

Data File : VU036794.D
Acq On : 14 Feb 2020 18:10
Operator : JC/MD
Sample : L1537-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ7

Quant Time: Feb 14 23:43:59 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	117862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	110959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41916	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.93	69	39783	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	57410	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.67	46	115086	54.14	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.28%
24) Chloroform-d	5.11	84	74615	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	43854	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	162698	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.73	67	53373	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.92	98	145278	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.21	79	17641	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.66	63	95836	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41585	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	43988	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

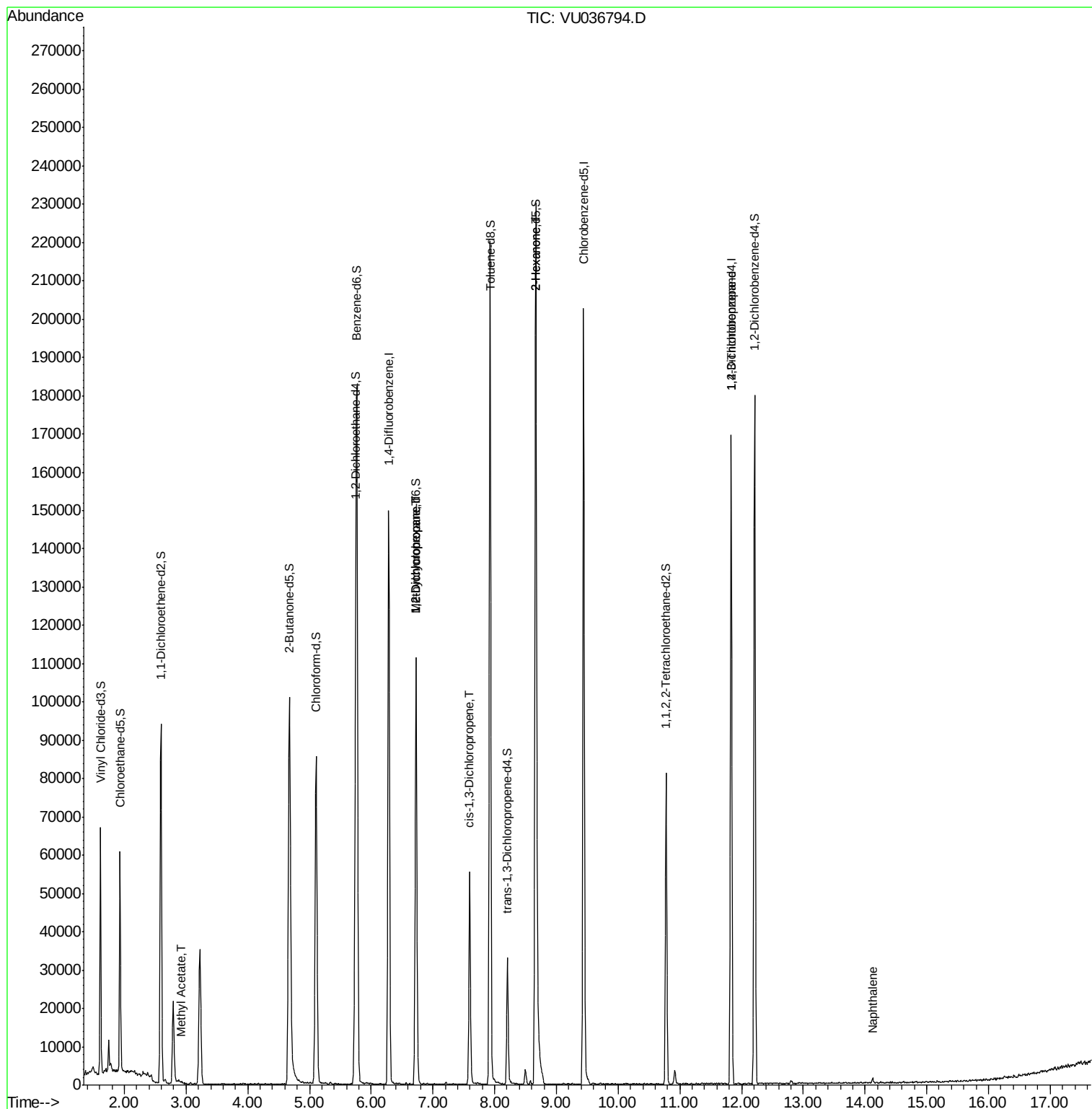
					Qvalue
15) Methyl Acetate	2.93	43	682	0.189 ug/L #	52
35) Methylcyclohexane	6.73	83	11038	0.798 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5585	0.598 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1399	0.103 ug/L #	72
48) 2-Hexanone	8.66	43	12476	2.418 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	6227	1.009 ug/L	89
69) Naphthalene	14.12	128	1567	0.111 ug/L #	77

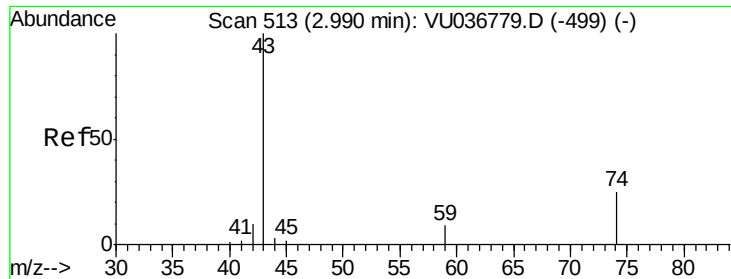
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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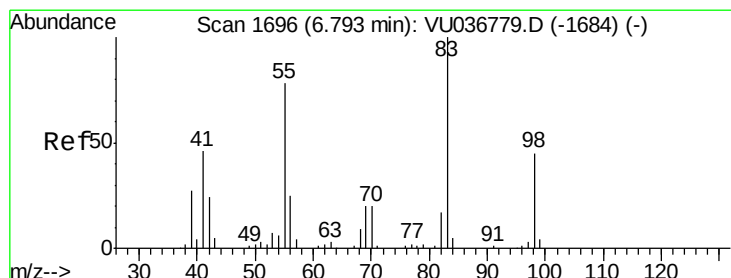
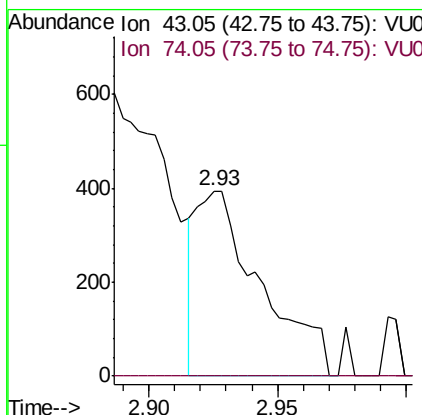
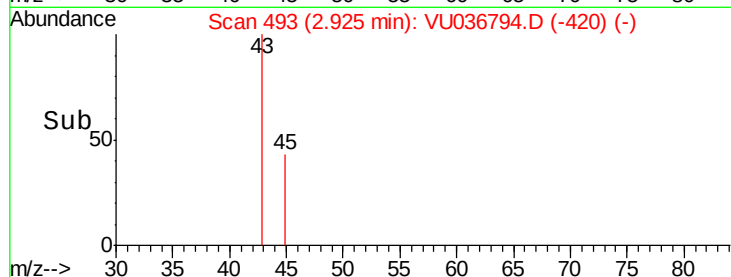
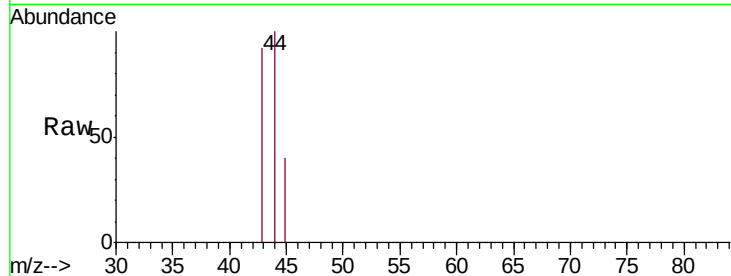




#15
Methyl Acetate
Concen: 0.189 ug/L
RT: 2.93 min Scan# 493
Delta R.T. -0.06 min
Lab File: VU036794.D
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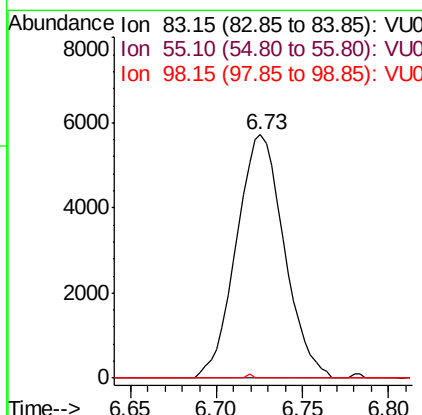
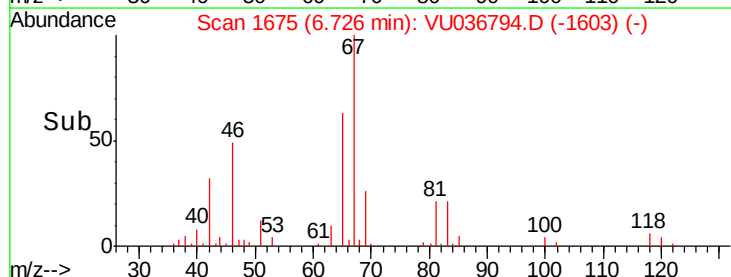
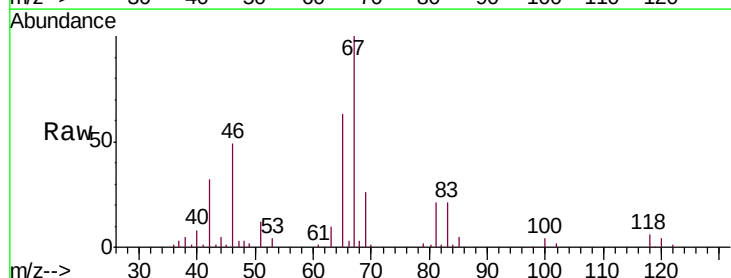
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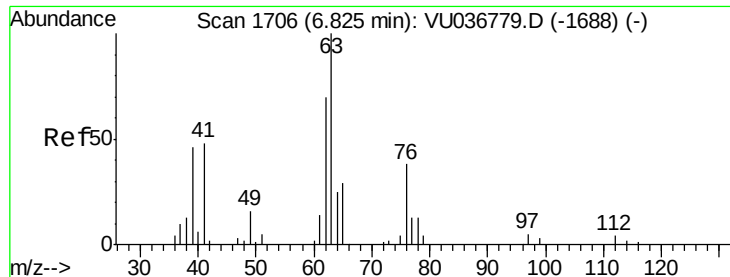
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#35
Methylcyclohexane
Concen: 0.798 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036794.D
Acq: 14 Feb 2020 18:10

Tgt Ion: 83 Resp: 11038
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.2 34.2 51.4#

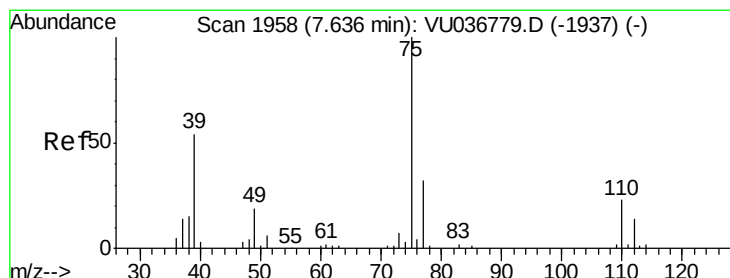
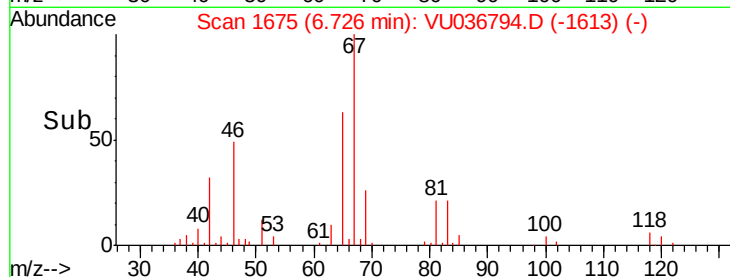
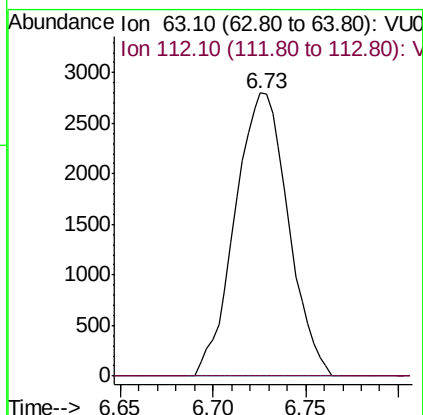
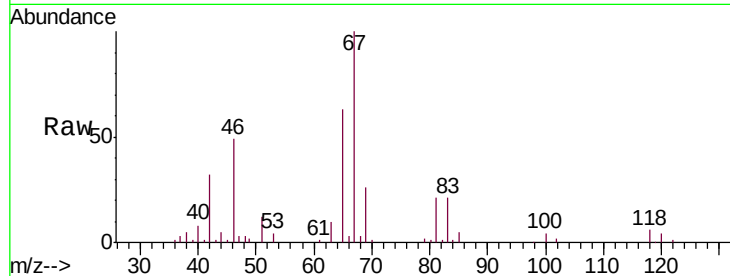




#37
 1,2-Dichloropropane
 Concen: 0.598 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036794.D
 Acq: 14 Feb 2020 18:10

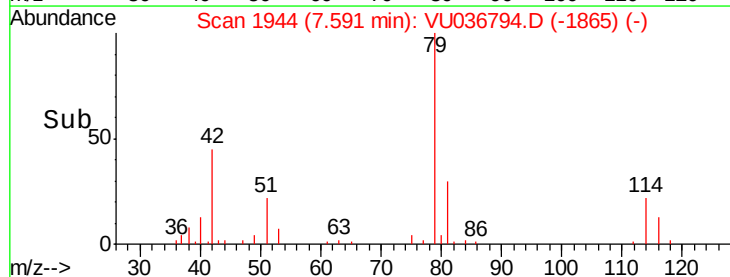
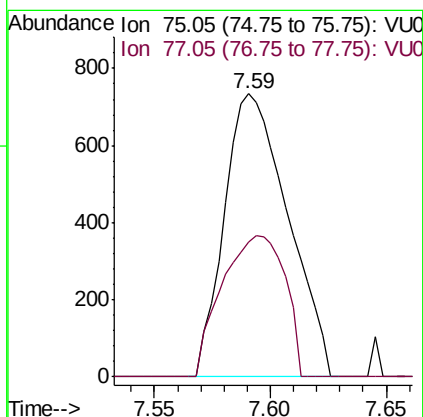
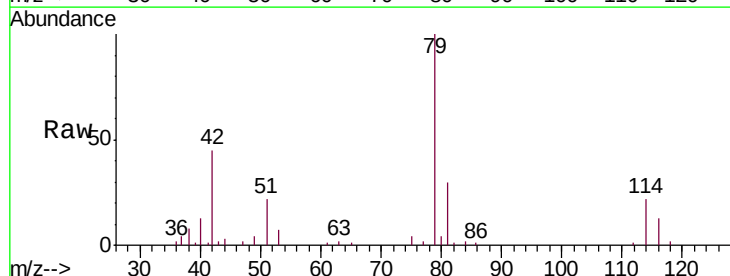
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 C0AQ7

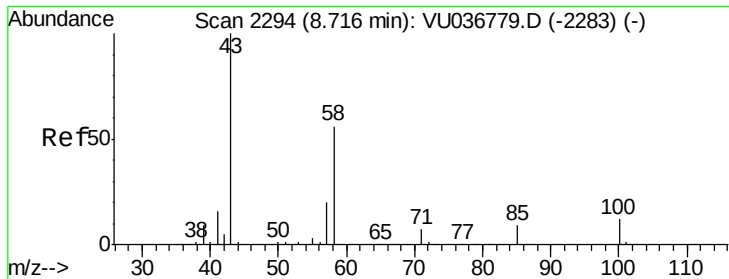
Tgt Ion: 63 Resp: 5585
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU036794.D
 Acq: 14 Feb 2020 18:10

Tgt Ion: 75 Resp: 1399
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.5 41.9#

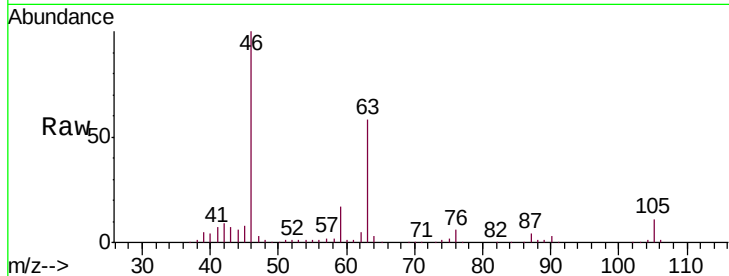




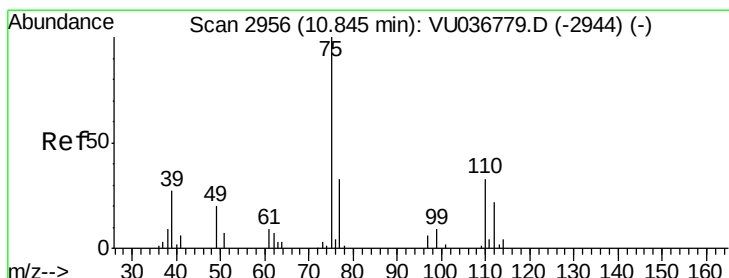
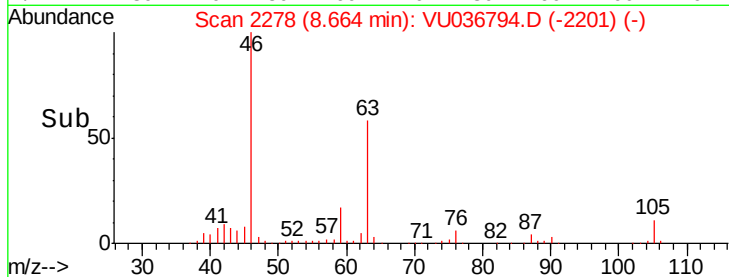
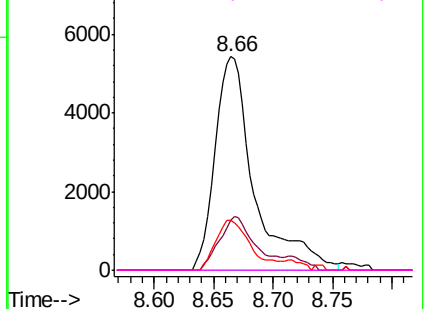
#48
 2-Hexanone
 Concen: 2.418 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036794.D
 Acq: 14 Feb 2020 18:10

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ7

Tgt Ion: 43 Resp: 12476
 Ion Ratio Lower Upper
 43 100
 58 23.1 43.6 65.4#
 57 20.8 15.0 22.4
 100 0.0 9.0 13.6#

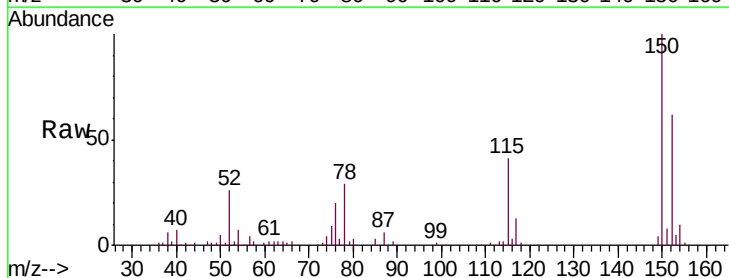


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0

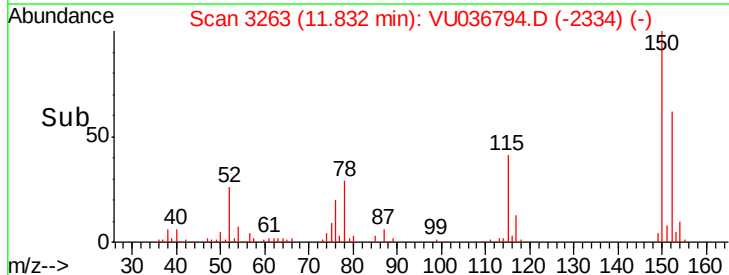
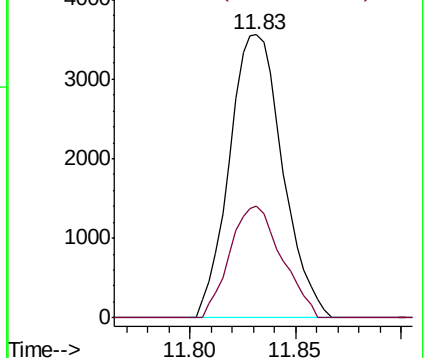


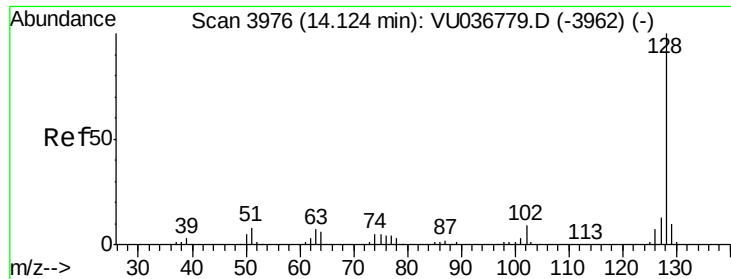
#59
 1,2,3-Trichloropropane
 Concen: 1.009 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036794.D
 Acq: 14 Feb 2020 18:10

Tgt Ion: 75 Resp: 6227
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.111 ug/L

RT: 14.12 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VU036794.D

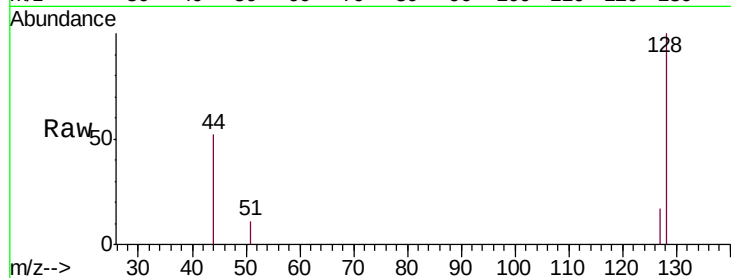
Acq: 14 Feb 2020 18:10

Instrument :

MSVOA_U

ClientSampleId :

C0AQ7



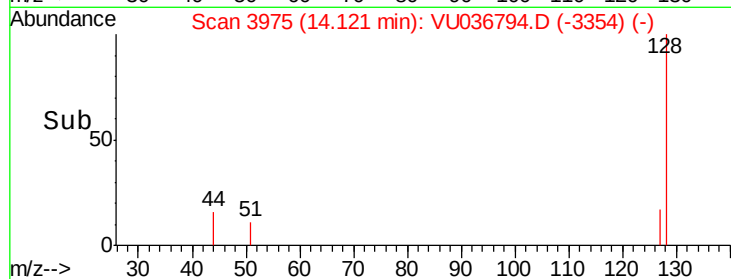
Tgt Ion:128 Resp: 1567

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.4#

127 6.7 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

