

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039136.D
 Acq On : 26 Jun 2020 00:41
 Operator : SY/MD
 Sample : L3104-02 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q05

Quant Time: Jun 26 04:22:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272064	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	273164	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	116901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76257	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	73560	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	113115	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.67	46	381544	53.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.12%
24) Chloroform-d	5.10	84	177752	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.74	65	114163	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.76	84	331428	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	115351	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.92	98	252346	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.20	79	45987	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.65	63	280158	49.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104917	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	103589	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

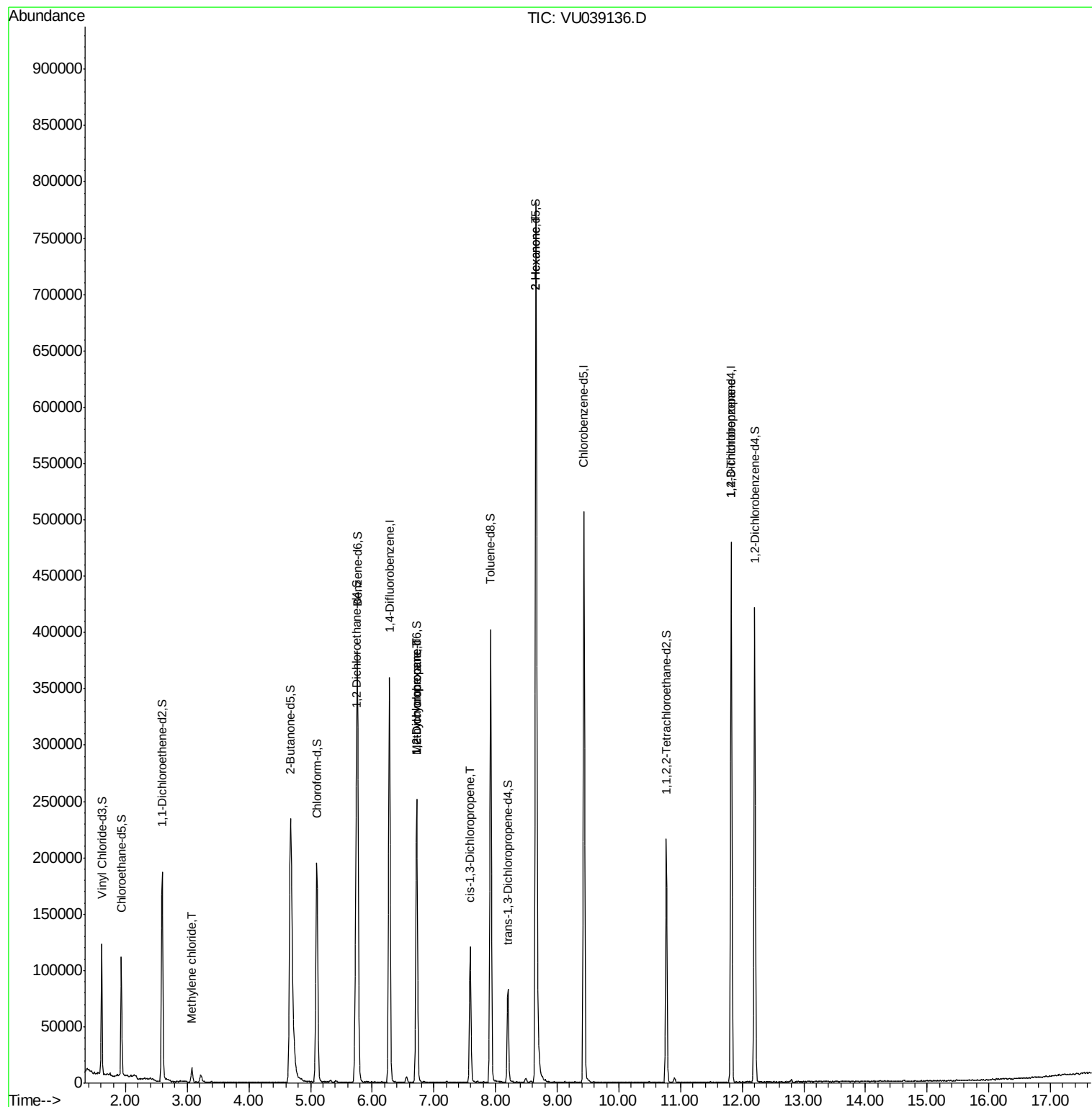
					Ovalue
16) Methylene chloride	3.08	84	5435	0.234 ug/L	99
35) Methylcyclohexane	6.72	83	27053	0.878 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	12903	0.555 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3313	0.103 ug/L #	68
48) 2-Hexanone	8.65	43	36980	2.907 ug/L #	68
59) 1,2,3-Trichloropropane	11.82	75	16151	0.921 ug/L #	87

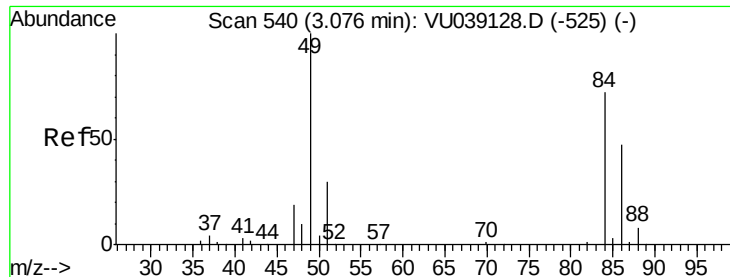
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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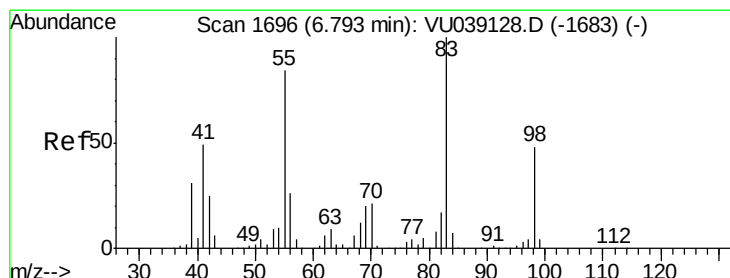
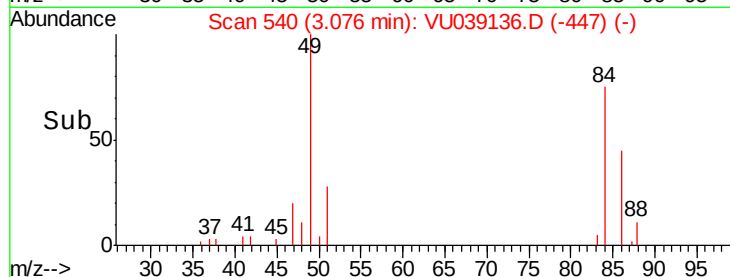
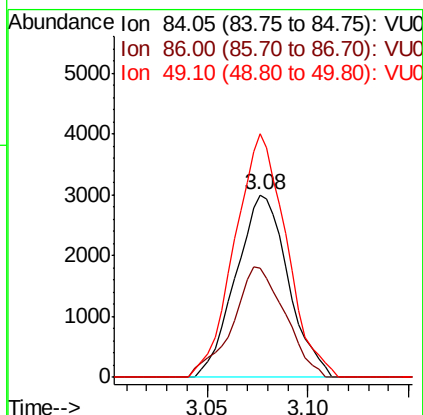
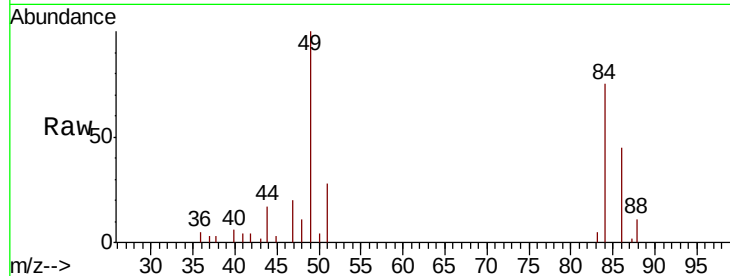




#16
Methylene chloride
Concen: 0.234 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU039136.D
Acq: 26 Jun 2020 00:41

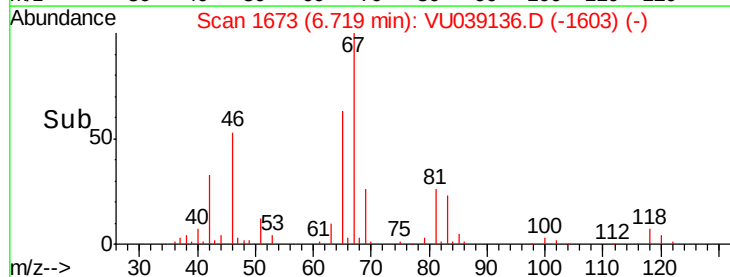
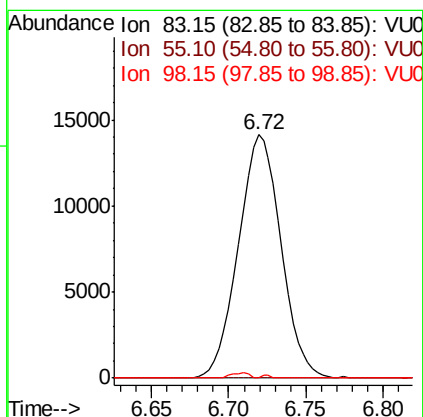
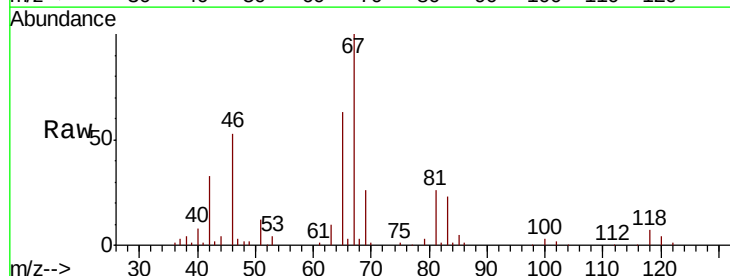
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MSVOA_U
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F9Q05

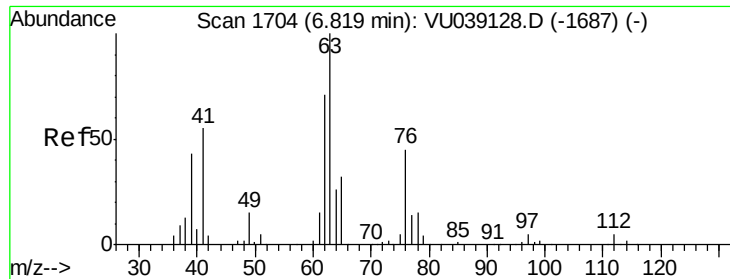
Tot Ion: 84 Resp: 5435
Ion Ratio Lower Upper
84 100
86 59.8 44.1 81.9
49 133.2 93.1 172.9



#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039136.D
Acq: 26 Jun 2020 00:41

Tgt Ion: 83 Resp: 27053
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 0.2 36.5 54.7#

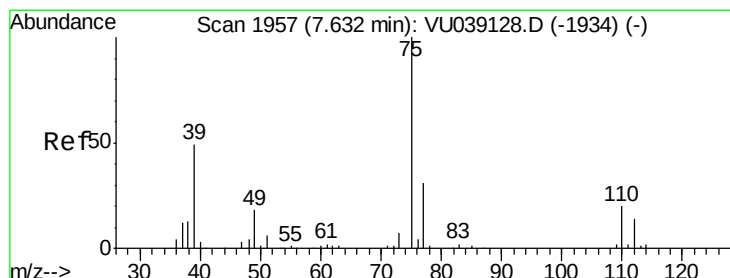
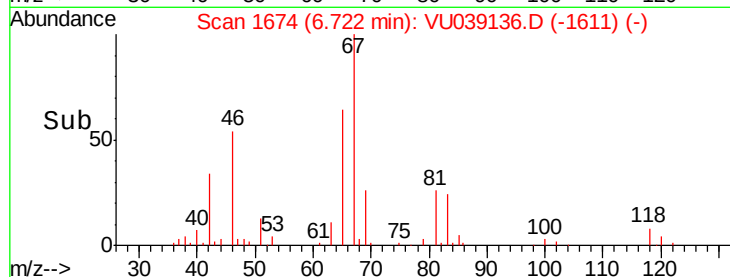
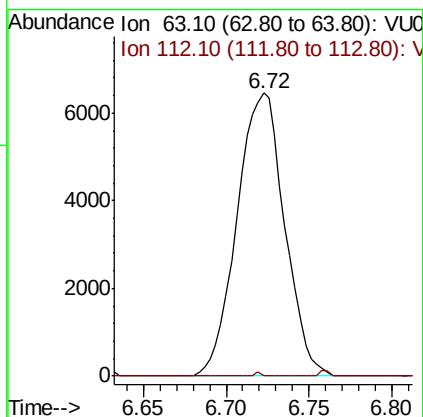
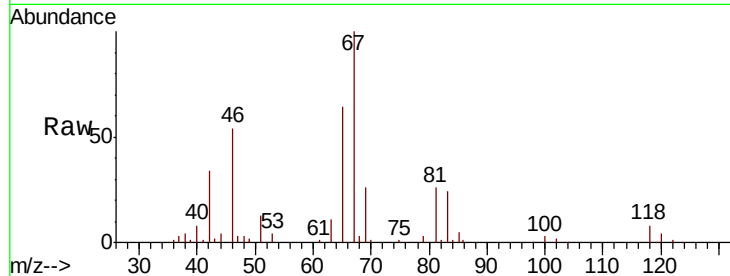




#37
 1,2-Dichloropropane
 Concen: 0.555 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039136.D
 Acq: 26 Jun 2020 00:41

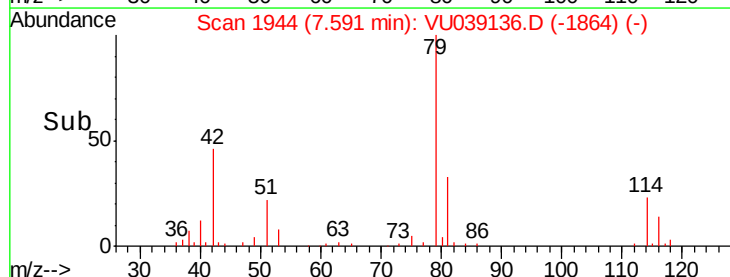
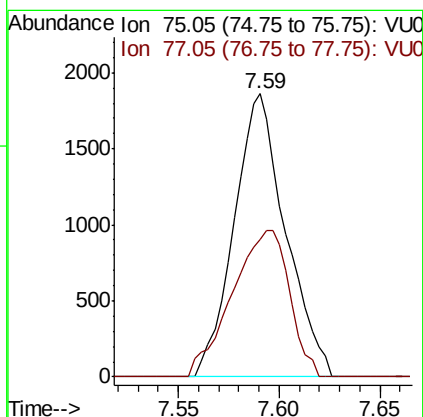
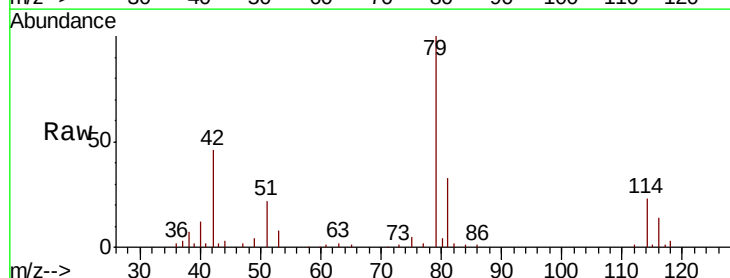
Instrument :
 MSVOA_U
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 F9Q05

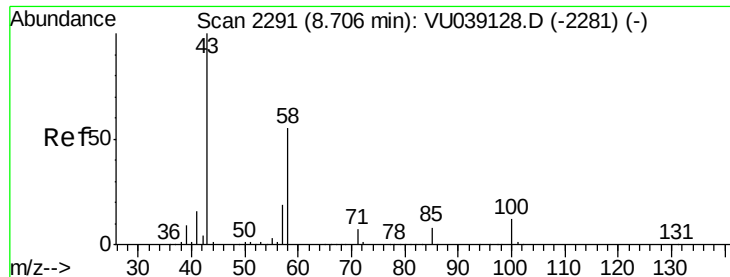
Tot Ion: 63 Resp: 12903
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039136.D
 Acq: 26 Jun 2020 00:41

Tgt Ion: 75 Resp: 3313
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.6 40.0#

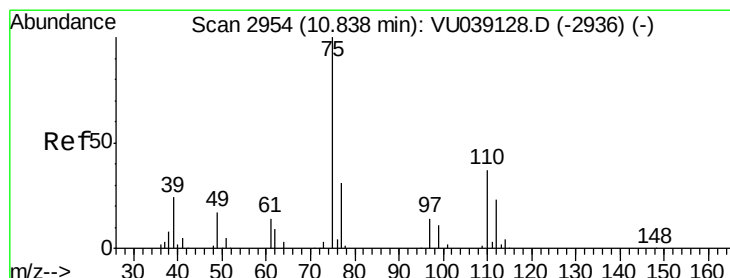
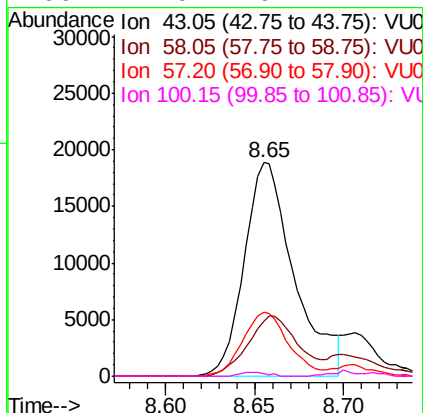
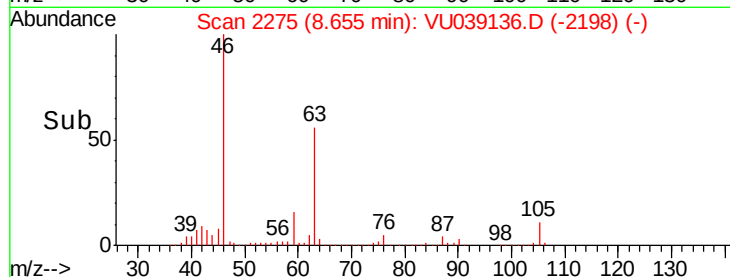
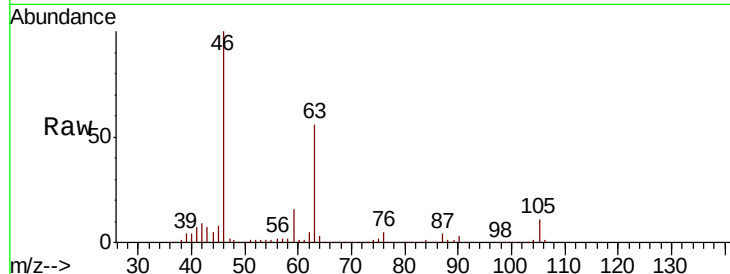




#48
2-Hexanone
Concen: 2.907 ug/L
RT: 8.65 min Scan# 2275
Delta R.T. -0.05 min
Lab File: VU039136.D
Acq: 26 Jun 2020 00:41

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Tot Ion: 43 Resp: 36980
Ion Ratio Lower Upper
43 100
58 28.2 44.0 66.0#
57 27.7 15.0 22.6#
100 1.0 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039136.D
Acq: 26 Jun 2020 00:41

Tgt Ion: 75 Resp: 16151
Ion Ratio Lower Upper
75 100
77 39.8 26.2 39.2#

