

Data File : VU036792.D
Acq On : 14 Feb 2020 17:20
Operator : JC/MD
Sample : L1537-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ5

Quant Time: Feb 14 23:43:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	116792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	107757	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42473	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42737	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	40876	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	58734	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.67	46	117475	55.77	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.54%
24) Chloroform-d	5.11	84	75776	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.74	65	43705	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	164174	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.73	67	53704	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.92	98	147127	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.21	79	18708	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.66	63	97416	52.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42013	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	45327	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

					Qvalue
35) Methylcyclohexane	6.73	83	11858	0.883 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5902	0.650 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1259	0.096 ug/L #	33
48) 2-Hexanone	8.66	43	11312	2.257 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	6462	1.078 ug/L	94
69) Naphthalene	14.12	128	2280	0.162 ug/L #	84

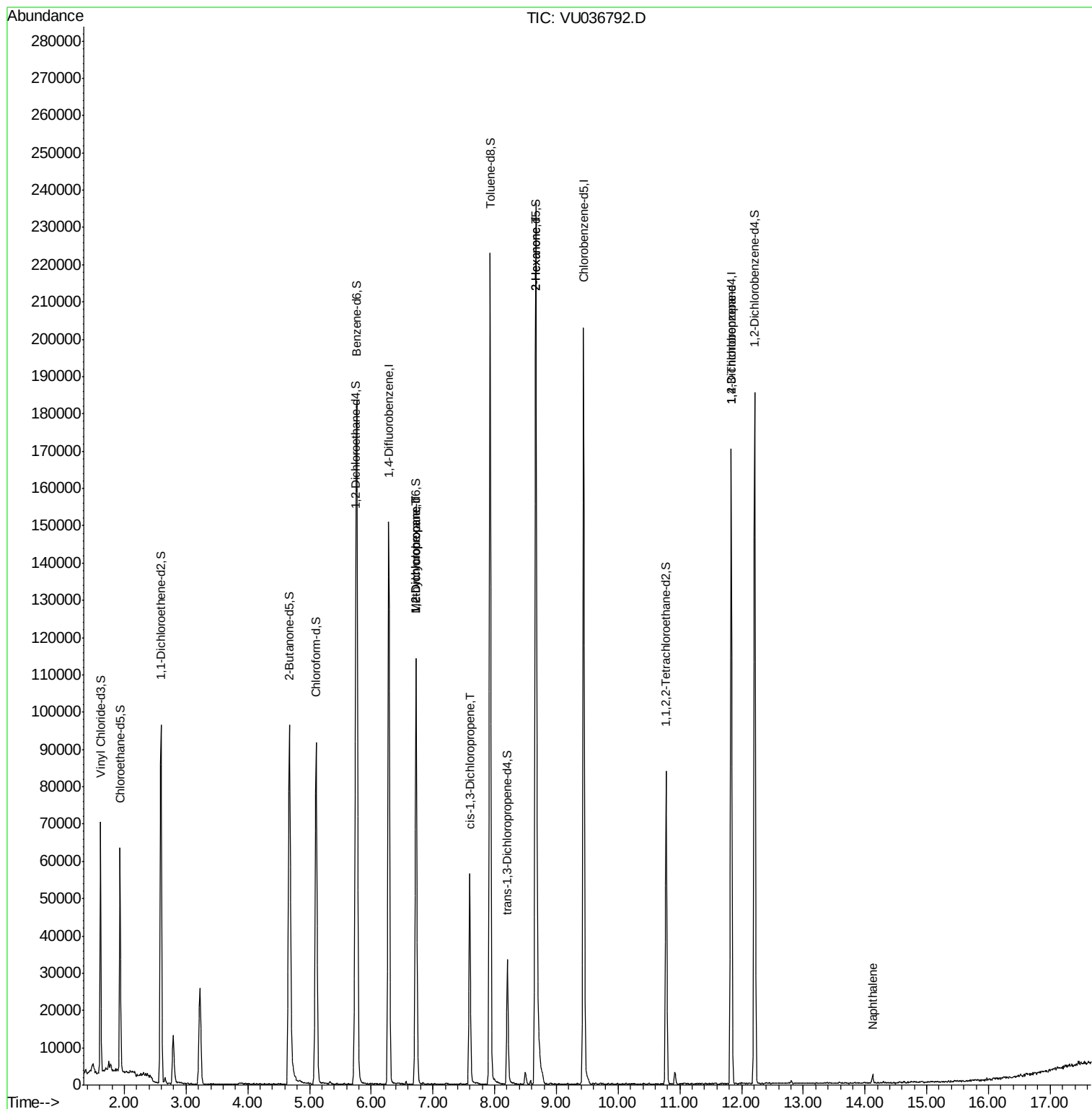
(#) = qualifier out of range (m) = manual integration (+) = signals summed

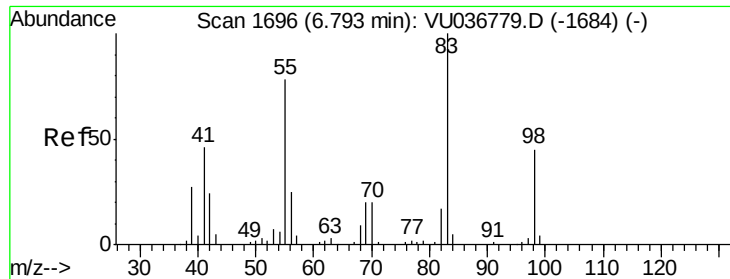
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MSVOA_U
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QLast Update : Fri Feb 14 23:39:59 2020
Response via : Initial Calibration

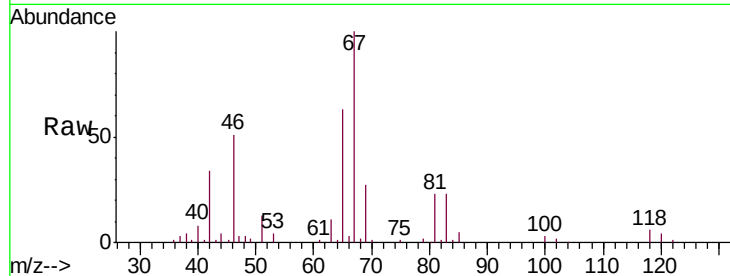




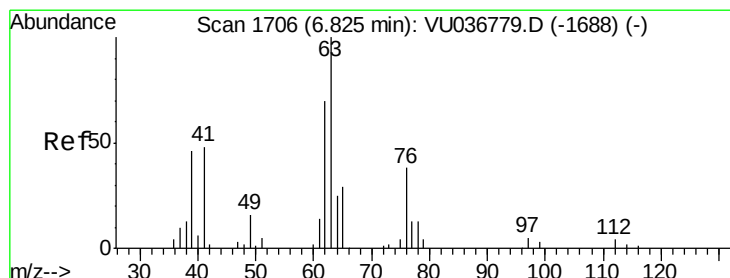
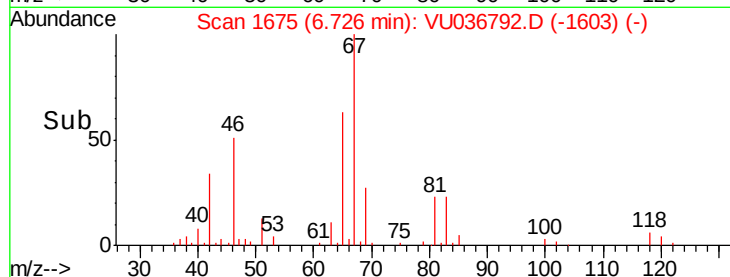
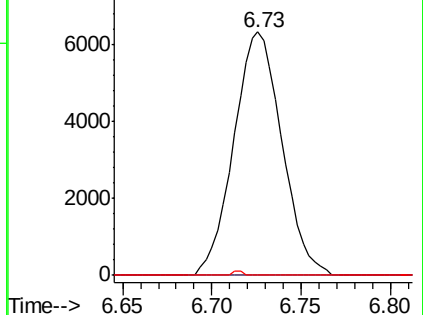
#35
Methylcyclohexane
Concen: 0.883 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036792.D
Acq: 14 Feb 2020 17:20

Instrument :
MSVOA_U
ClientSampleId :
C0AQ5

Tgt Ion: 83 Resp: 11858
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.4 34.2 51.4#

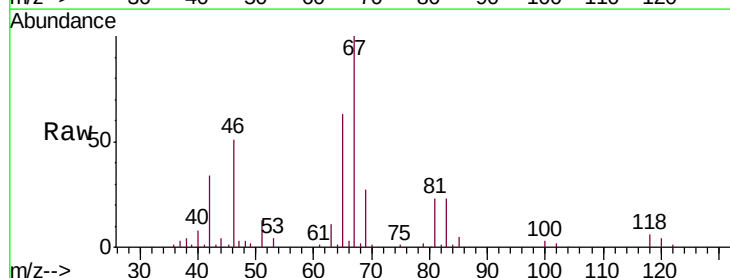


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

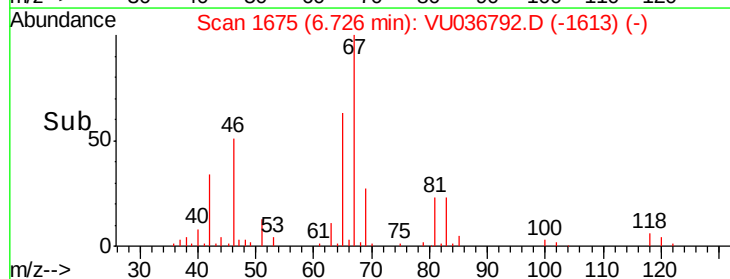
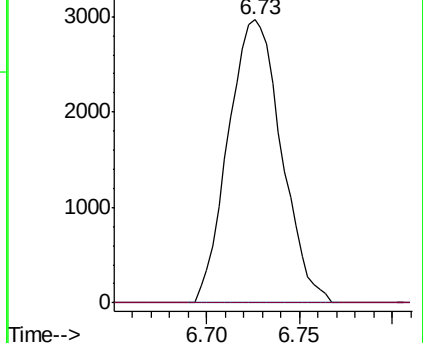


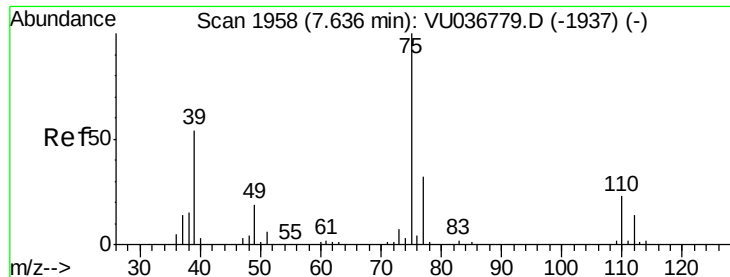
#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036792.D
Acq: 14 Feb 2020 17:20

Tgt Ion: 63 Resp: 5902
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

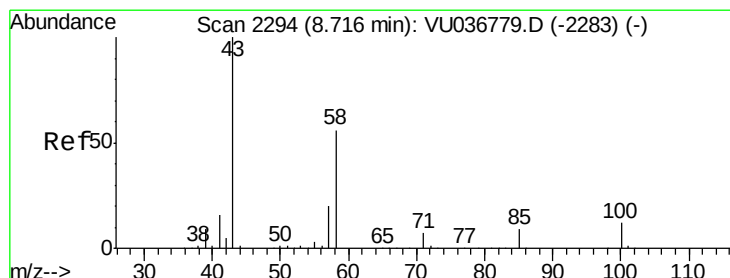
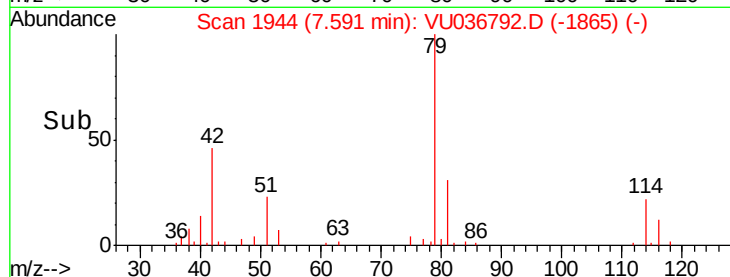
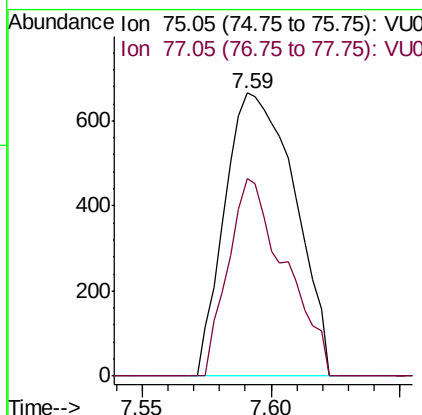
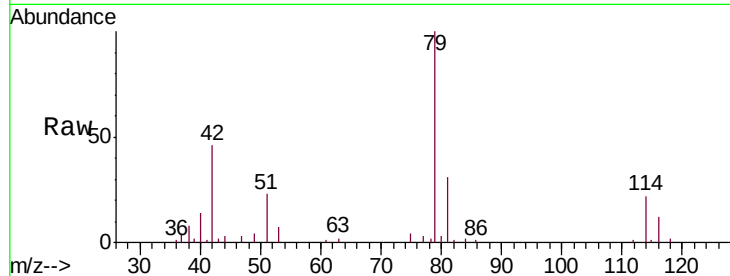




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU036792.D
 Acq: 14 Feb 2020 17:20

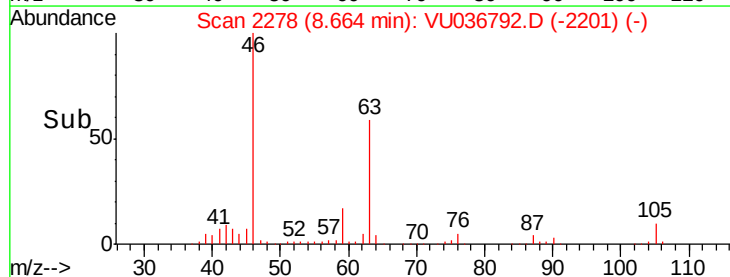
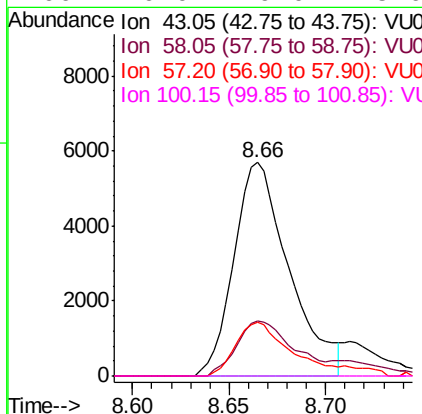
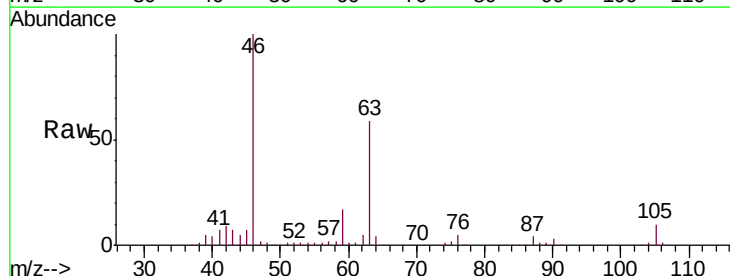
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ5

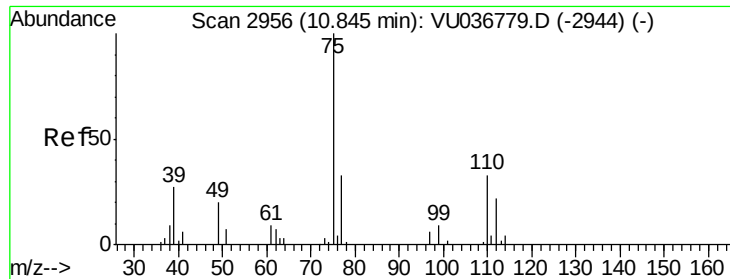
Tgt Ion: 75 Resp: 1259
 Ion Ratio Lower Upper
 75 100
 77 69.6 22.5 41.9#



#48
 2-Hexanone
 Concen: 2.257 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036792.D
 Acq: 14 Feb 2020 17:20

Tgt Ion: 43 Resp: 11312
 Ion Ratio Lower Upper
 43 100
 58 27.2 43.6 65.4#
 57 27.2 15.0 22.4#
 100 0.0 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.078 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036792.D

Acq: 14 Feb 2020 17:20

Instrument :

MSVOA_U

ClientSampleId :

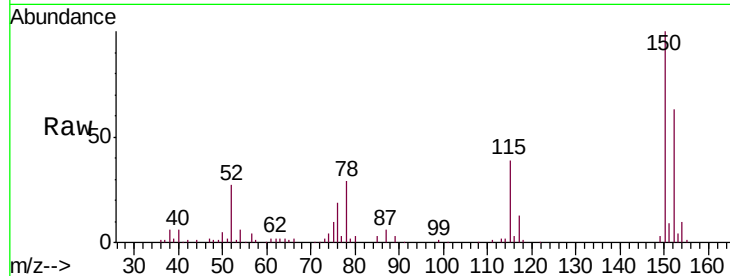
C0AQ5

Tgt Ion: 75 Resp: 6462

Ion Ratio Lower Upper

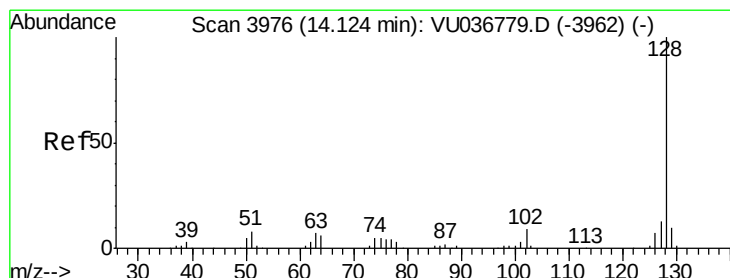
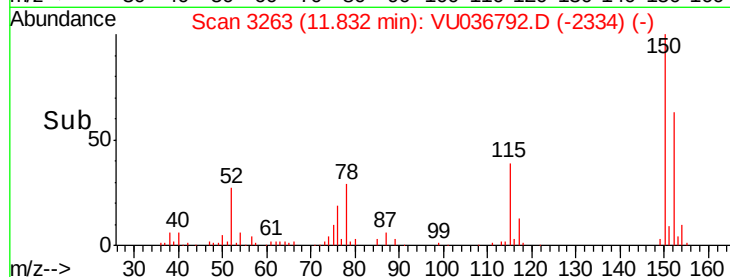
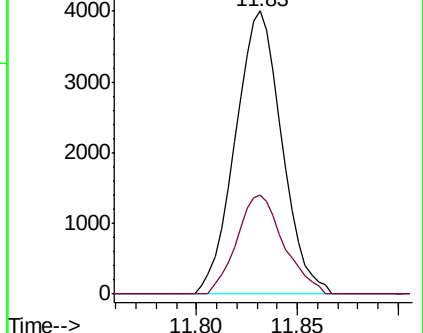
75 100

77 35.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU036779.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU036779.D (-2944) (-)



#69

Naphthalene

Concen: 0.162 ug/L

RT: 14.12 min Scan# 3976

Delta R.T. -0.00 min

Lab File: VU036792.D

Acq: 14 Feb 2020 17:20

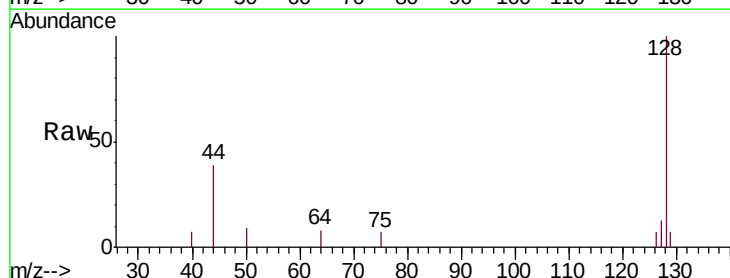
Tgt Ion: 128 Resp: 2280

Ion Ratio Lower Upper

128 100

129 3.9 9.0 13.4#

127 8.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): VU036779.D (-3962) (-)

Ion 129.00 (128.70 to 129.70): VU036779.D (-3962) (-)

Ion 127.00 (126.70 to 127.70): VU036779.D (-3962) (-)

