

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082720\
 Data File : VU039994.D
 Acq On : 27 Aug 2020 16:20
 Operator : SY/MD
 Sample : L3821-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Aug 28 01:14:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 28 01:12:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67679	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24097	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.92	69	21138	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.58	63	39735	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.65	46	89290	47.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.52%
24) Chloroform-d	5.08	84	55976	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	34306	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.74	84	100496	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	33581	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.91	98	83917	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.19	79	13294	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	63548	44.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27078	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	35799	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

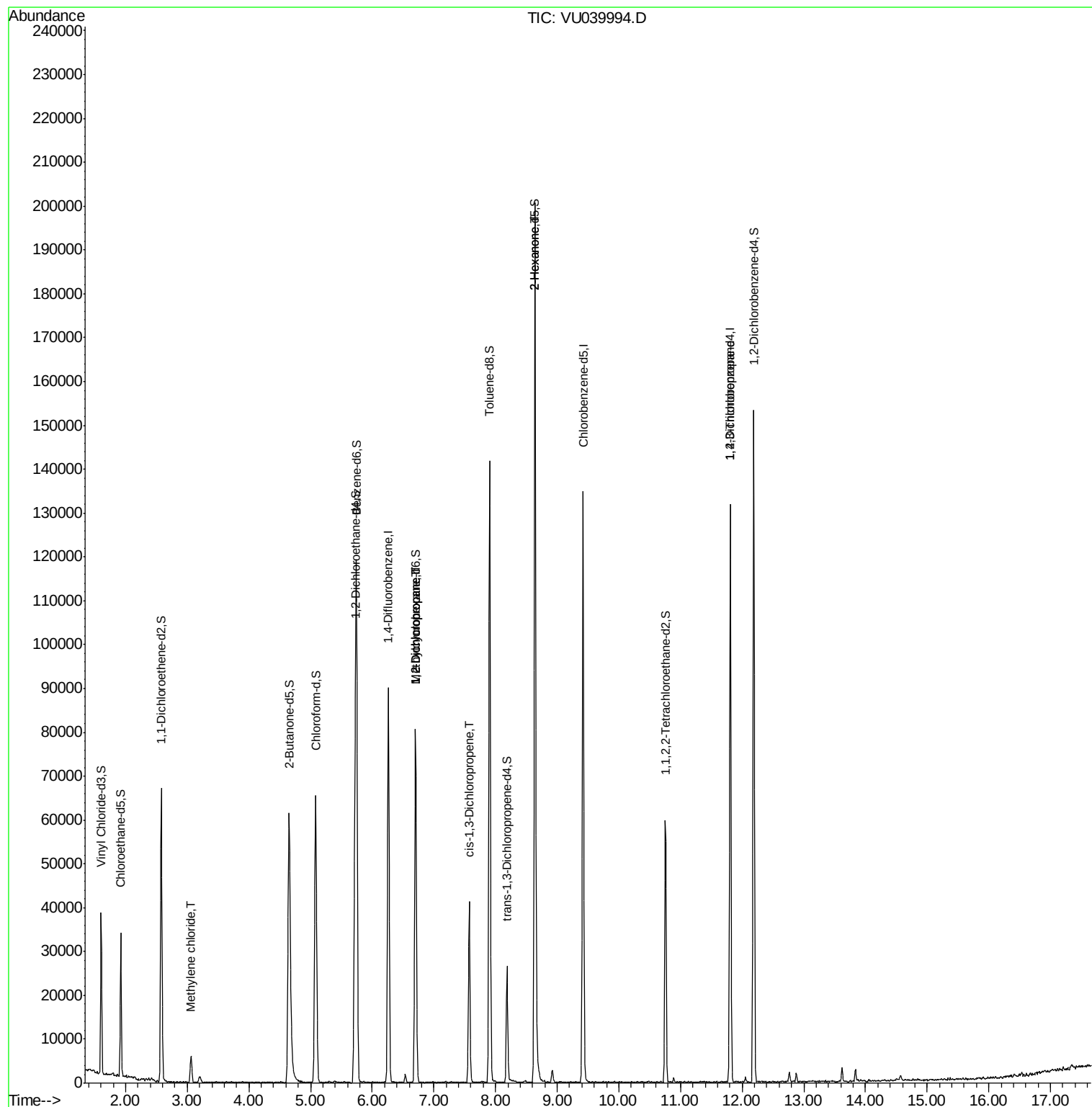
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	2605	0.320	ug/L	98
35) Methylcyclohexane	6.70	83	7845	0.802	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4027	0.616	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1133	0.124	ug/L #	62
48) 2-Hexanone	8.64	43	10135	2.732	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	4568	0.975	ug/L	90

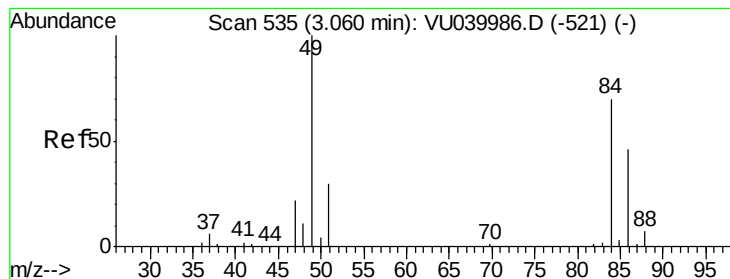
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 28 01:12:06 2020
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#16

Methylene chloride

Concen: 0.320 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039994.D

Acq: 27 Aug 2020 16:20

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

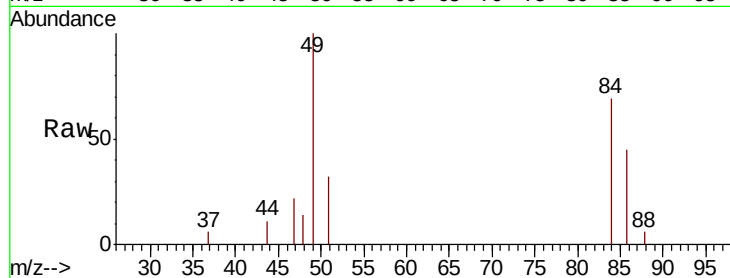
Tot Ion: 84 Resp: 2605

Ion Ratio Lower Upper

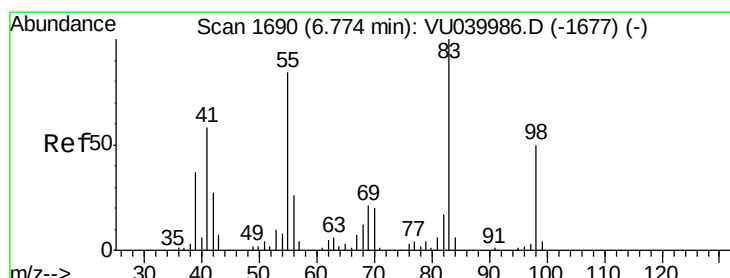
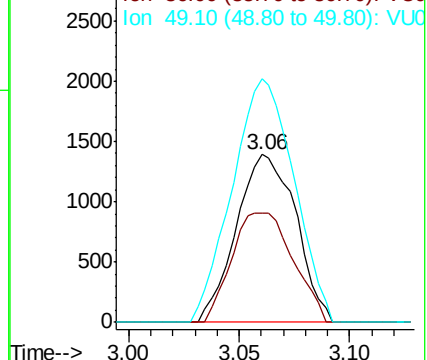
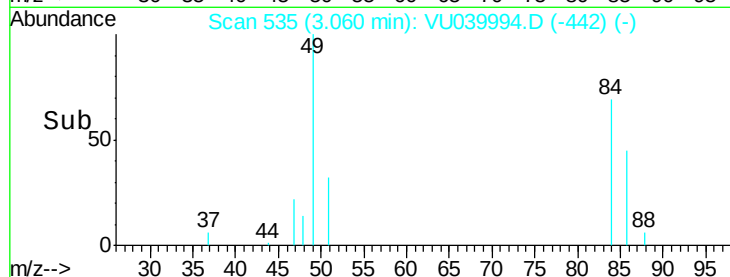
84 100

86 65.0 47.2 87.6

49 145.3 99.8 185.4



Abundance Ion 84.05 (83.75 to 84.75): VU039994.D (-442) (-)



#35

Methylcyclohexane

Concen: 0.802 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039994.D

Acq: 27 Aug 2020 16:20

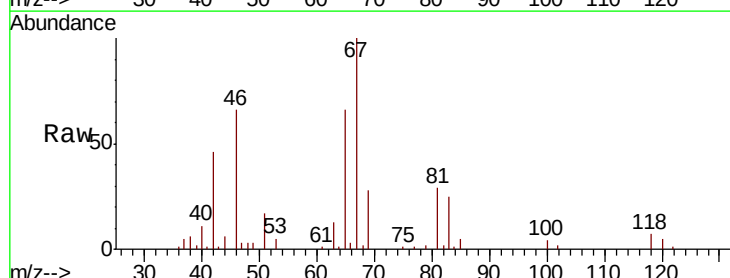
Tgt Ion: 83 Resp: 7845

Ion Ratio Lower Upper

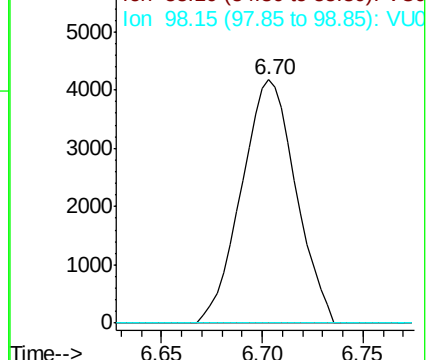
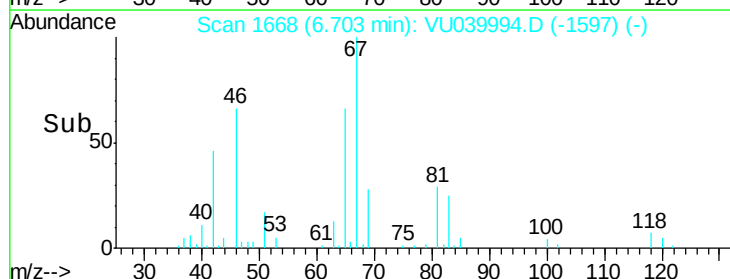
83 100

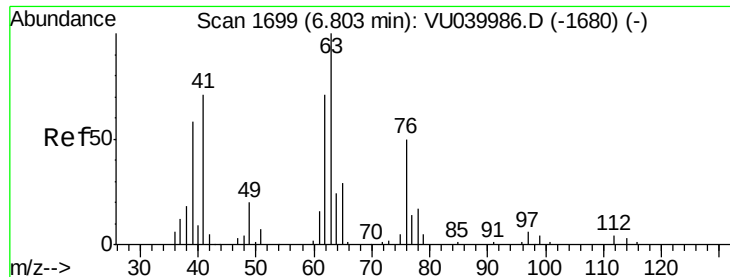
55 0.0 64.1 96.1#

98 0.7 39.4 59.0#



Abundance Ion 83.15 (82.85 to 83.85): VU039994.D (-1597) (-)

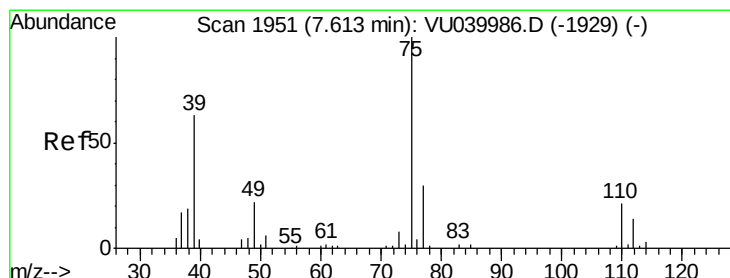
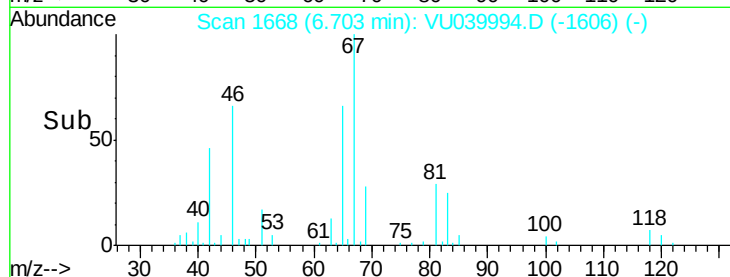
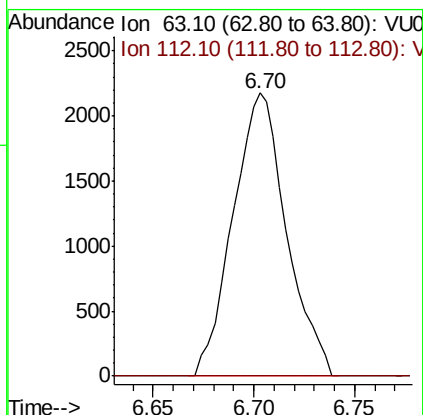
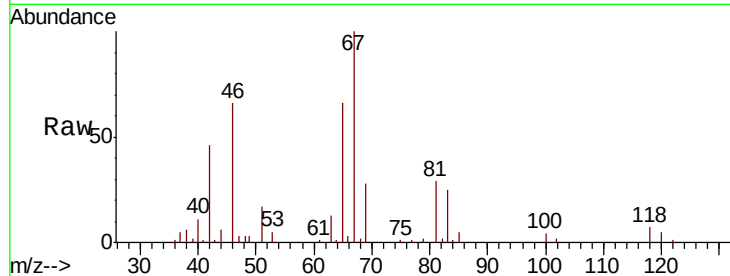




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039994.D
 Acq: 27 Aug 2020 16:20

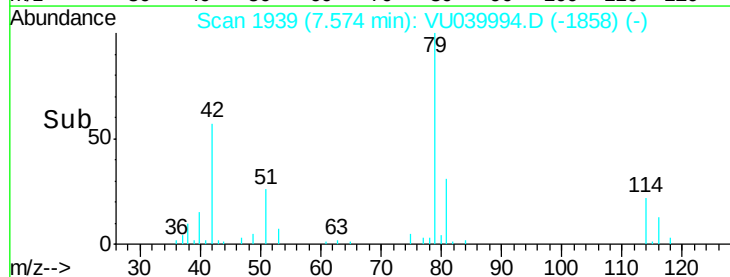
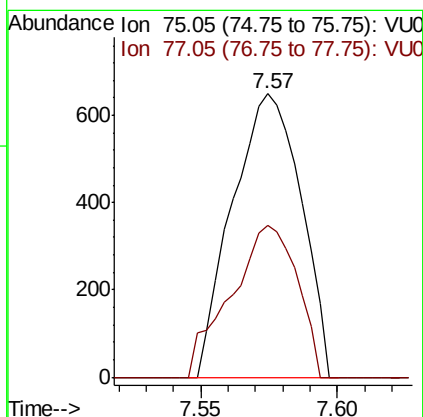
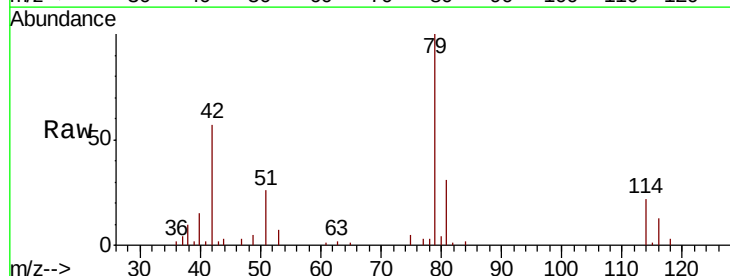
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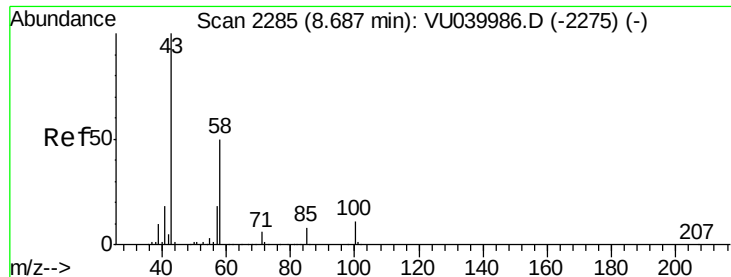
Tot Ion: 63 Resp: 4027
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039994.D
 Acq: 27 Aug 2020 16:20

Tgt Ion: 75 Resp: 1133
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.6 42.0#

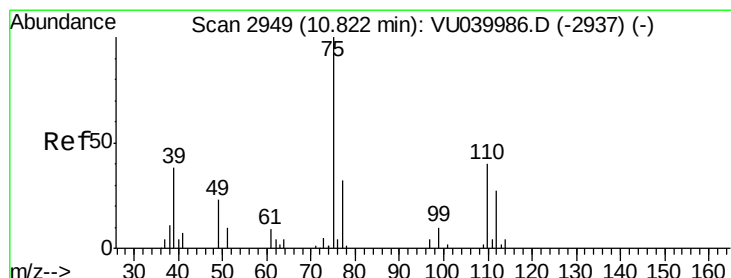
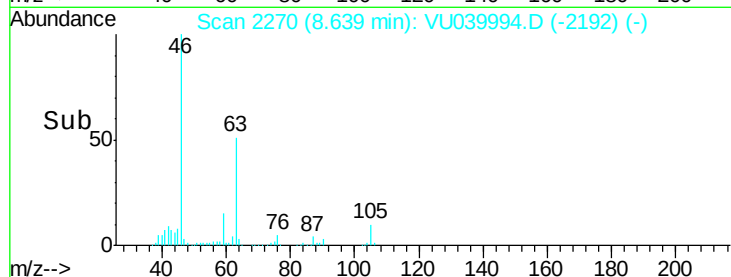
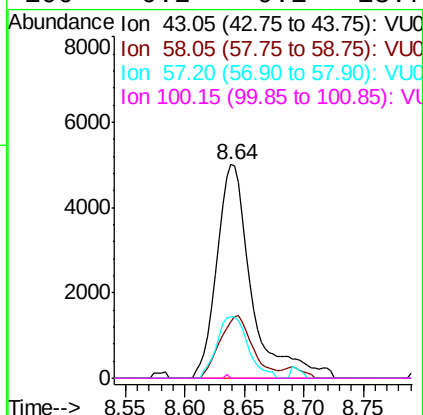
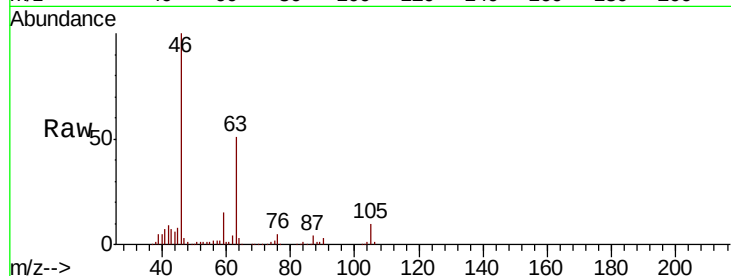




#48
2-Hexanone
Concen: 2.732 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU039994.D
Acq: 27 Aug 2020 16:20

Instrument :
MSVOA_U
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VHBLK01

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.2	41.3	61.9#
57	25.9	14.1	21.1#
100	0.2	9.1	13.7#



#59
1,2,3-Trichloropropane
Concen: 0.975 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039994.D
Acq: 27 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.2	27.4	41.2

