

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072420\
 Data File : VU039657.D
 Acq On : 24 Jul 2020 12:47
 Operator : SY/MD
 Sample : VU0724WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:48:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	225352	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	211413	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	97500	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69134	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.24%
7) Chloroethane-d5	1.92	69	73632	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.76%
11) 1,1-Dichloroethene-d2	2.58	63	113327	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	4.65	46	161420	95.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.31%
24) Chloroform-d	5.09	84	151707	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.72	65	109144	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
32) Benzene-d6	5.75	84	293008	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.71	67	94565	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.91	98	264499	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%
43) trans-1,3-Dichloropropene-	8.19	79	45203	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.64	63	99913	95.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.15%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	137753	45.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.38%
64) 1,2-Dichlorobenzene-d4	12.19	152	104692	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

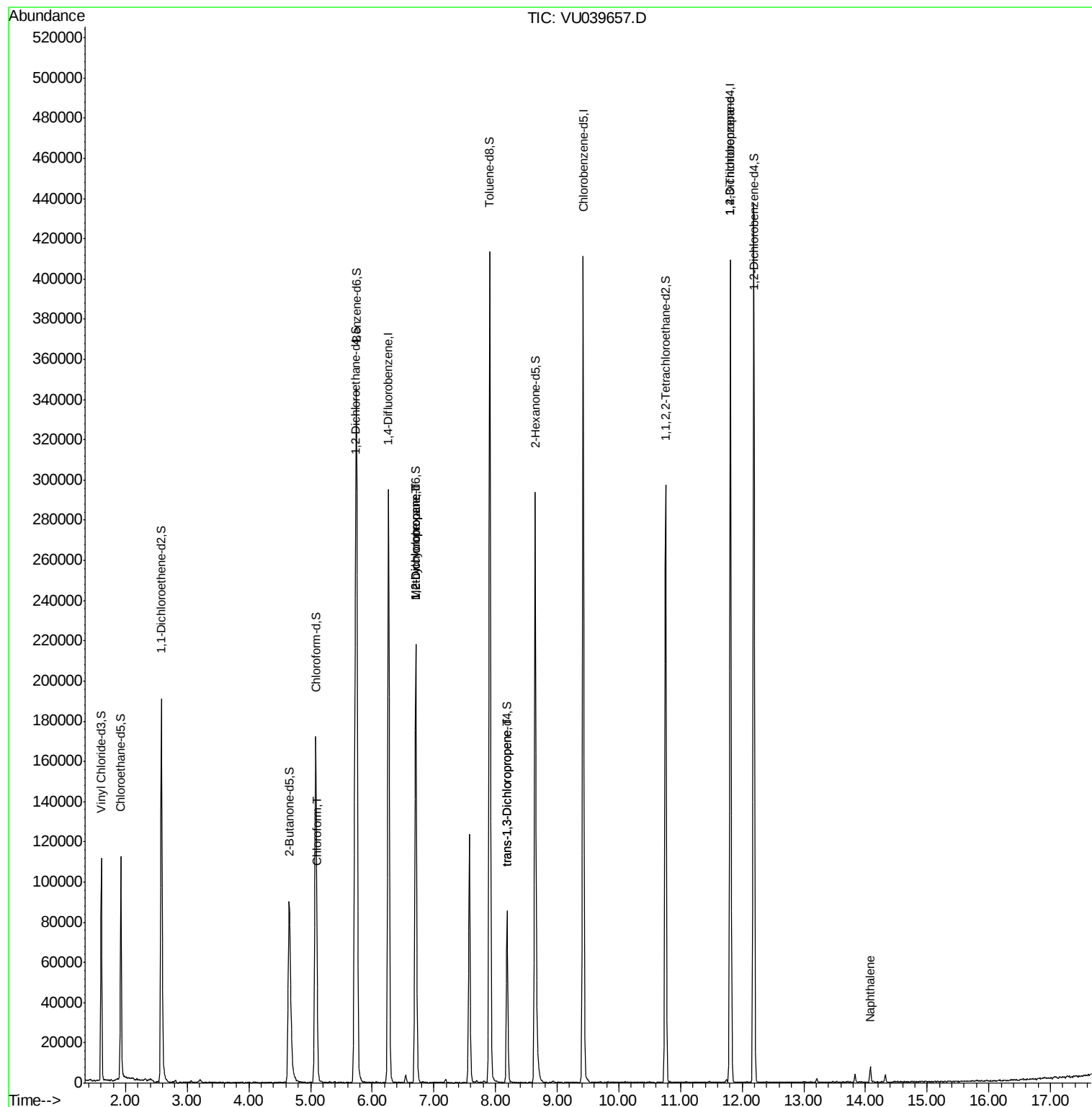
					Ovalue
25) Chloroform	5.11	83	3773	1.218 ug/L	89
35) Methylcyclohexane	6.71	83	22245	9.335 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	10972	6.955 ug/L #	89
44) trans-1,3-Dichloropropene	8.19	75	2766	1.198 ug/L #	77
59) 1,2,3-Trichloropropane	11.81	75	13892	6.069 ug/L	90
69) Naphthalene	14.08	128	6458	1.178 ug/L	95

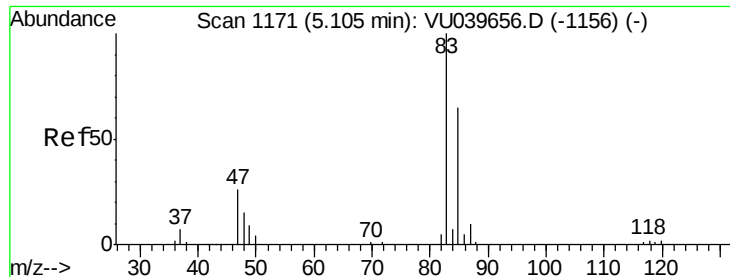
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 25 06:47:25 2020
Response via : Initial Calibration

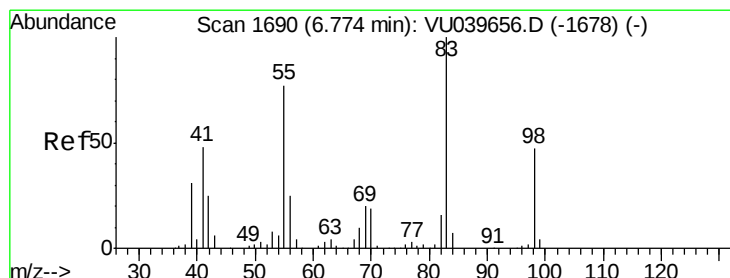
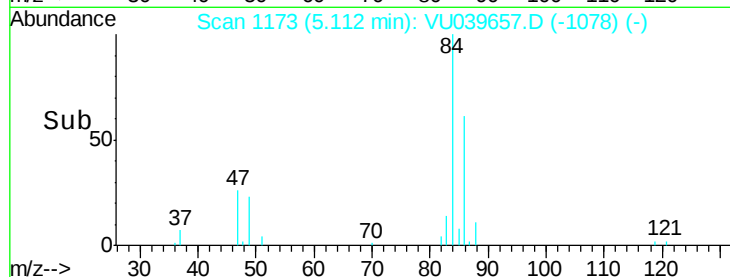
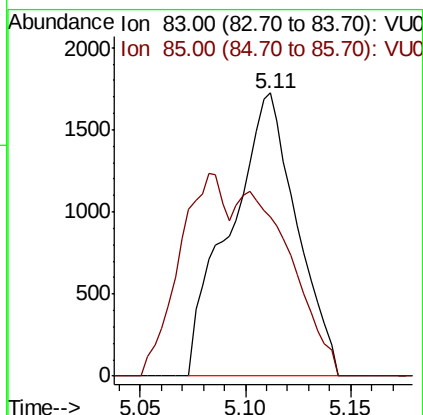
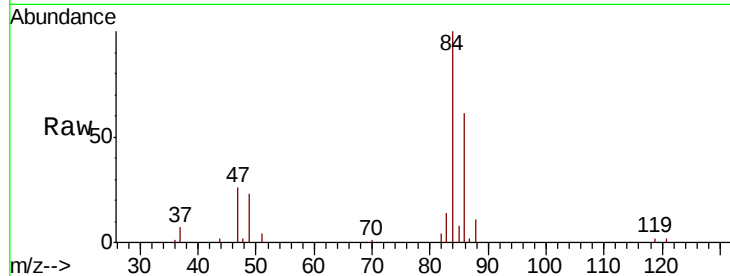




#25
Chloroform
Concen: 1.218 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU039657.D
Acq: 24 Jul 2020 12:47

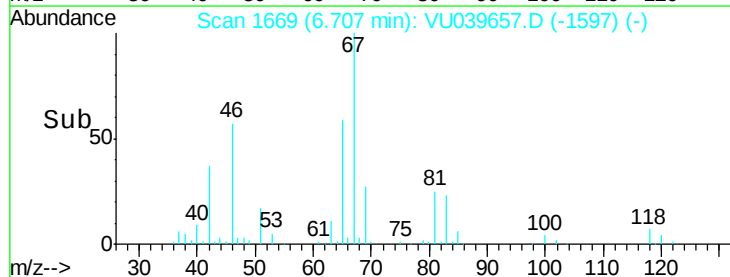
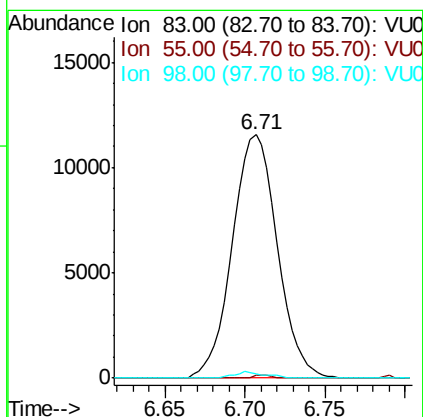
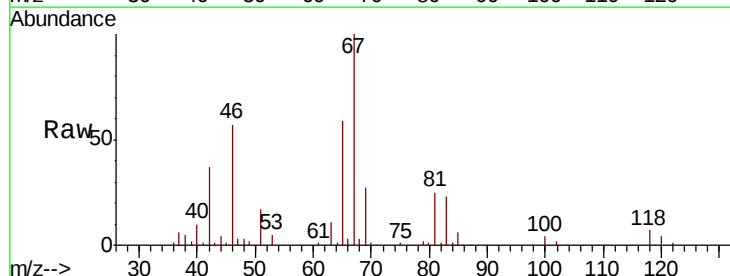
Instrument :
MSVOA_U
ClientSampleId :

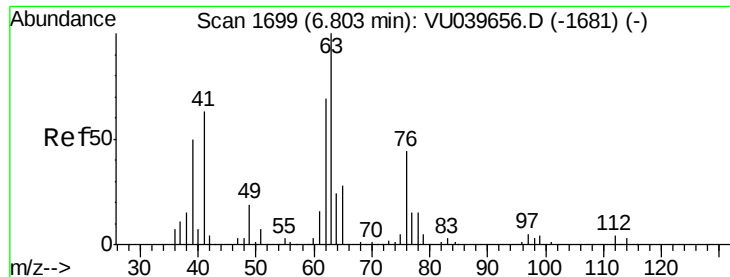
Tot Ion: 83 Resp: 3773
Ion Ratio Lower Upper
83 100
85 56.2 45.6 84.6



#35
Methylcyclohexane
Concen: 9.335 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039657.D
Acq: 24 Jul 2020 12:47

Tgt Ion: 83 Resp: 22245
Ion Ratio Lower Upper
83 100
55 0.5 62.9 94.3#
98 1.5 36.3 54.5#

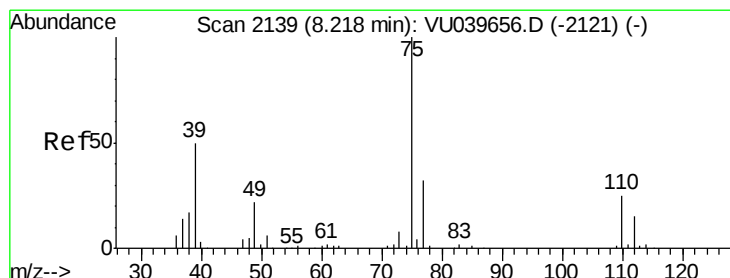
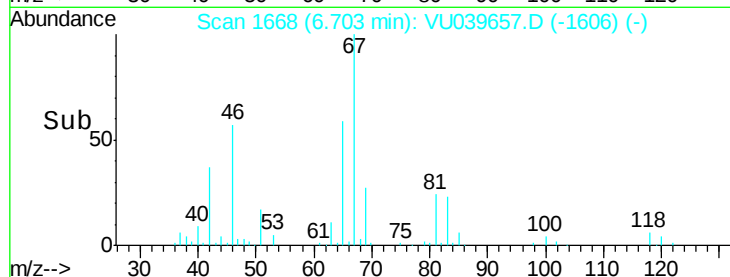
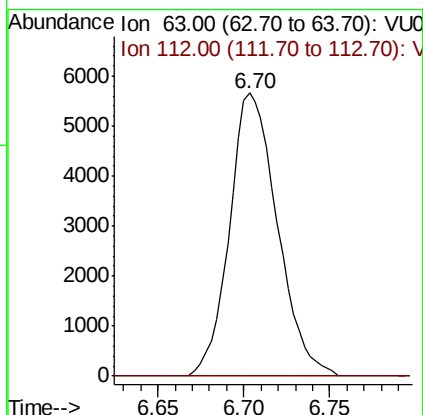
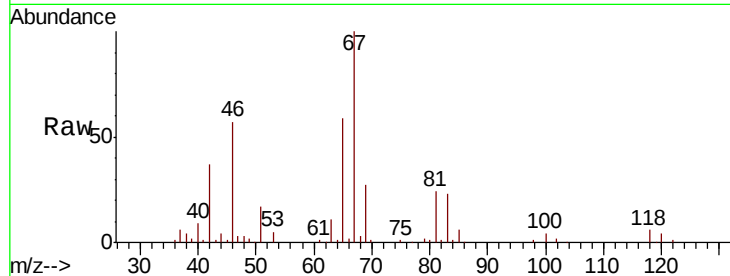




#37
 1,2-Dichloropropane
 Concen: 6.955 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039657.D
 Acq: 24 Jul 2020 12:47

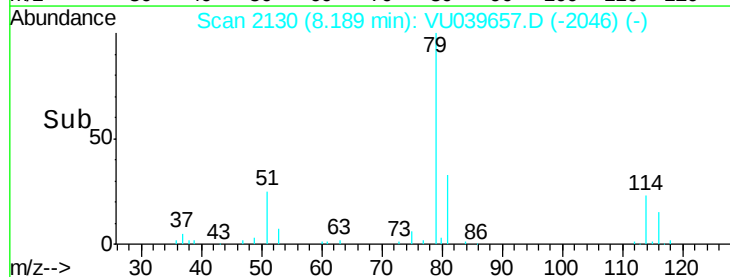
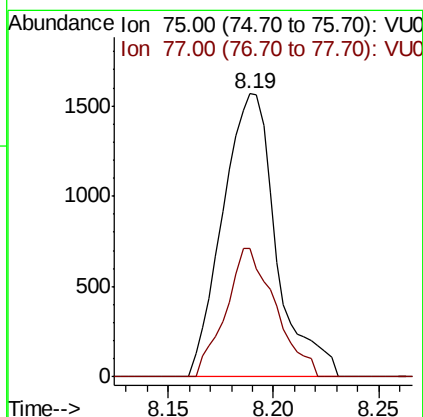
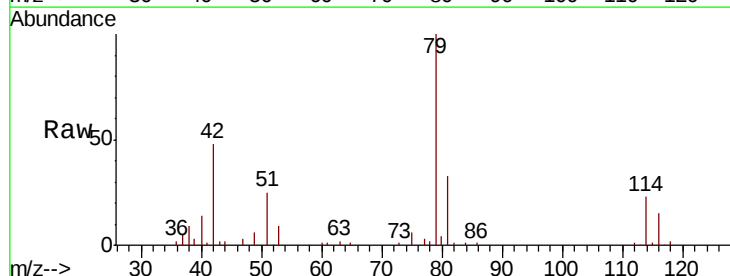
Instrument :
 MSVOA_U
 ClientSampleId :

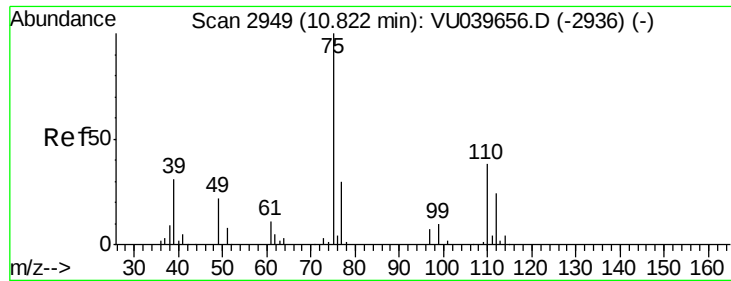
Tot Ion: 63 Resp: 10972
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#44
 trans-1,3-Dichloropropene
 Concen: 1.198 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU039657.D
 Acq: 24 Jul 2020 12:47

Tgt Ion: 75 Resp: 2766
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 6.069 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039657.D

Acq: 24 Jul 2020 12:47

Instrument :

MSVOA_U

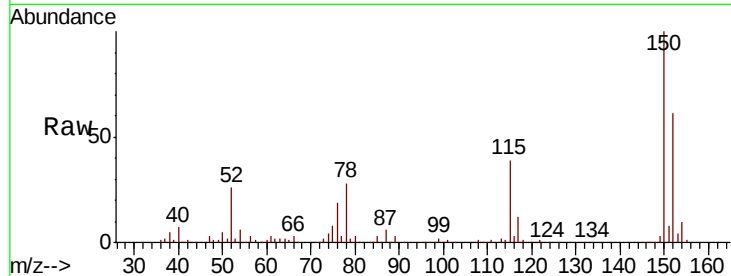
ClientSampleId :

Tot Ion: 75 Resp: 13892

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU039657.D (-3256) (-)

Ion 77.00 (76.70 to 77.70): VU039657.D (-3256) (-)

11.81

8000

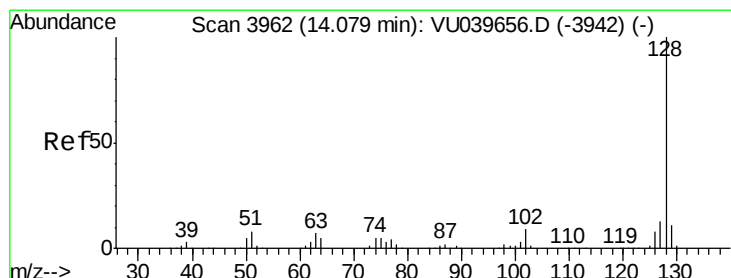
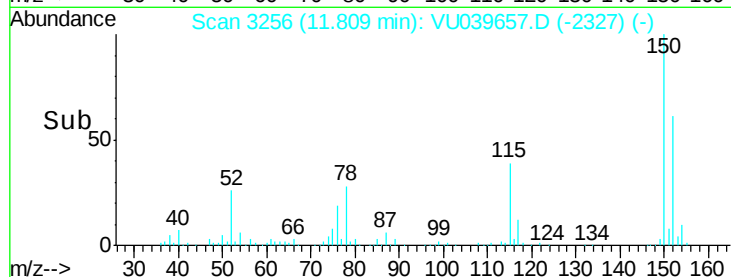
6000

4000

2000

0

Time-->



#69

Naphthalene

Concen: 1.178 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039657.D

Acq: 24 Jul 2020 12:47

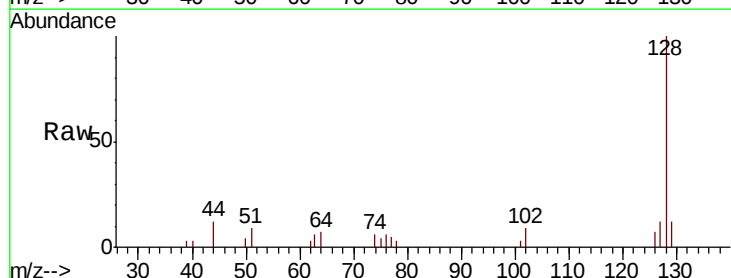
Tgt Ion: 128 Resp: 6458

Ion Ratio Lower Upper

128 100

127 10.8 10.7 16.1

129 9.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): VU039657.D (-3962) (-)

Ion 127.00 (126.70 to 127.70): VU039657.D (-3962) (-)

Ion 129.00 (128.70 to 129.70): VU039657.D (-3962) (-)

14.08

5000

4000

3000

2000

1000

0

Time-->

