

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039974.D
 Acq On : 25 Aug 2020 18:09
 Operator : SY/MD
 Sample : L3789-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Aug 26 03:46:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31591	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26104	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.92	69	24125	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	40848	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.66	46	84922	42.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.04%
24) Chloroform-d	5.08	84	54411	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.72	65	32672	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.75	84	104634	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	33932	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	87355	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.19	79	12276	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	61548	41.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26013	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	33763	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

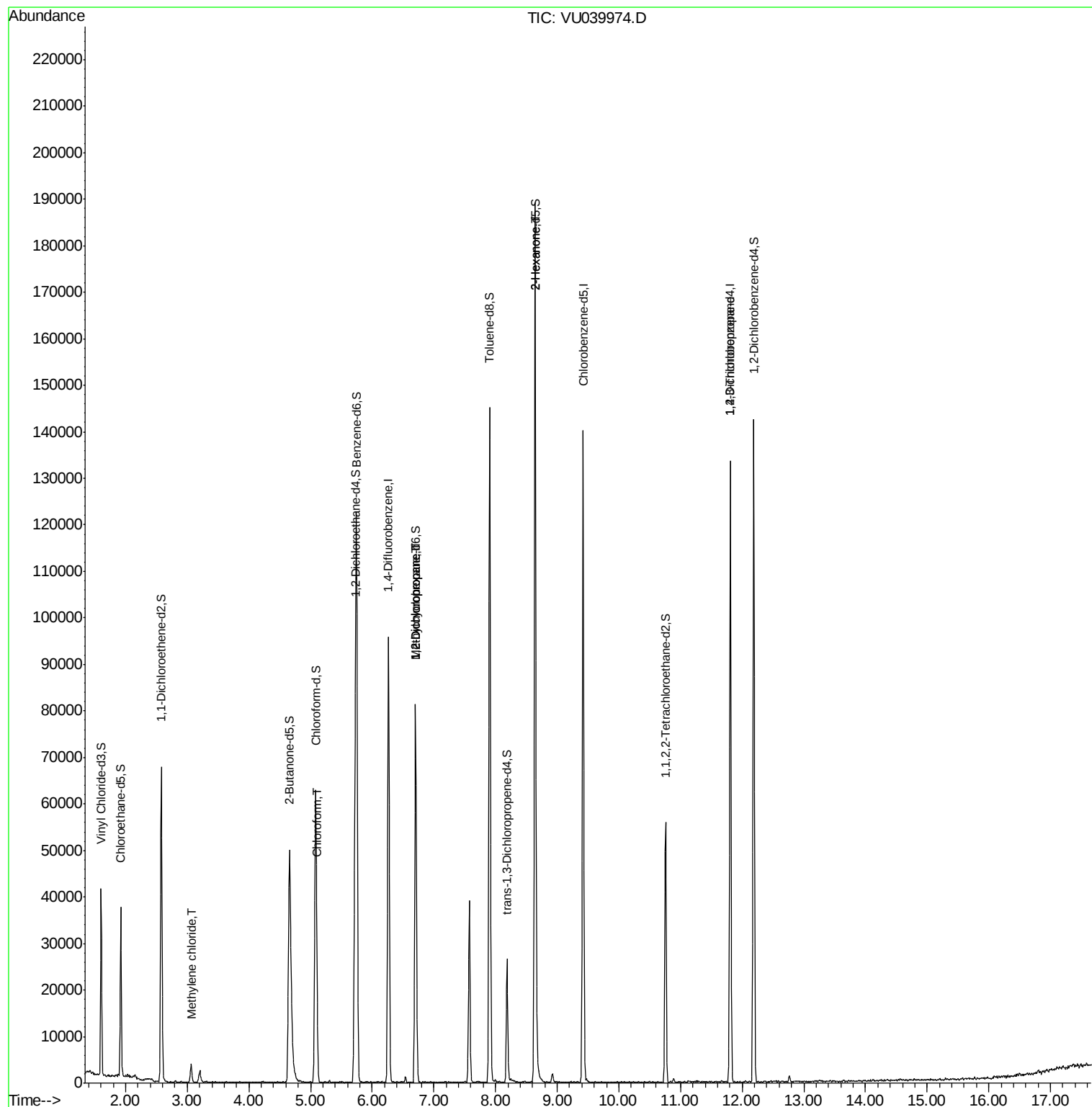
					Ovalue
16) Methylene chloride	3.06	84	1484	0.172 ug/L	93
25) Chloroform	5.11	83	2482	0.203 ug/L	84
35) Methylcyclohexane	6.70	83	8000	0.789 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4159	0.614 ug/L #	85
48) 2-Hexanone	8.64	43	8724	2.268 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	4457	0.918 ug/L	89

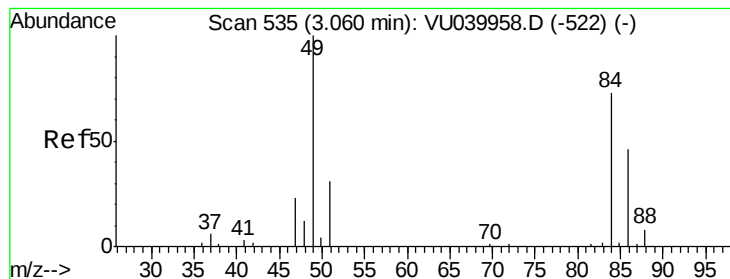
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.172 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

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ClientSampleId :

VHBLK02

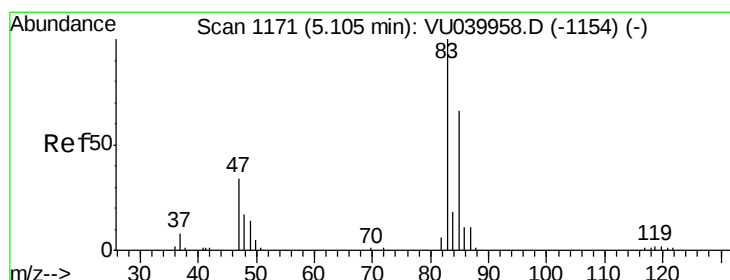
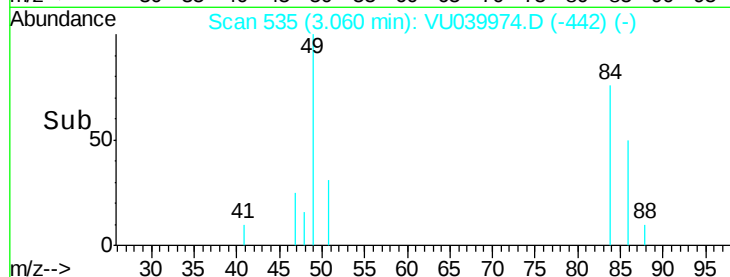
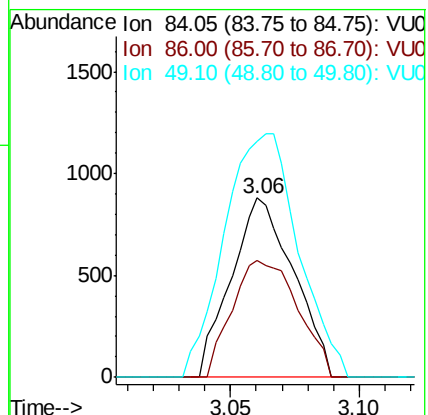
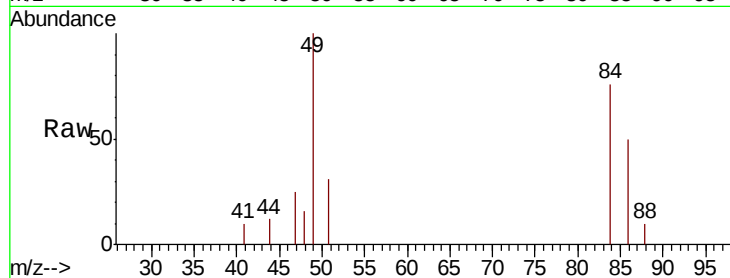
Tot Ion: 84 Resp: 1484

Ion Ratio Lower Upper

84 100

86 64.9 47.2 87.6

49 131.1 99.8 185.4



#25

Chloroform

Concen: 0.203 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039974.D

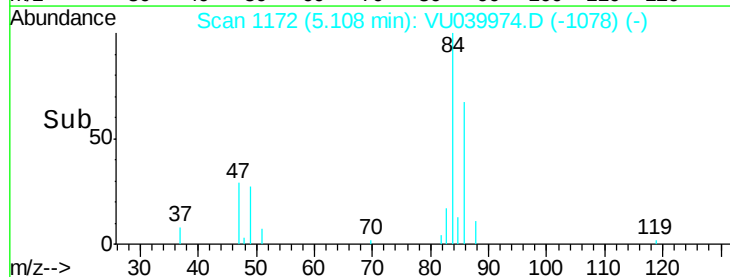
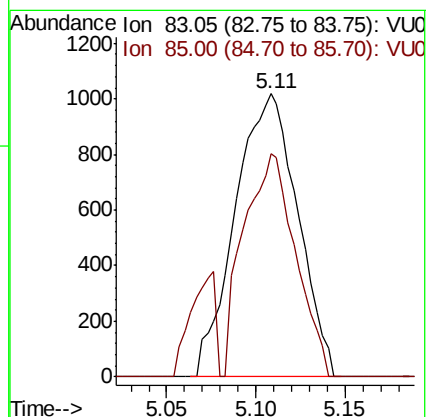
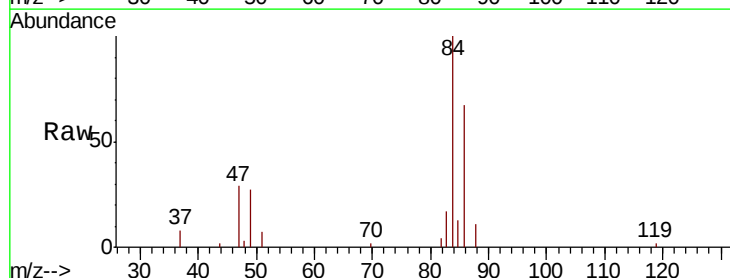
Acq: 25 Aug 2020 18:09

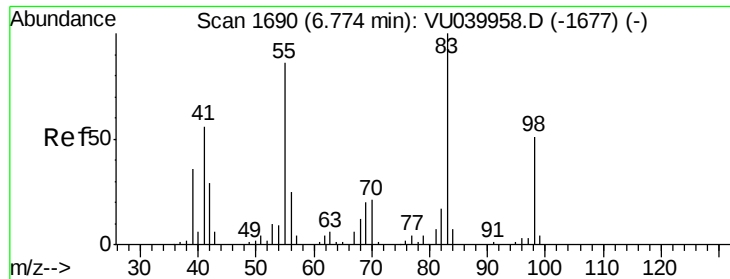
Tgt Ion: 83 Resp: 2482

Ion Ratio Lower Upper

83 100

85 79.0 46.4 86.2

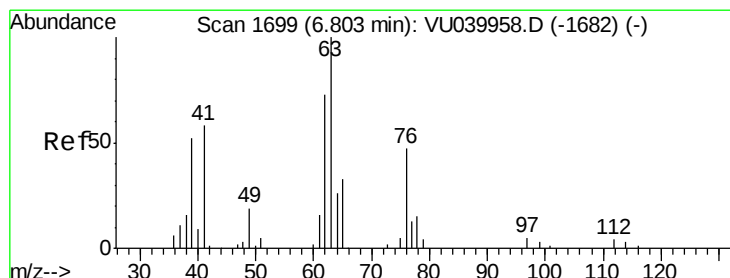
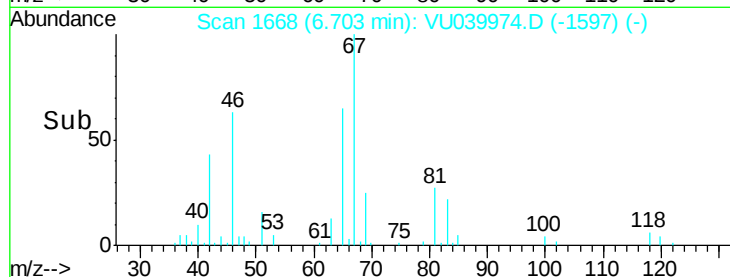
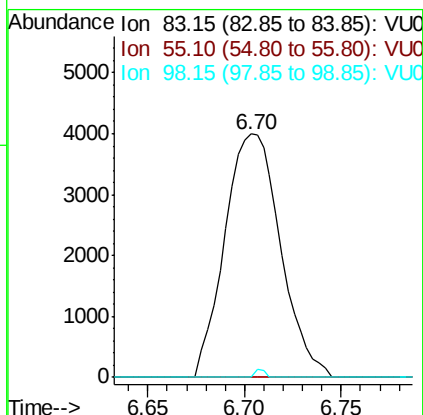
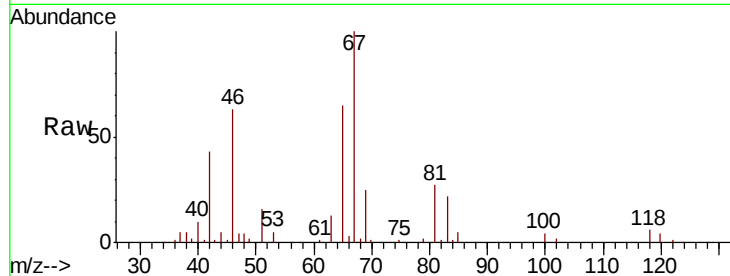




#35
Methvlcvclohexane
Concen: 0.789 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039974.D
Acq: 25 Aug 2020 18:09

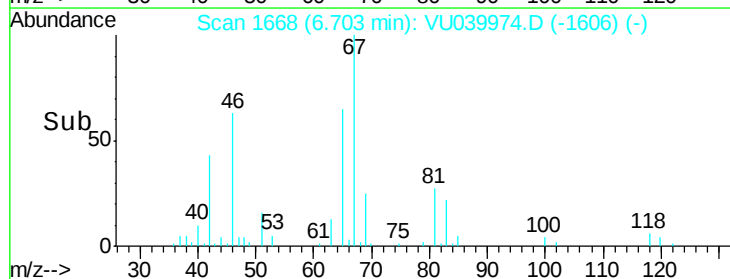
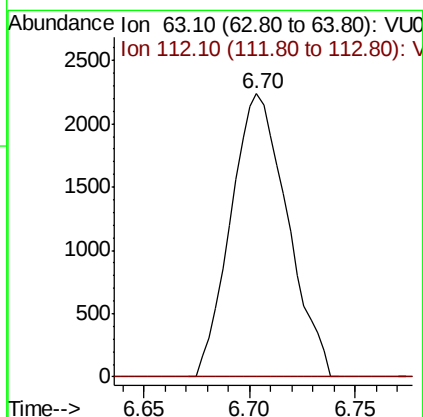
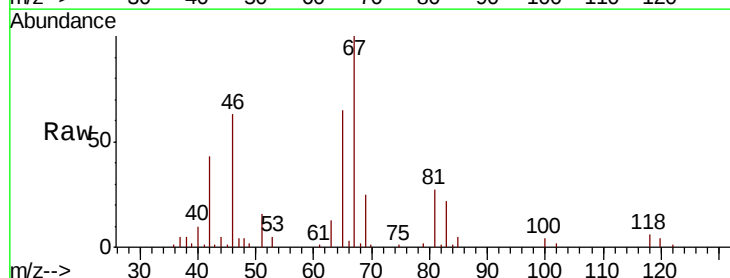
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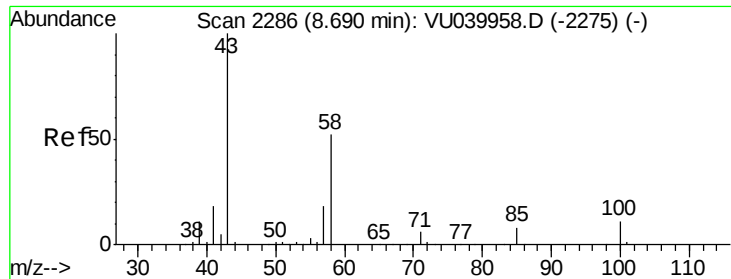
Tot Ion: 83 Resp: 8000
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 0.6 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039974.D
Acq: 25 Aug 2020 18:09

Tgt Ion: 63 Resp: 4159
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

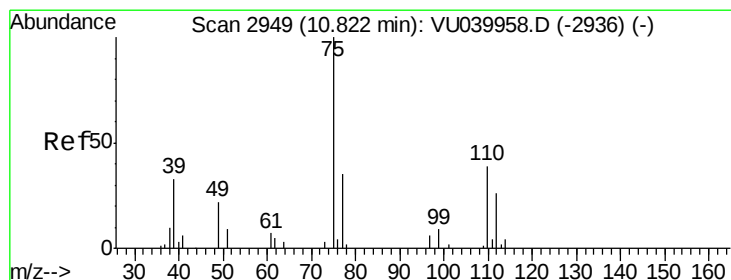
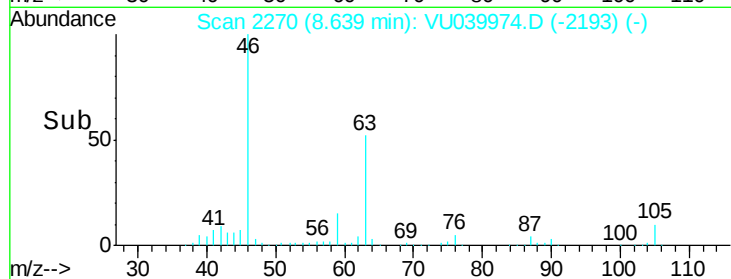
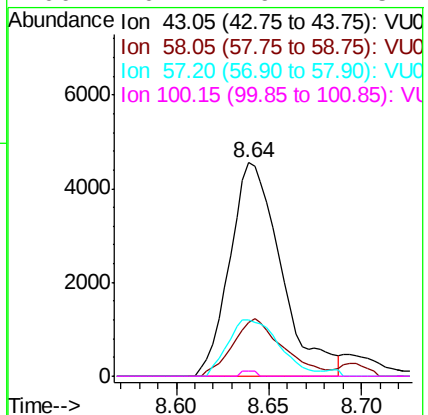
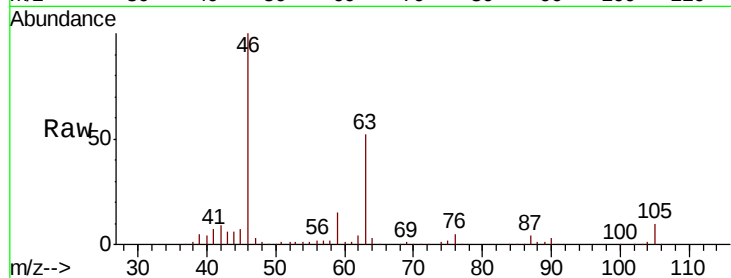




#48
2-Hexanone
Concen: 2.268 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU039974.D
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Tot Ion: 43 Resp: 8724
Ion Ratio Lower Upper
43 100
58 26.8 41.3 61.9#
57 26.6 14.1 21.1#
100 0.7 9.1 13.7#



#59
1,2,3-Trichloropropane
Concen: 0.918 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039974.D
Acq: 25 Aug 2020 18:09

Tgt Ion: 75 Resp: 4457
Ion Ratio Lower Upper
75 100
77 40.9 27.4 41.2

