

Data File : VU036795.D
Acq On : 14 Feb 2020 18:35
Operator : JC/MD
Sample : L1537-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ8

Quant Time: Feb 14 23:44:07 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	118371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	110138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43012	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41604	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.93	69	39062	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	57182	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.67	46	116081	54.38	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.76%
24) Chloroform-d	5.11	84	75548	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	43196	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	162546	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	53599	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.93	98	147274	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.20	79	18082	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.66	63	96503	51.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40934	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	42986	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

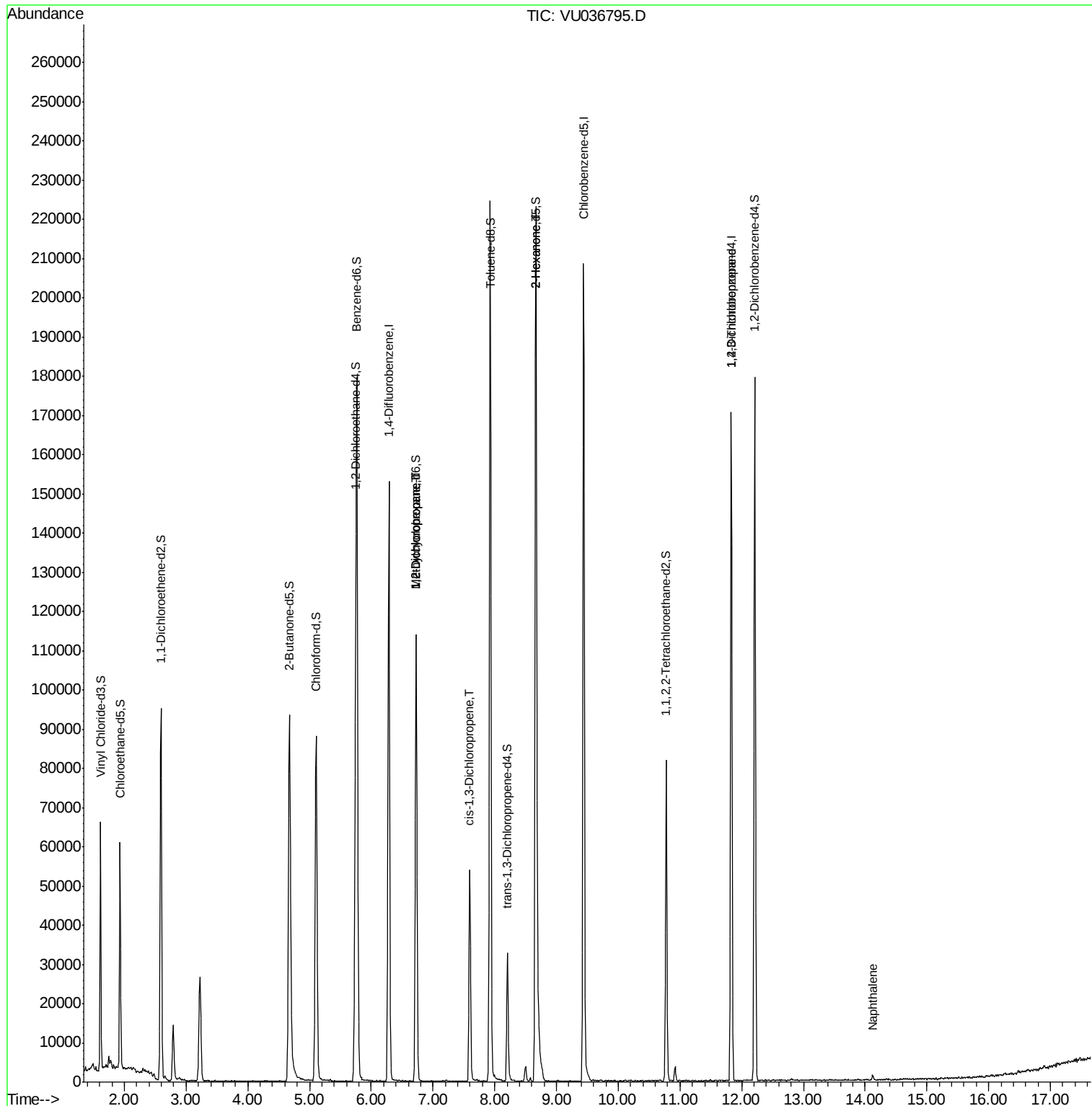
					Qvalue
35) Methylcyclohexane	6.73	83	11263	0.820 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5889	0.635 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1170	0.087 ug/L #	56
48) 2-Hexanone	8.66	43	12897	2.518 ug/L #	64
59) 1,2,3-Trichloropropane	11.83	75	6150	1.004 ug/L	91
69) Naphthalene	14.12	128	1677	0.118 ug/L #	80

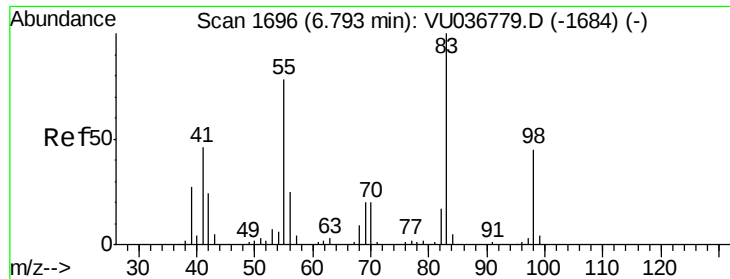
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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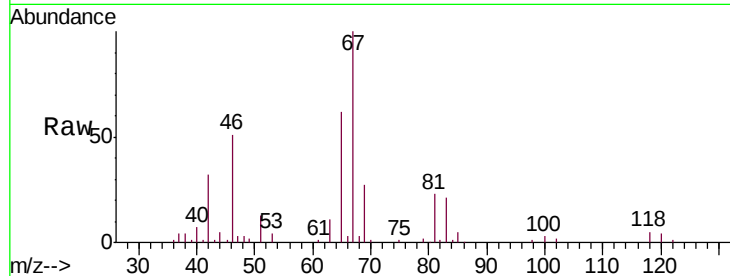




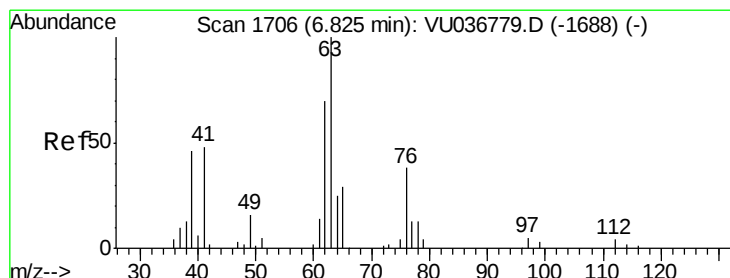
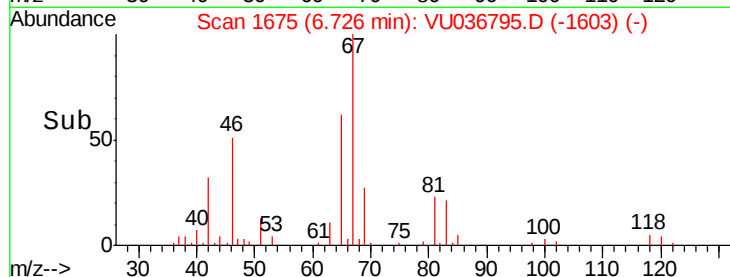
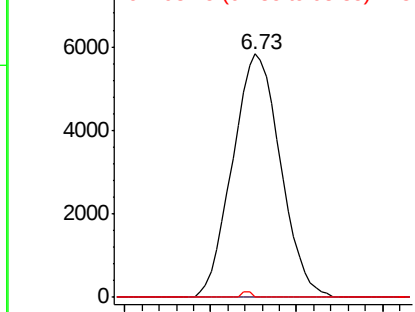
#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036795.D
Acq: 14 Feb 2020 18:35

Instrument :
MSVOA_U
ClientSampleId :
C0AQ8

Tgt Ion: 83 Resp: 11263
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.5 34.2 51.4#

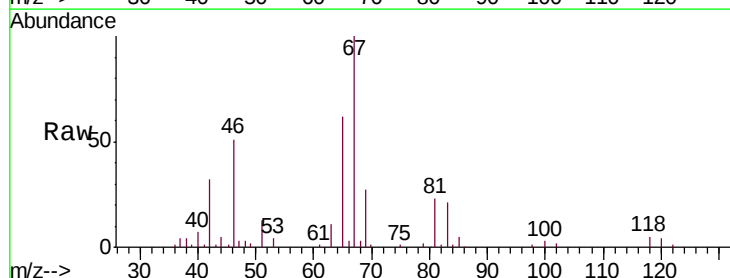


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

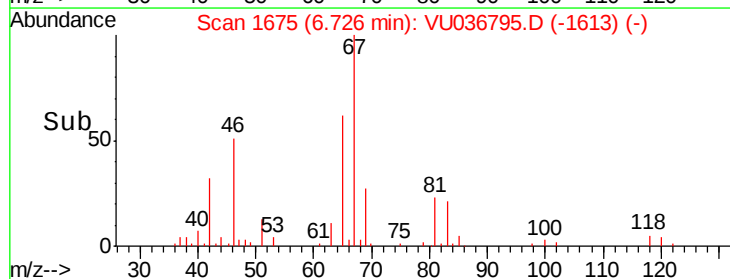
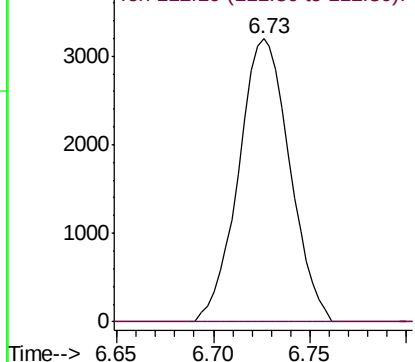


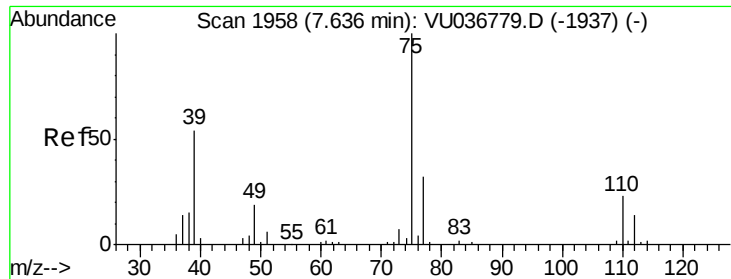
#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036795.D
Acq: 14 Feb 2020 18:35

Tgt Ion: 63 Resp: 5889
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

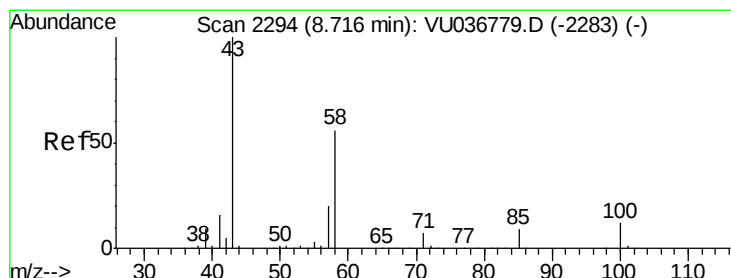
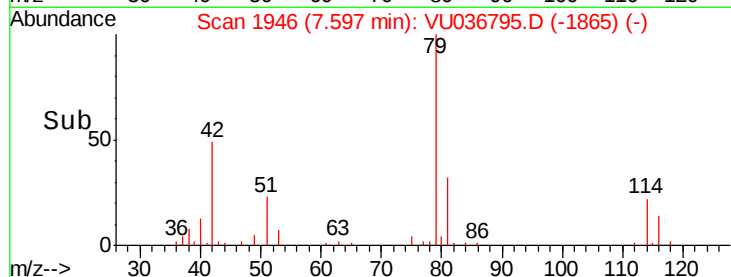
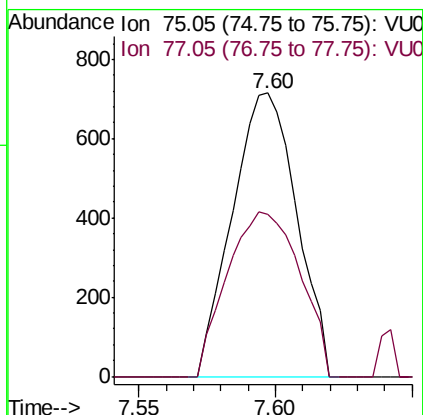
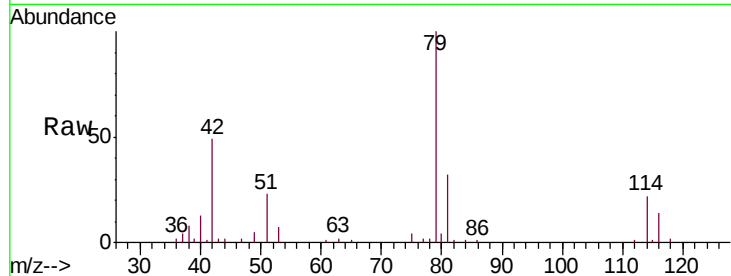




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036795.D
 Acq: 14 Feb 2020 18:35

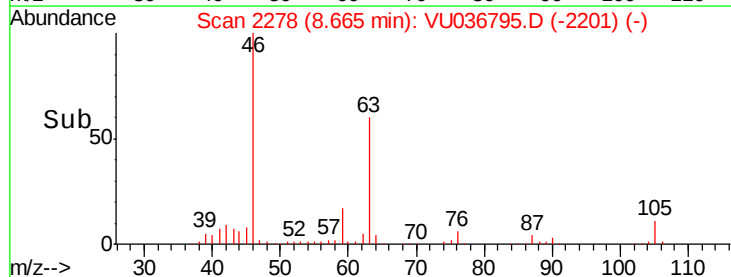
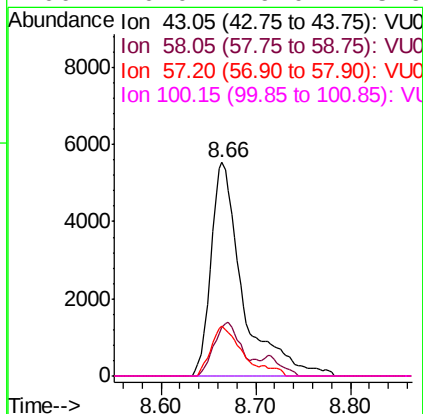
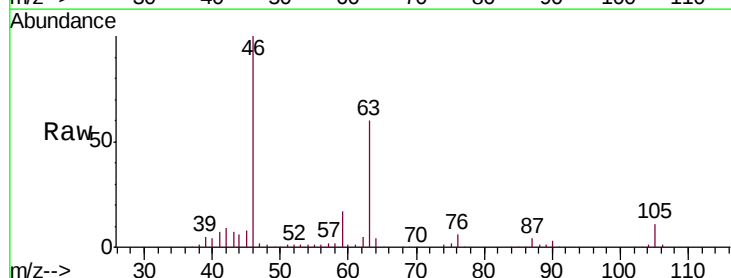
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 C0AQ8

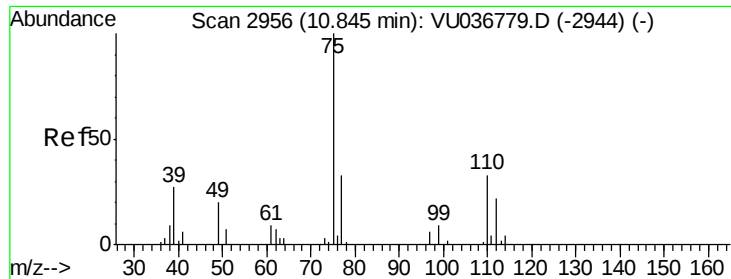
Tgt Ion: 75 Resp: 1170
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.5 41.9#



#48
 2-Hexanone
 Concen: 2.518 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036795.D
 Acq: 14 Feb 2020 18:35

Tgt Ion: 43 Resp: 12897
 Ion Ratio Lower Upper
 43 100
 58 21.0 43.6 65.4#
 57 23.4 15.0 22.4#
 100 0.0 9.0 13.6#

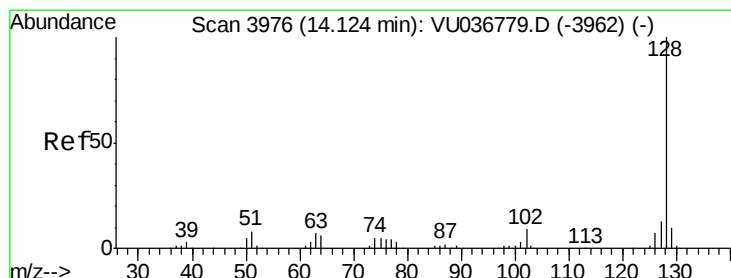
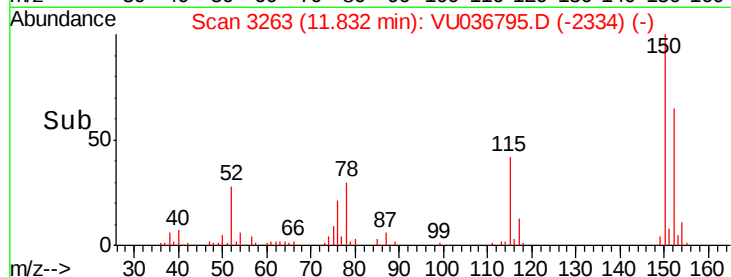
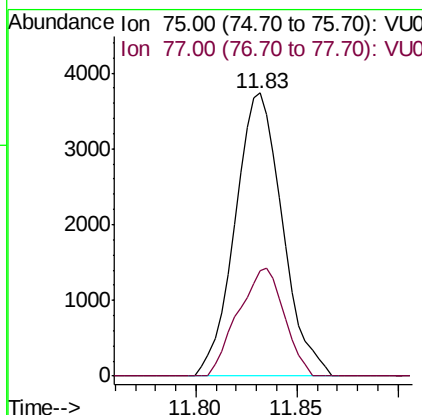
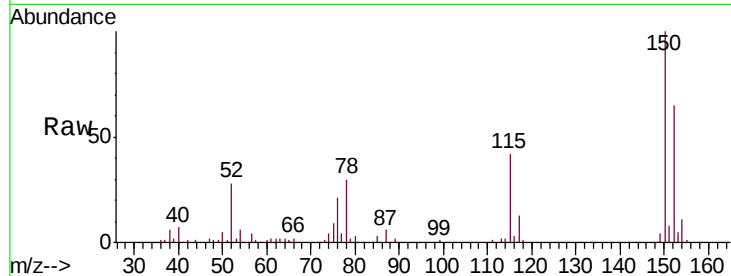




#59
 1,2,3-Trichloropropane
 Concen: 1.004 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036795.D
 Acq: 14 Feb 2020 18:35

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ8

Tgt Ion: 75 Resp: 6150
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.6 38.4



#69
 Naphthalene
 Concen: 0.118 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU036795.D
 Acq: 14 Feb 2020 18:35

Tgt Ion: 128 Resp: 1677
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.0 13.4#
 127 8.8 10.8 16.2#

