

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
 Data File : VU039952.D
 Acq On : 24 Aug 2020 17:23
 Operator : SY/MD
 Sample : L3782-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK03

Quant Time: Aug 25 02:05:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 25 02:02:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68944	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26164	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.92	69	22377	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.58	63	40108	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.66	46	81153	42.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.34%
24) Chloroform-d	5.08	84	50901	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	30426	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	99217	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	33573	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	86382	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.19	79	12501	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	58327	41.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.92%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25024	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	32851	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

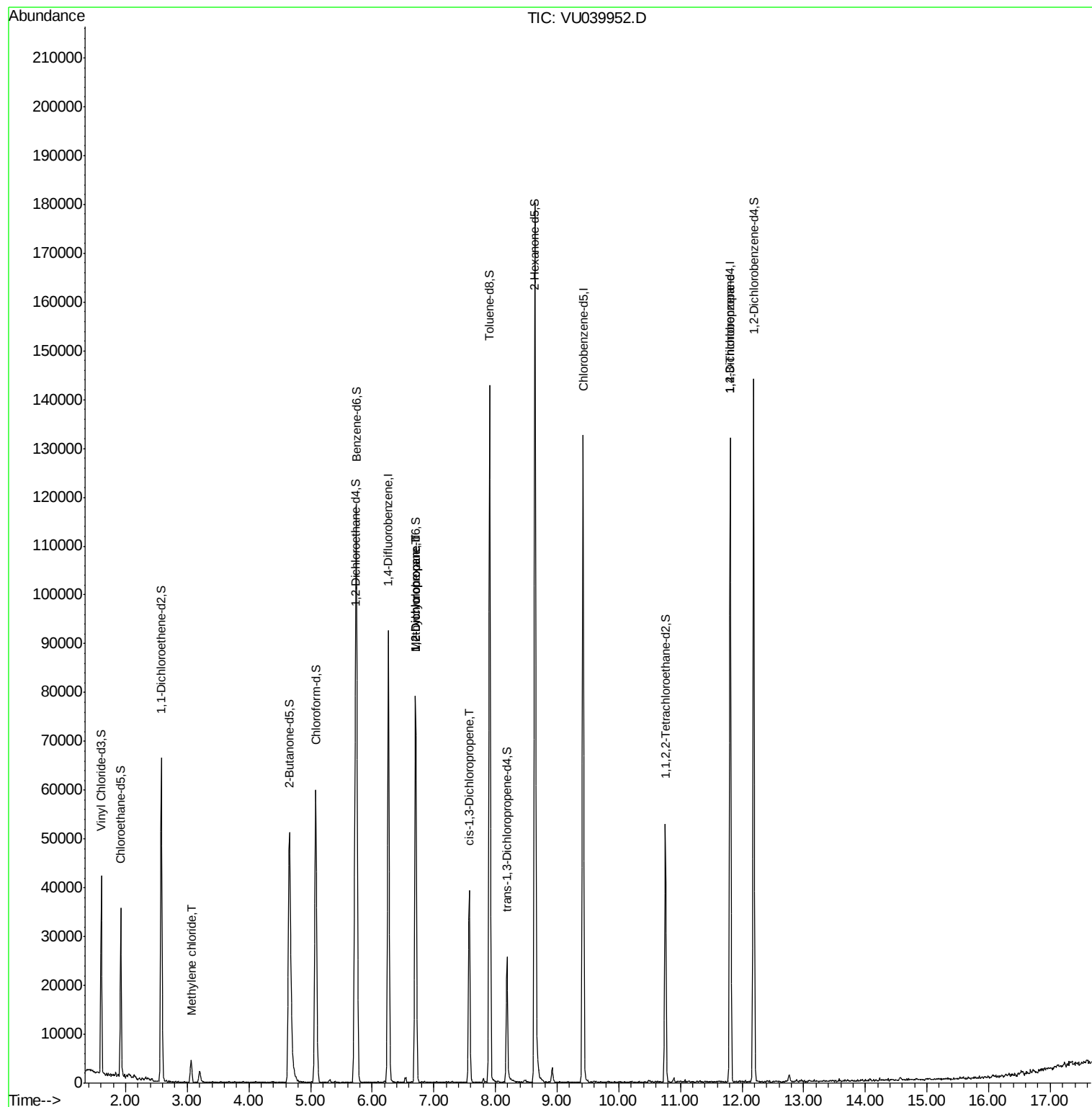
					Ovalue
16) Methylene chloride	3.06	84	1932	0.233 ug/L	96
35) Methylcyclohexane	6.71	83	7733	0.805 ug/L #	17
37) 1,2-Dichloropropane	6.71	63	4086	0.637 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1150	0.128 ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	4585	0.997 ug/L	90

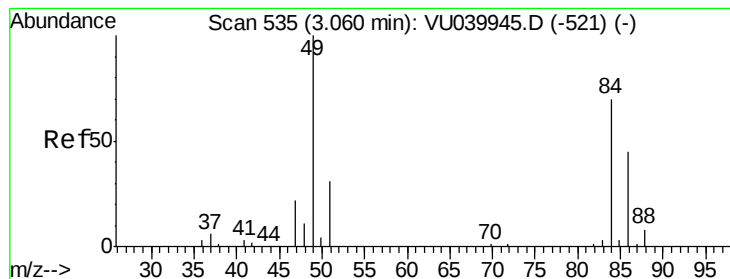
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.233 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039952.D

Acq: 24 Aug 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

VHBLK03

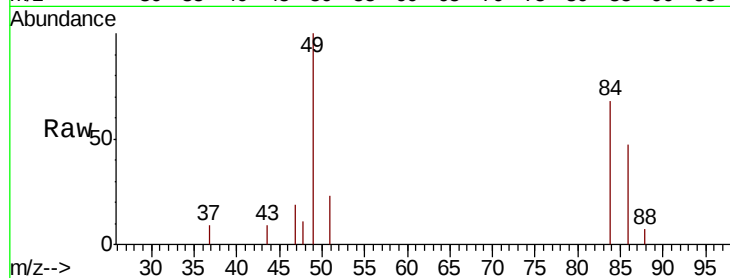
Tot Ion: 84 Resp: 1932

Ion Ratio Lower Upper

84 100

86 69.9 47.2 87.6

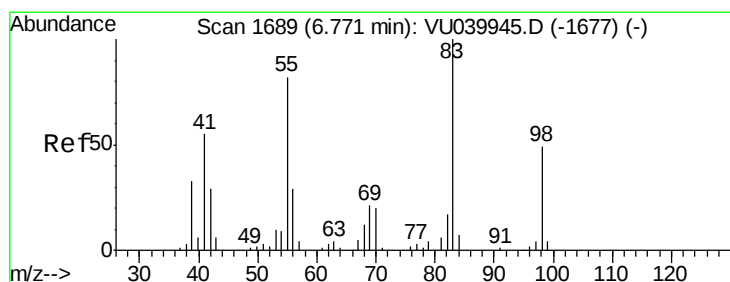
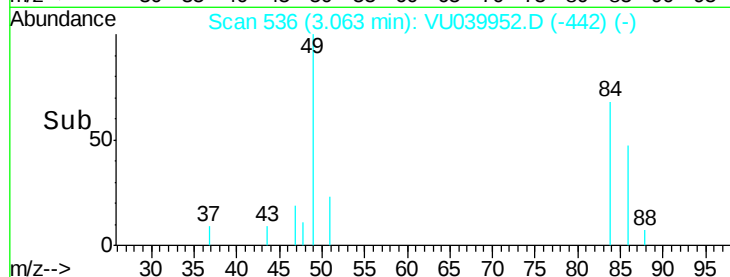
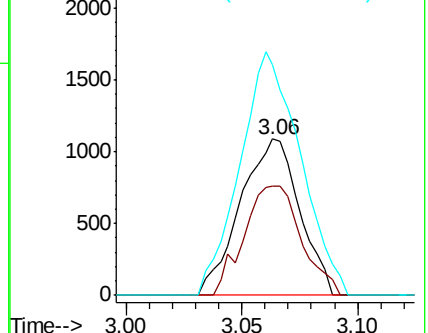
49 147.5 99.8 185.4



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: 0.805 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.06 min

Lab File: VU039952.D

Acq: 24 Aug 2020 17:23

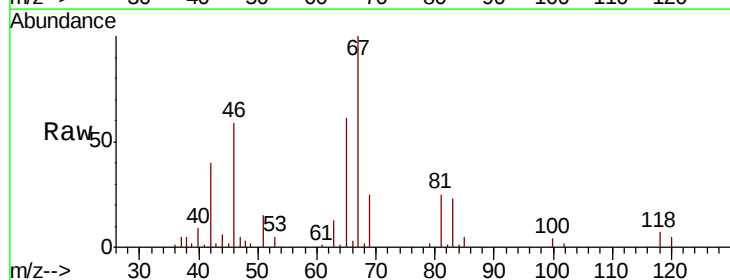
Tgt Ion: 83 Resp: 7733

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

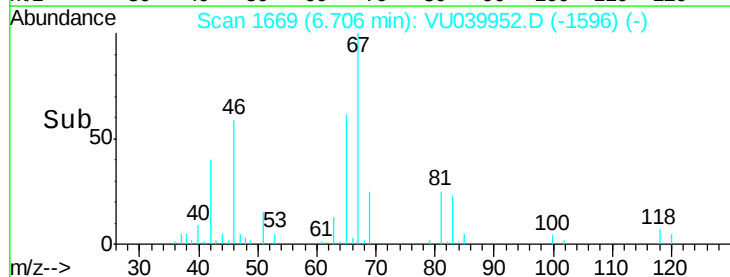
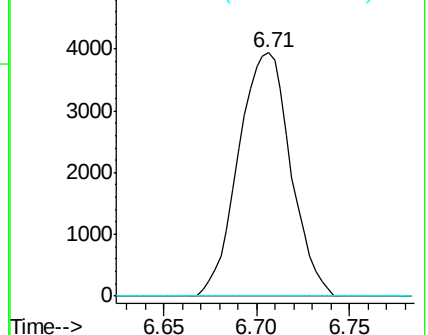
98 0.6 39.4 59.0#

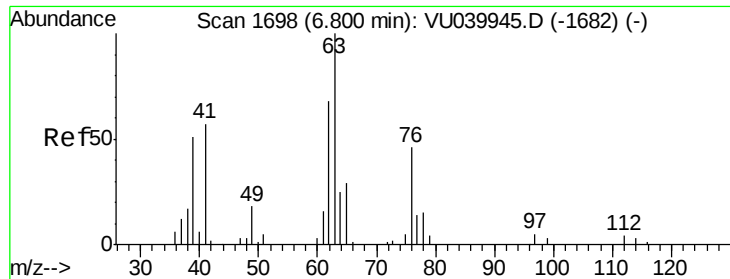


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

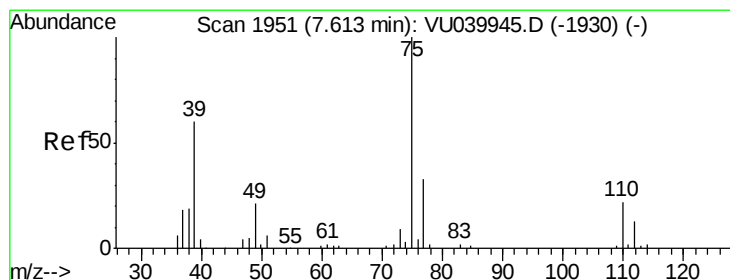
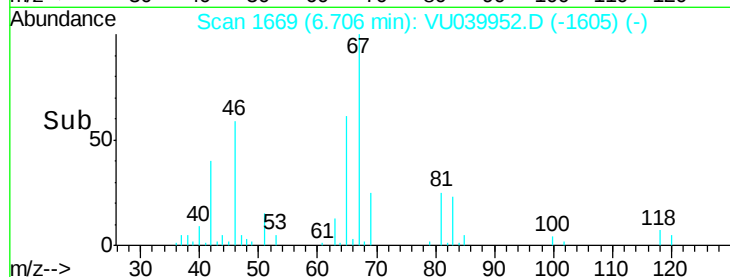
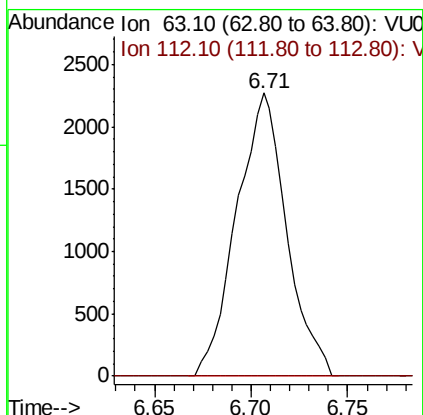
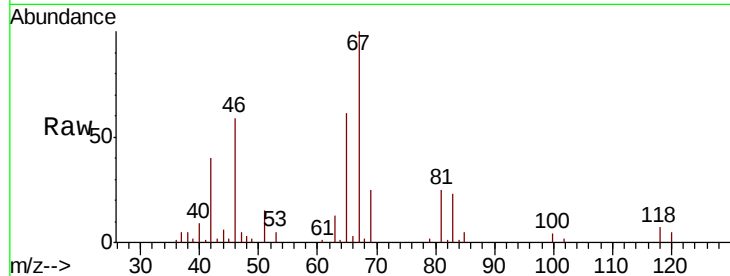




#37
 1,2-Dichloropropane
 Concen: 0.637 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU039952.D
 Acq: 24 Aug 2020 17:23

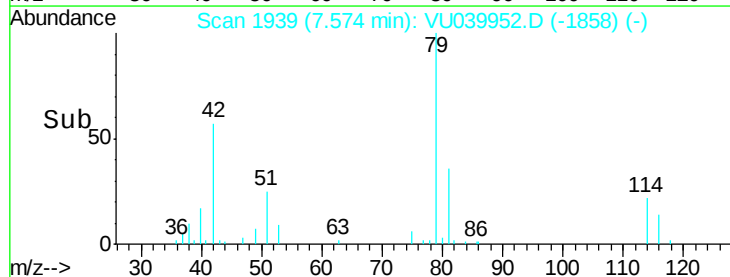
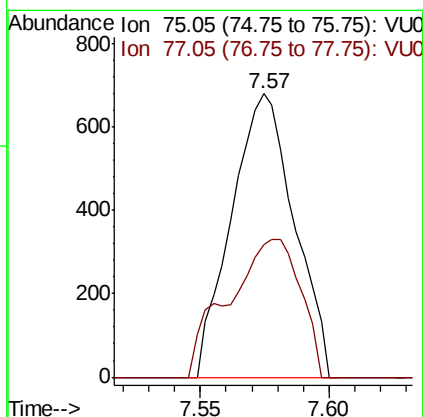
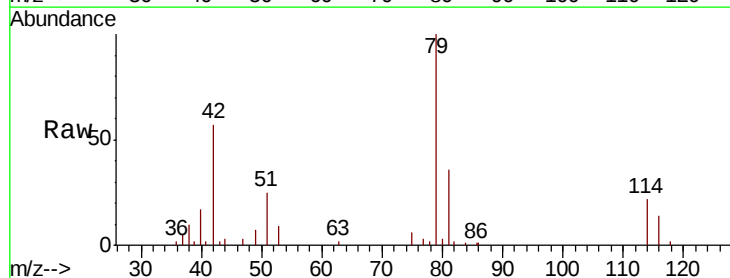
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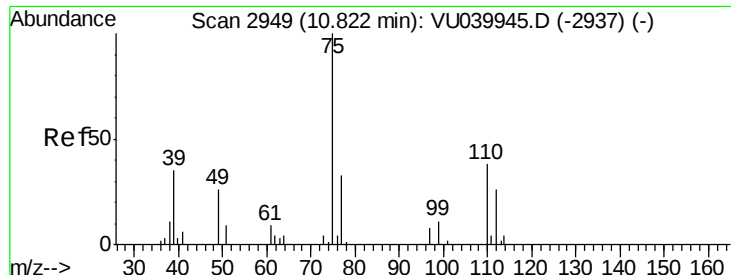
Tot Ion: 63 Resp: 4086
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.128 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039952.D
 Acq: 24 Aug 2020 17:23

Tgt Ion: 75 Resp: 1150
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 0.997 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039952.D

Acq: 24 Aug 2020 17:23

Instrument :

MSVOA_U

ClientSampleId :

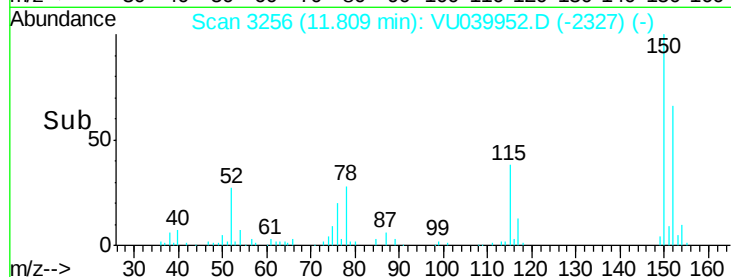
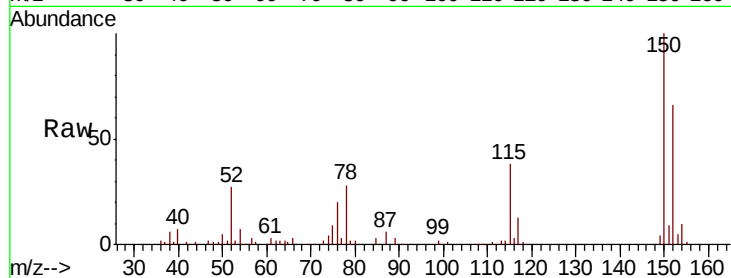
VHBLK03

Tot Ion: 75 Resp: 4585

Ion Ratio Lower Upper

75 100

77 39.9 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

