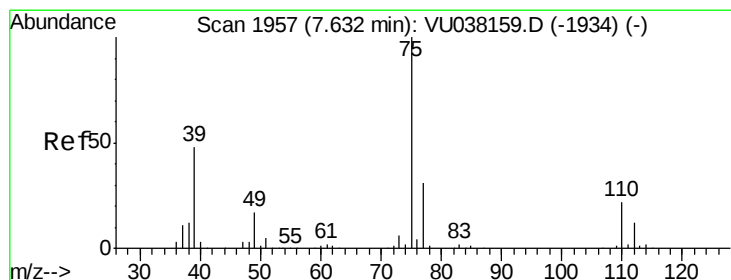
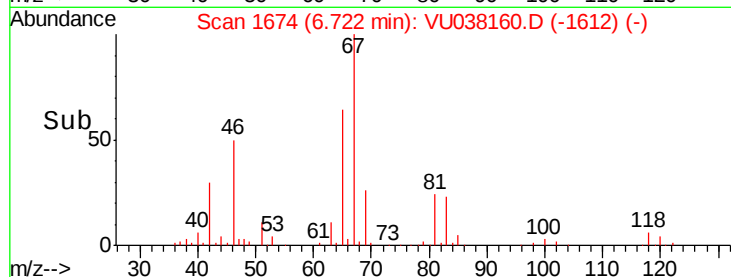
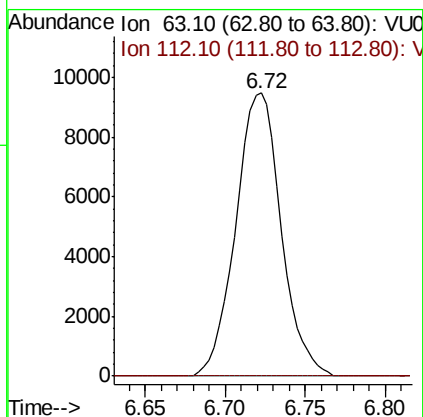
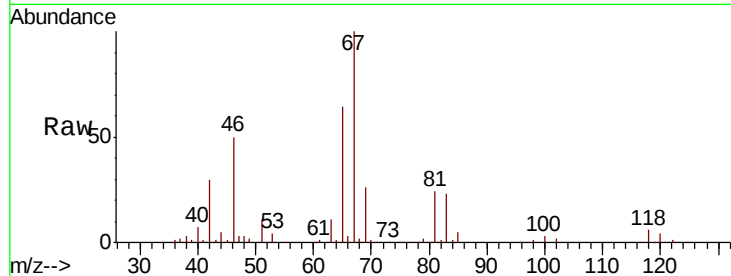




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038160.D
 Acq: 14 May 2020 11:31

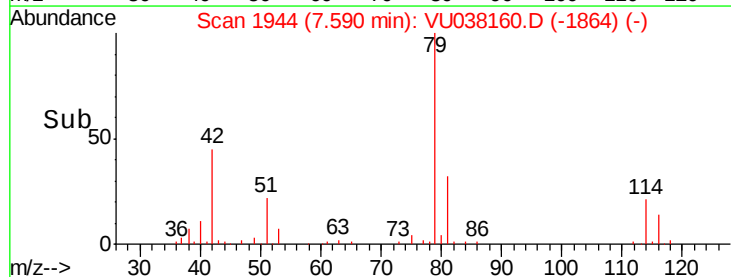
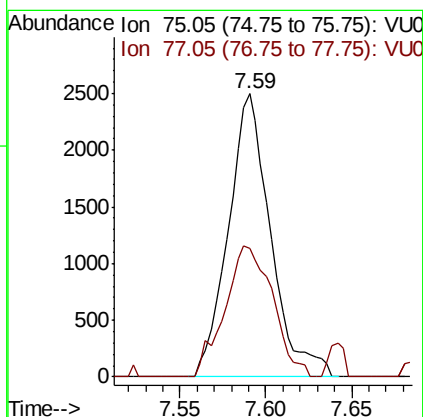
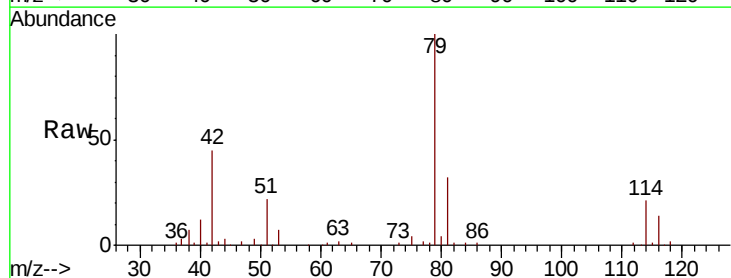
Instrument :
 MSVOA_U
 ClientSampled :

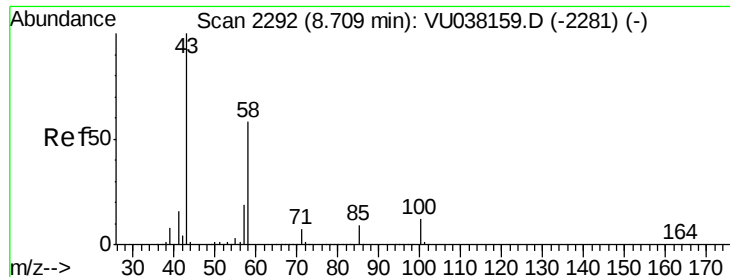
Tot Ion: 63 Resp: 18298
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038160.D
 Acq: 14 May 2020 11:31

Tgt Ion: 75 Resp: 4264
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.4 41.6#

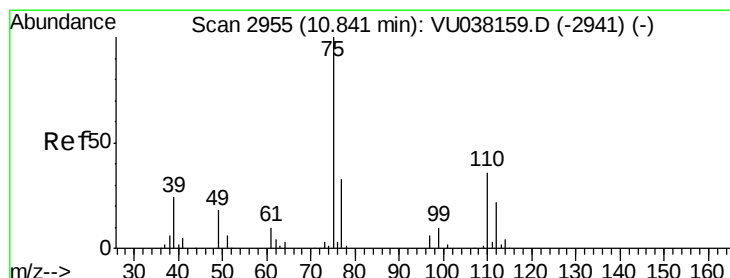
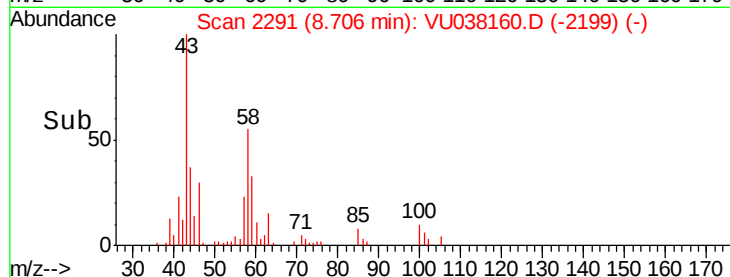
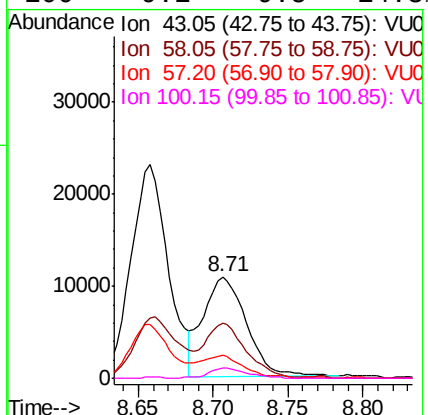
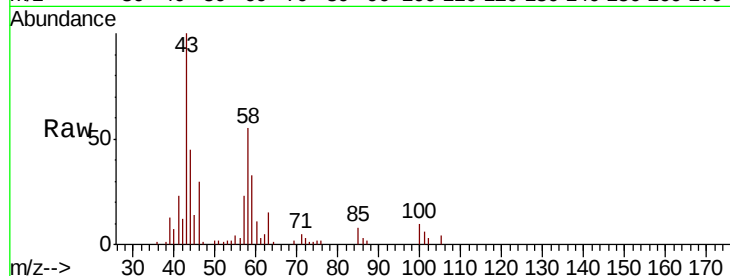




#48
2-Hexanone
Concen: 1.419 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038160.D
Acq: 14 May 2020 11:31

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 21943
Ion Ratio Lower Upper
43 100
58 50.2 45.2 67.8
57 22.0 15.5 23.3
100 9.1 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 1.088 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038160.D
Acq: 14 May 2020 11:31

Tgt Ion: 75 Resp: 22240
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0

