

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038816.D
 Acq On : 11 Jun 2020 11:45
 Operator : SY/MD
 Sample : L2910-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 12 01:04:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 01:02:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	328802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	331797	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92435	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.93	69	78228	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	147868	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.67	46	253367	39.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.38%
24) Chloroform-d	5.10	84	187347	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	114489	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.76	84	382719	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.72	67	117571	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.92	98	322400	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	48414	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.66	63	287576	53.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103579	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	134783	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

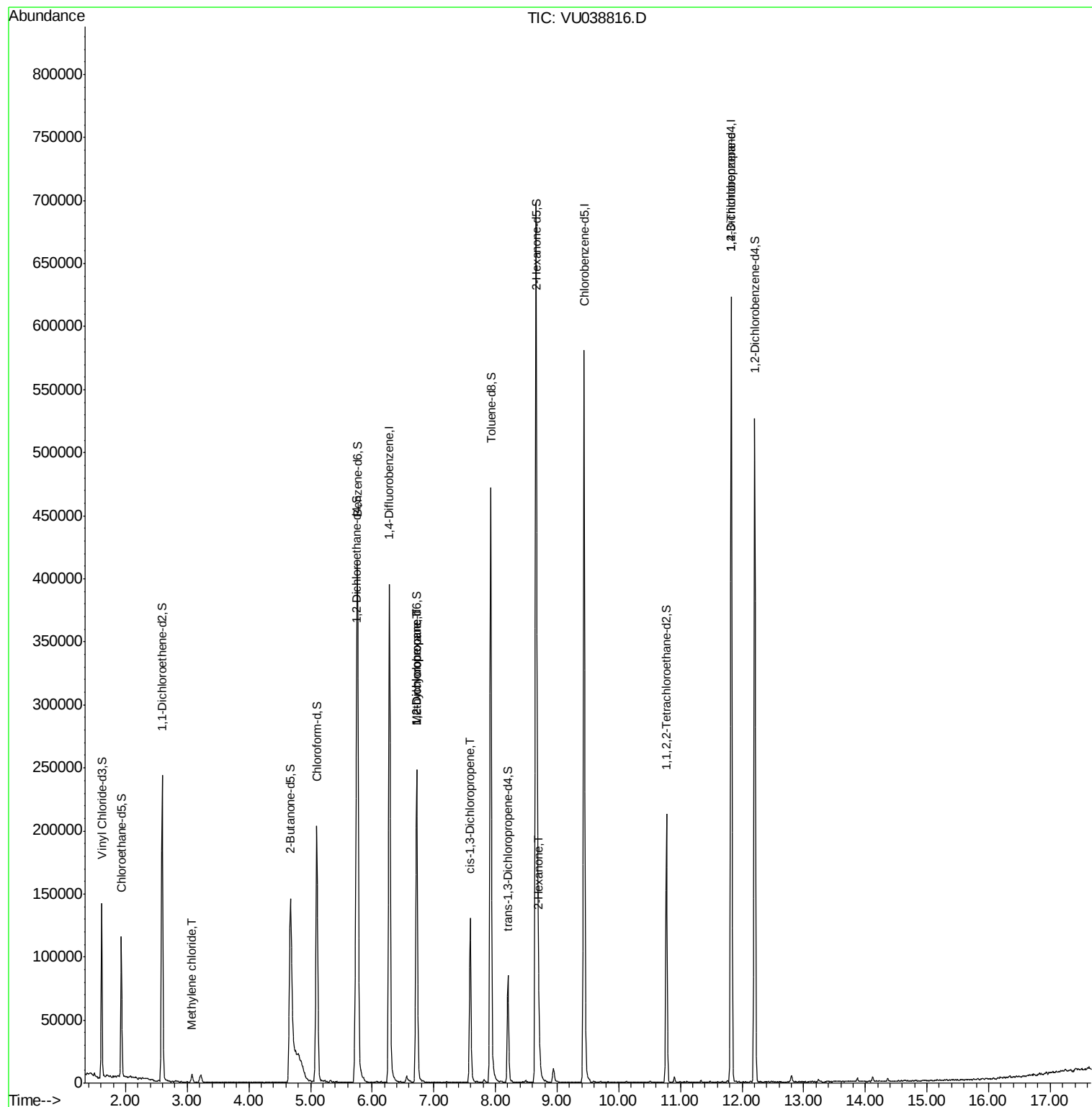
					Ovalue
16) Methylene chloride	3.08	84	3167	0.138 ug/L	90
35) Methylcyclohexane	6.72	83	29269	0.787 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13448	0.578 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3253	0.095 ug/L #	57
48) 2-Hexanone	8.71	43	16893	1.340 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	20259	1.166 ug/L #	88

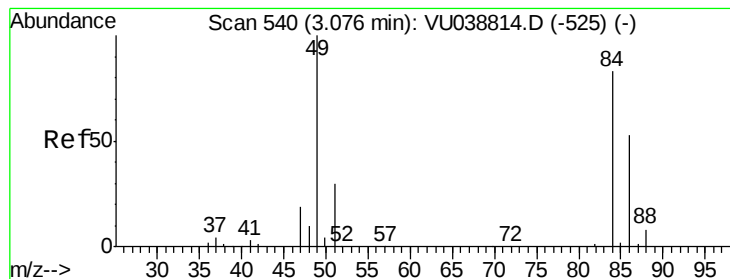
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 01:02:05 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.138 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038816.D

Acq: 11 Jun 2020 11:45

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

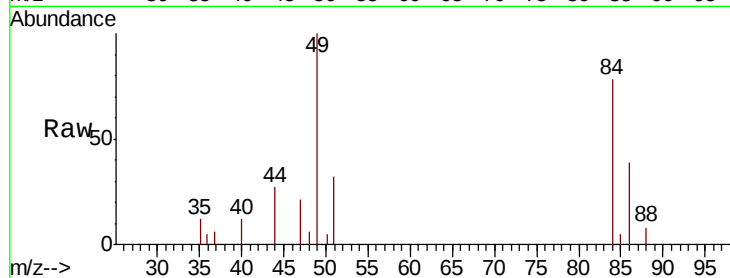
Tot Ion: 84 Resp: 3167

Ion Ratio Lower Upper

84 100

86 49.8 45.0 83.6

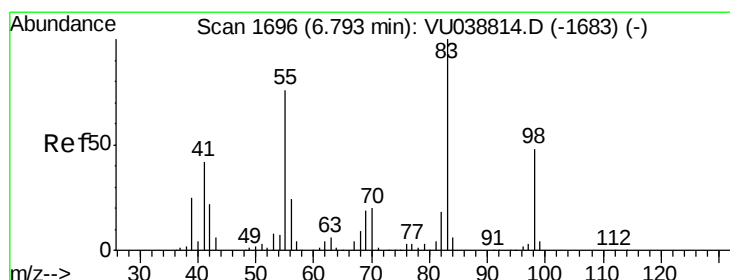
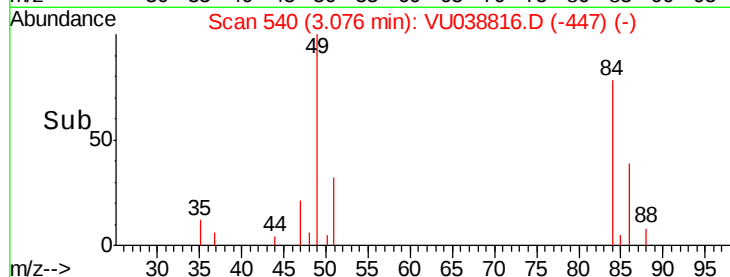
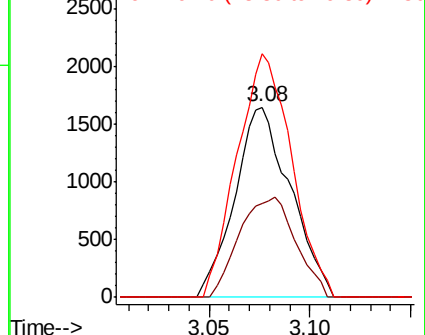
49 128.3 85.5 158.9



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: 0.787 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038816.D

Acq: 11 Jun 2020 11:45

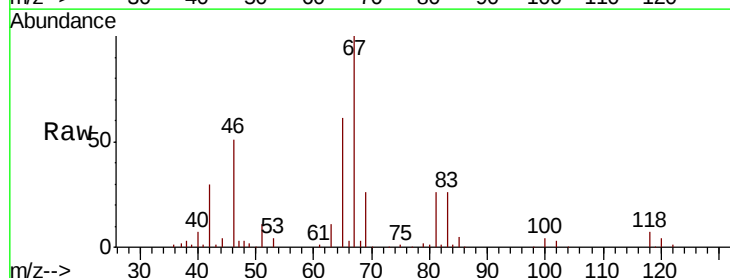
Tgt Ion: 83 Resp: 29269

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

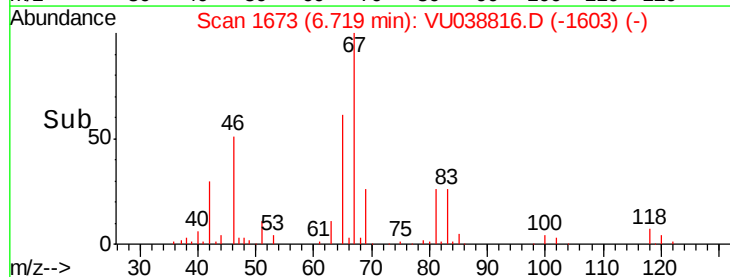
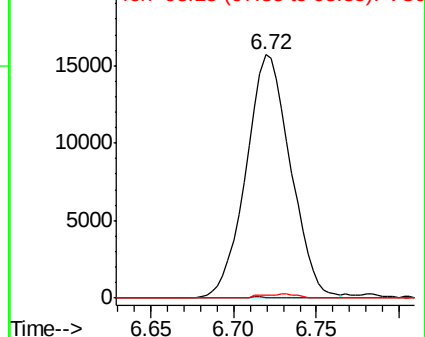
98 1.3 39.0 58.4#

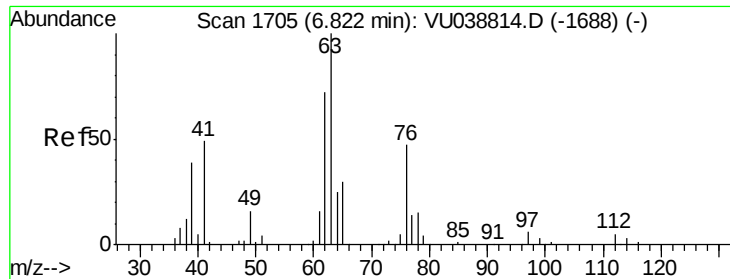


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

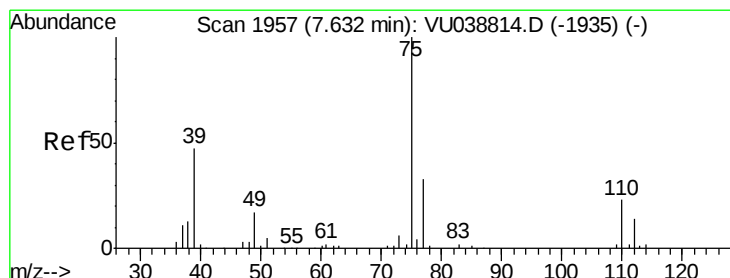
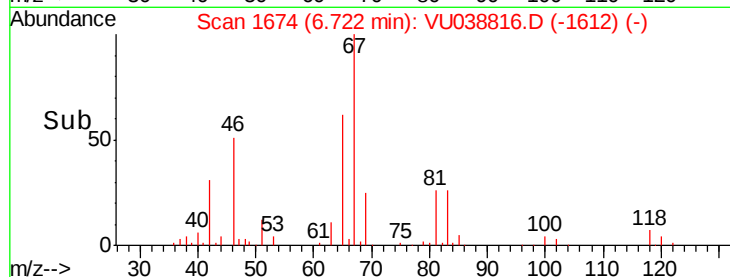
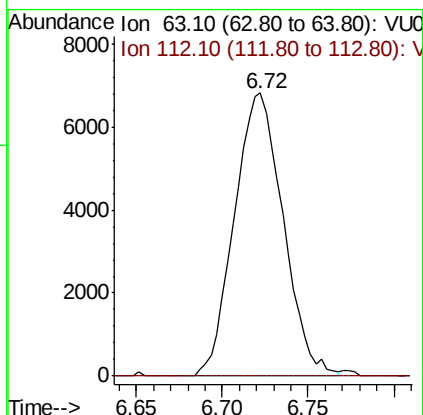
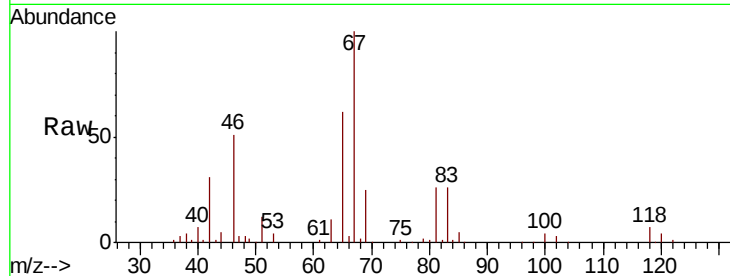




#37
 1,2-Dichloropropane
 Concen: 0.578 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038816.D
 Acq: 11 Jun 2020 11:45

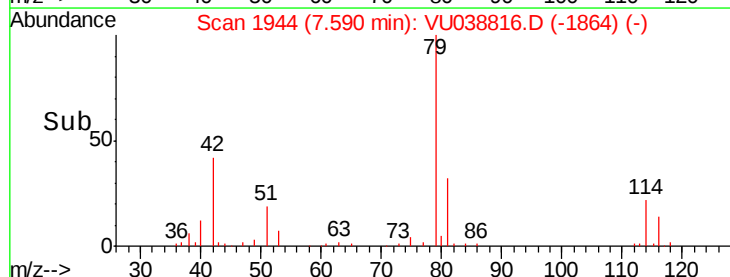
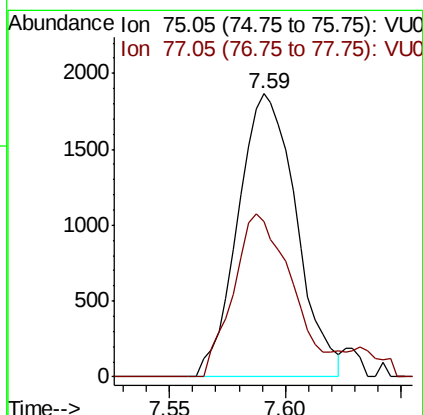
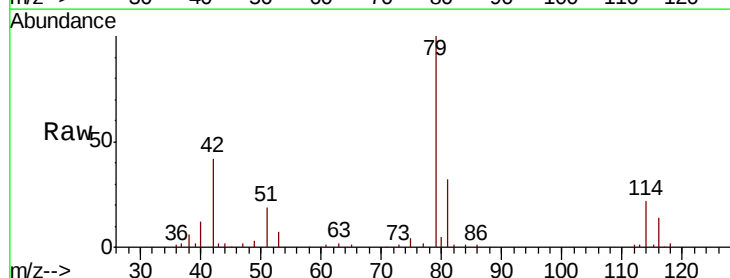
Instrument :
 MSVOA_U
 ClientSampleId :
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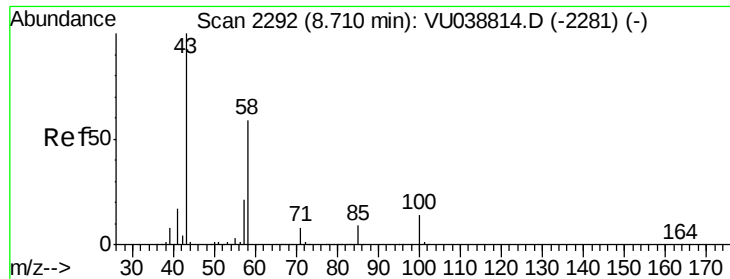
Tot Ion: 63 Resp: 13448
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038816.D
 Acq: 11 Jun 2020 11:45

Tgt Ion: 75 Resp: 3253
 Ion Ratio Lower Upper
 75 100
 77 54.9 21.9 40.7#

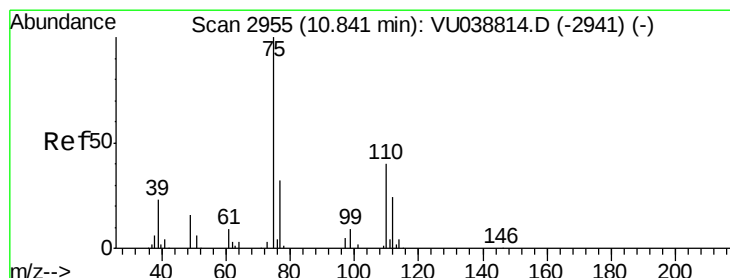
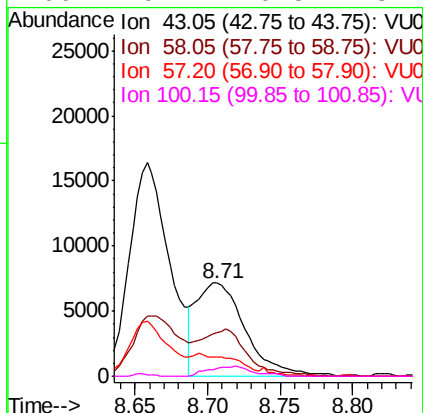
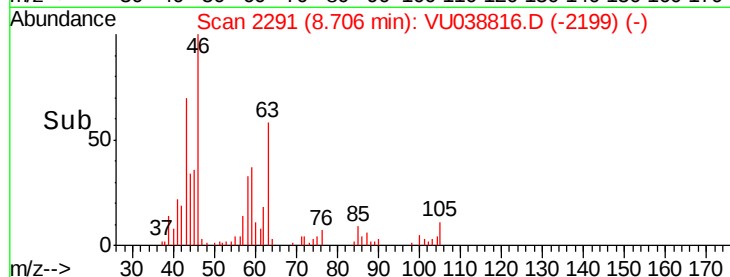
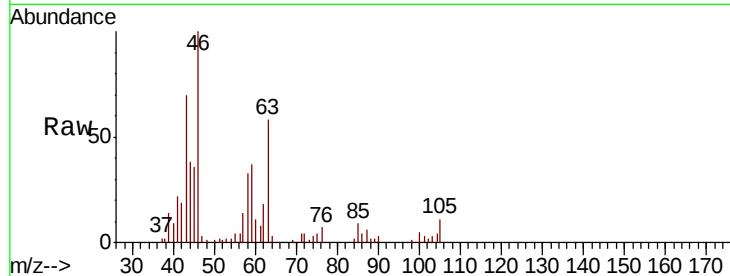




#48
2-Hexanone
Concen: 1.340 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038816.D
Acq: 11 Jun 2020 11:45

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 16893
Ion Ratio Lower Upper
43 100
58 46.0 45.4 68.0
57 23.7 15.9 23.9
100 9.4 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.166 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038816.D
Acq: 11 Jun 2020 11:45

Tgt Ion: 75 Resp: 20259
Ion Ratio Lower Upper
75 100
77 38.4 25.4 38.2#

