

Data File : VU036771.D
Acq On : 13 Feb 2020 14:54
Operator : JC/MD
Sample : L1487-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX0

Quant Time: Feb 14 00:20:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	128683	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	118442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52775	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44934	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.93	69	42406	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.59	63	63249	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.67	46	117789	50.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.50%
24) Chloroform-d	5.11	84	79618	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.74	65	45916	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.76	84	173978	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.73	67	55016	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.92	98	159758	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.21	79	20081	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.66	63	101919	50.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42389	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	52396	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

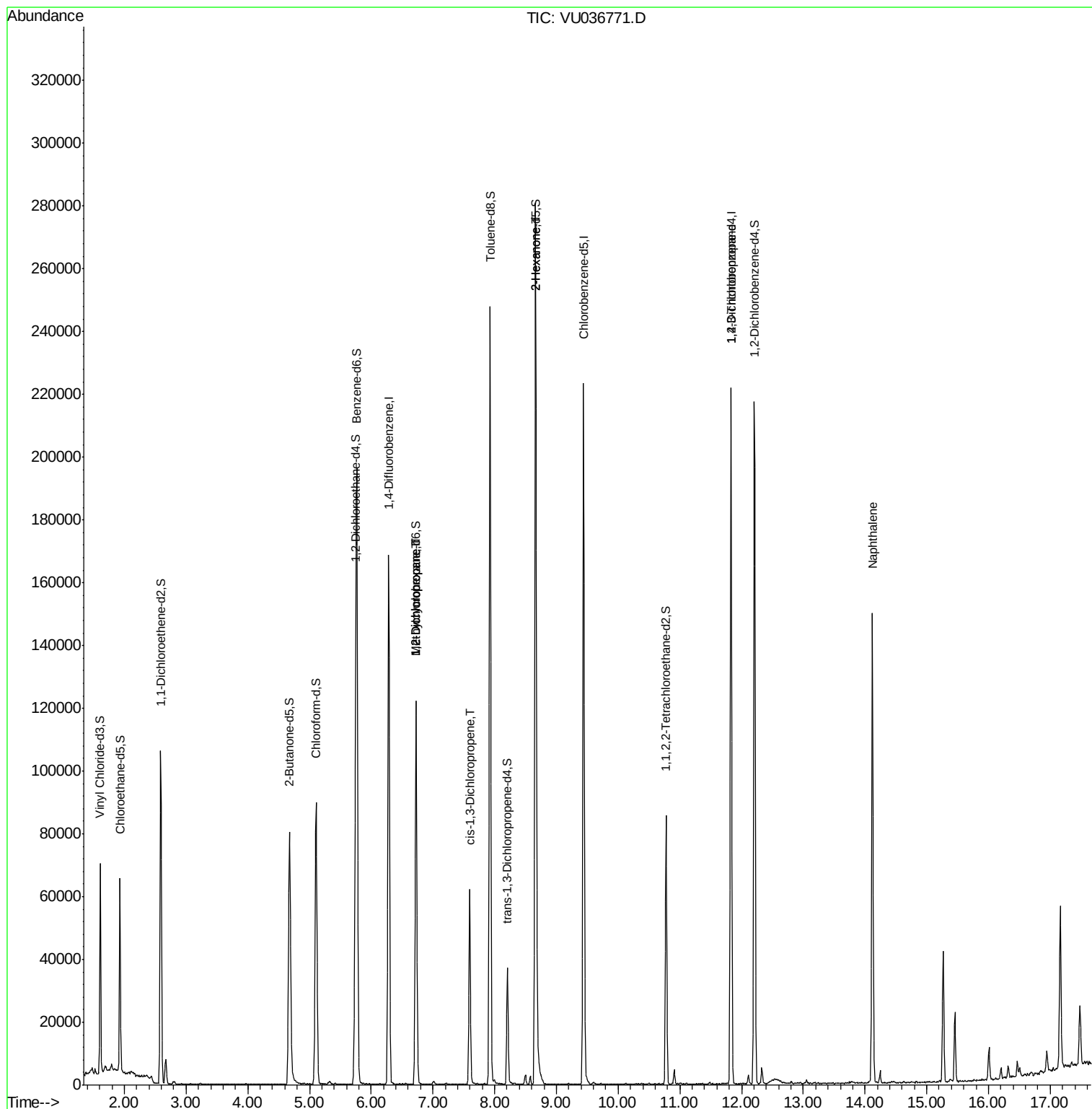
					Qvalue
35) Methylcyclohexane	6.73	83	11881	0.805 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6477	0.649 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1437	0.100 ug/L #	38
48) 2-Hexanone	8.66	43	11788	2.140 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	7754	1.177 ug/L	89
69) Naphthalene	14.12	128	116999	6.690 ug/L	99

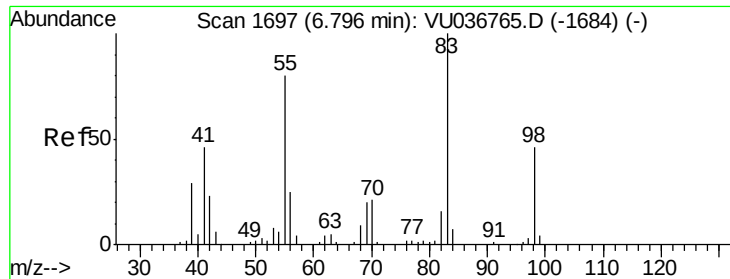
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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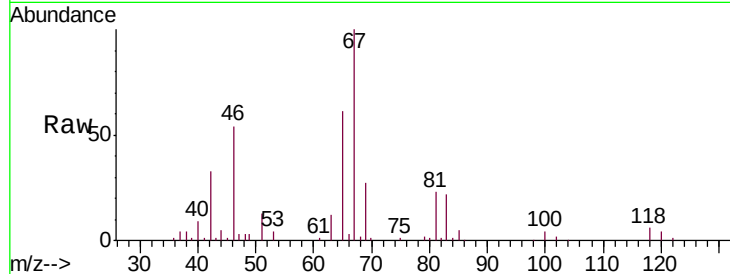




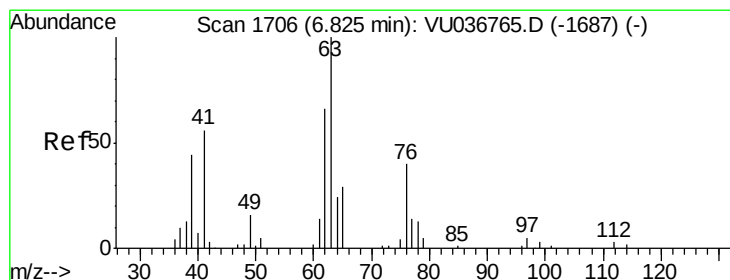
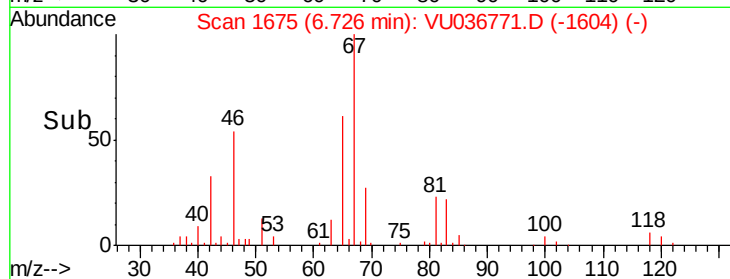
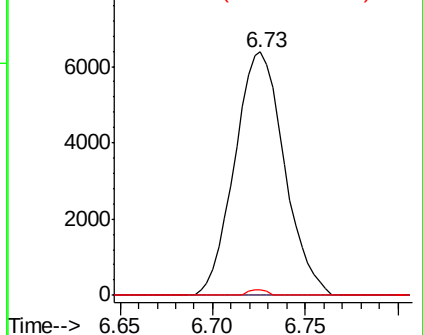
#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036771.D
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Instrument :
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ClientSampleId :
DBCX0

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.0	91.4#
98	0.8	34.2	51.4#

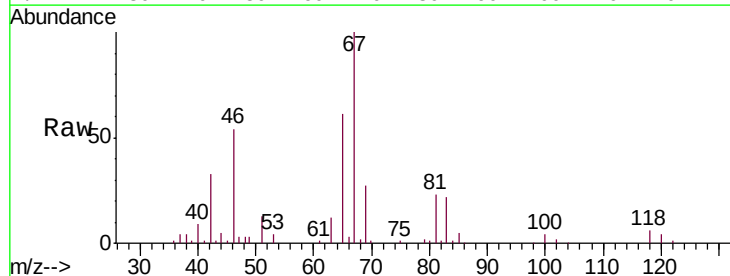


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

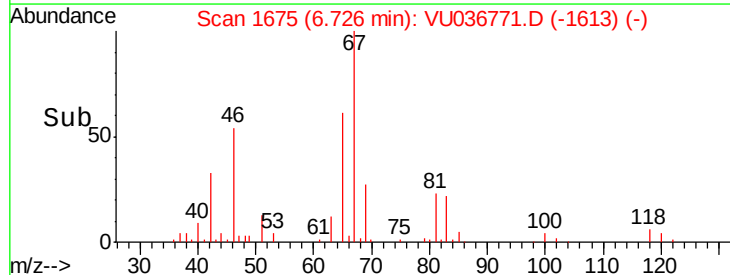
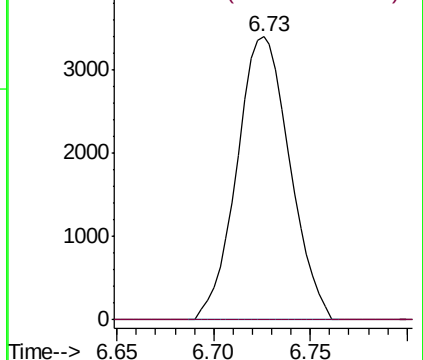


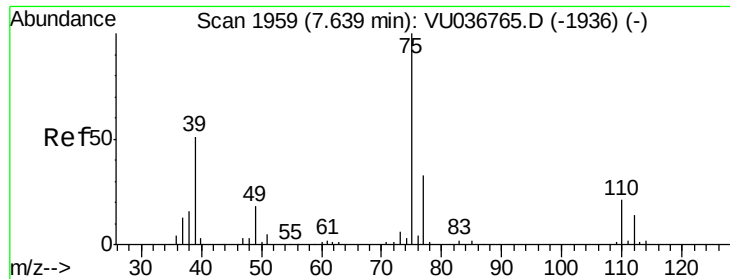
#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036771.D
Acq: 13 Feb 2020 14:54

Tgt 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



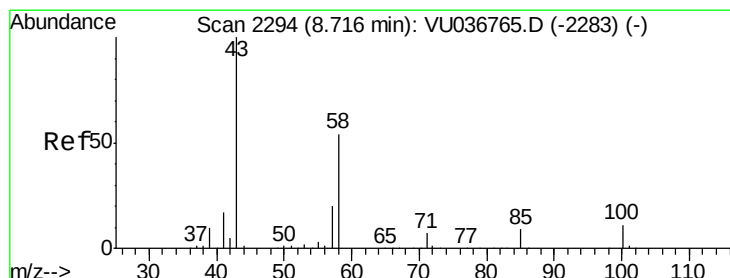
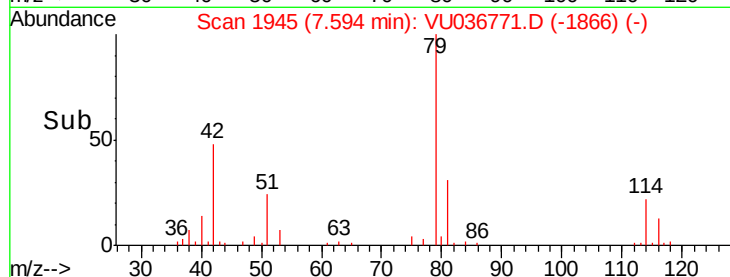
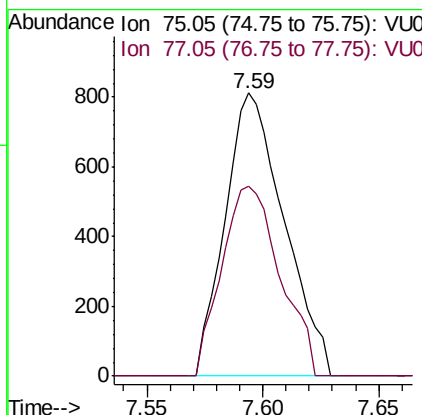
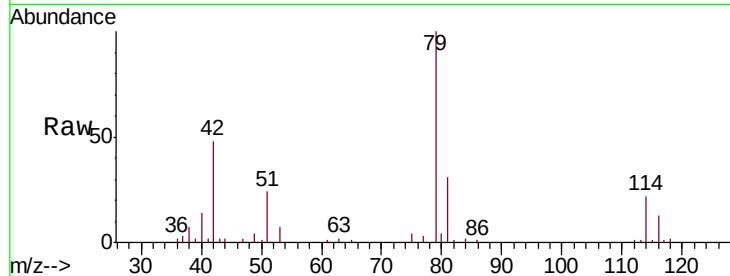


#39

cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.05 min
Lab File: VU036771.D
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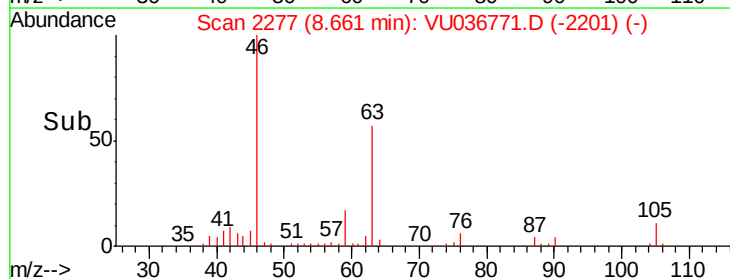
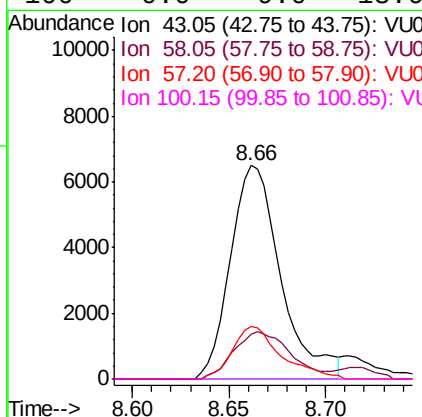
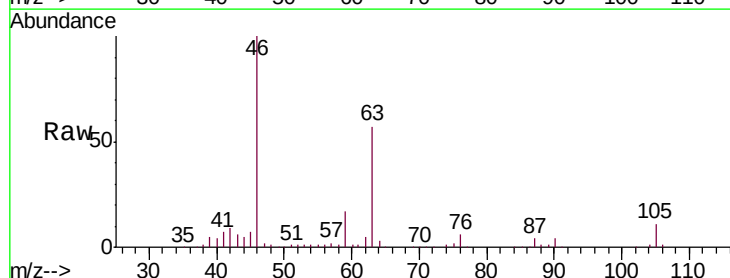
Tgt Ion: 75 Resp: 1437
Ion Ratio Lower Upper
75 100
77 67.0 22.5 41.9#

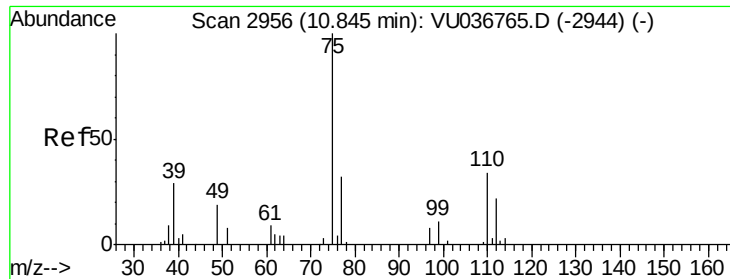


#48

2-Hexanone
Concen: 2.140 ug/L
RT: 8.66 min Scan# 2277
Delta R.T. -0.05 min
Lab File: VU036771.D
Acq: 13 Feb 2020 14:54

Tgt Ion: 43 Resp: 11788
Ion Ratio Lower Upper
43 100
58 24.8 43.6 65.4#
57 23.8 15.0 22.4#
100 0.0 9.0 13.6#

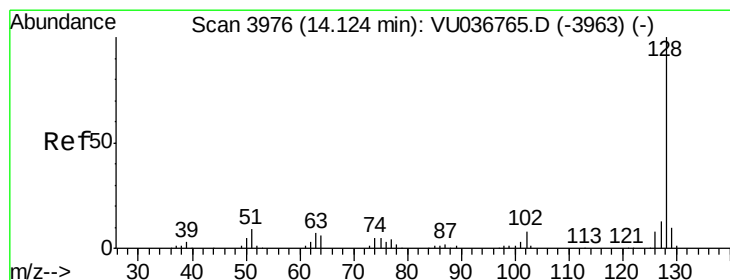
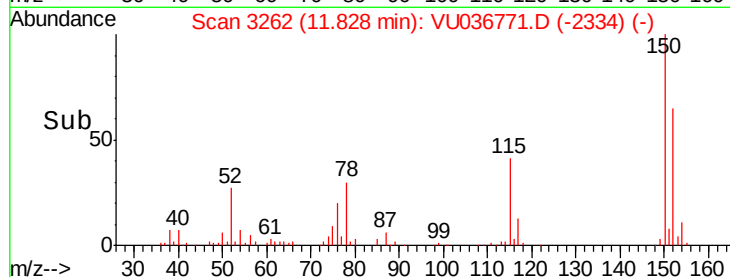
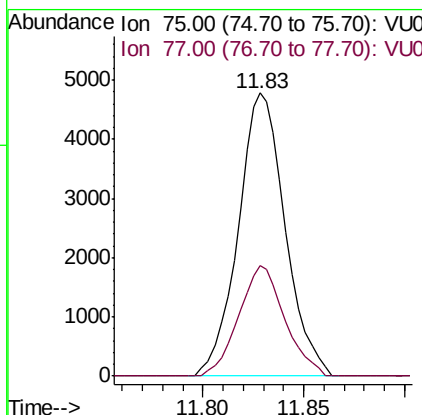
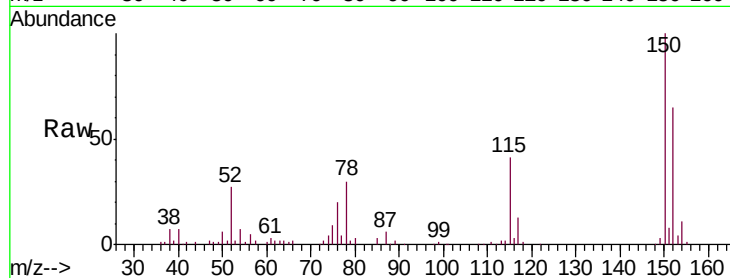




#59
 1,2,3-Trichloropropane
 Concen: 1.177 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036771.D
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 DBCX0

Tgt Ion: 75 Resp: 7754
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.6 38.4



#69
 Naphthalene
 Concen: 6.690 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. -0.00 min
 Lab File: VU036771.D
 Acq: 13 Feb 2020 14:54

Tgt Ion: 128 Resp: 116999
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.0 13.4
 127 12.8 10.8 16.2

