

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038557.D
 Acq On : 04 Jun 2020 18:24
 Operator : SY/MD
 Sample : L2860-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E68

Quant Time: Jun 05 01:15:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	281333	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	275046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131284	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66758	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.93	69	61565	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.59	63	113568	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.67	46	226804	41.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.00%
24) Chloroform-d	5.10	84	160799	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	95807	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	325539	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.72	67	99743	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.92	98	269427	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.20	79	40482	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.66	63	247948	55.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90727	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	117132	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

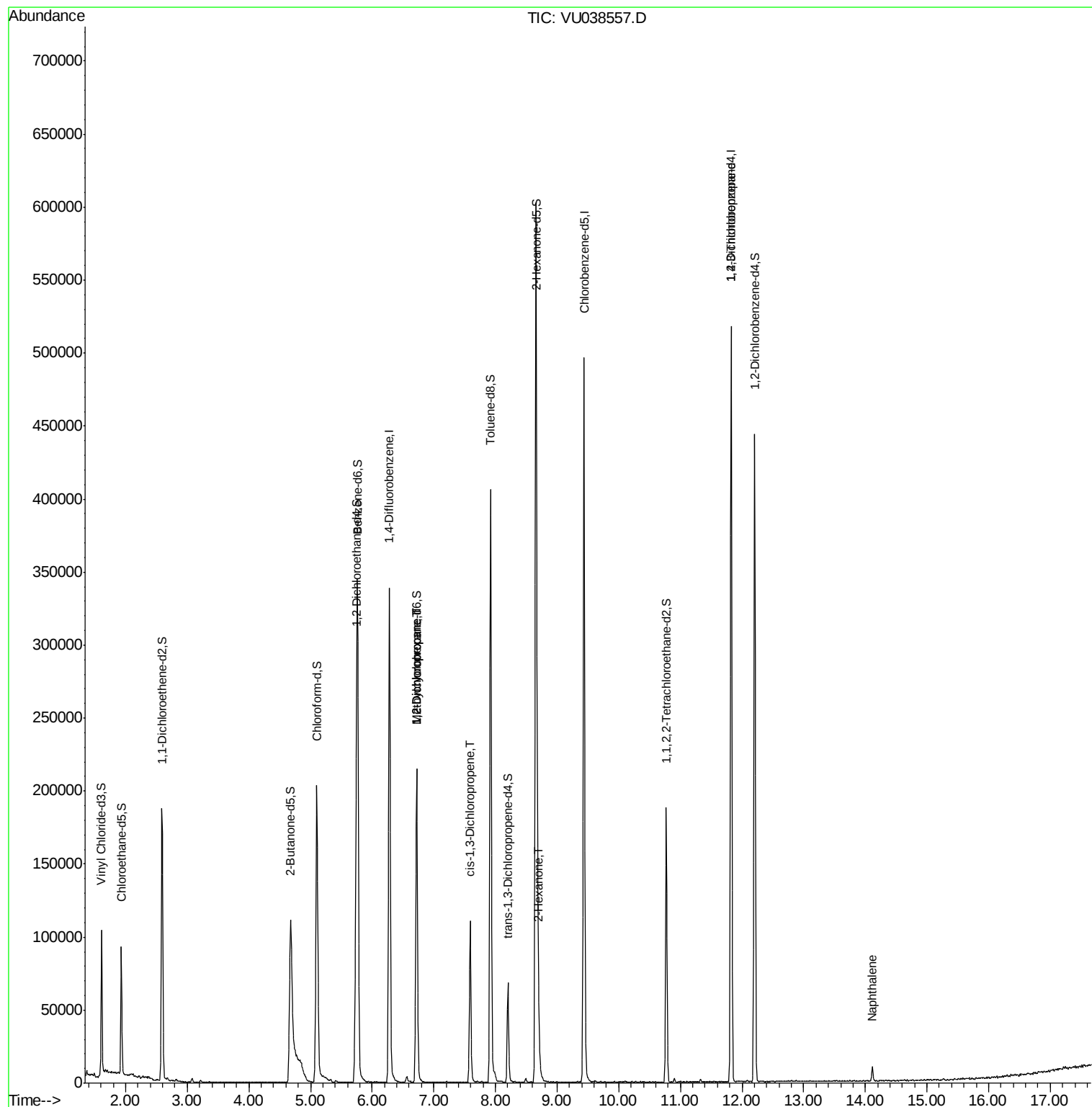
					Ovalue
35) Methylcyclohexane	6.72	83	24047	0.780 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11681	0.605 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2731	0.096 ug/L #	56
48) 2-Hexanone	8.71	43	10021	0.959 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	16229	1.127 ug/L #	86
69) Naphthalene	14.11	128	8277	0.156 ug/L	95

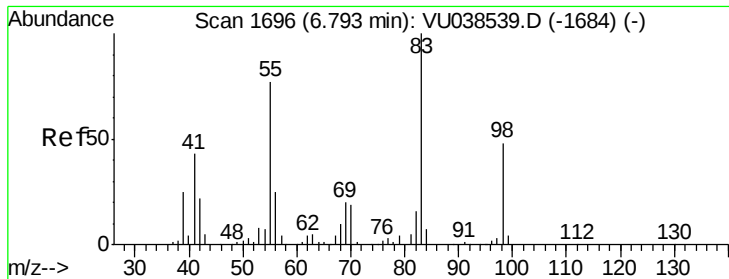
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration

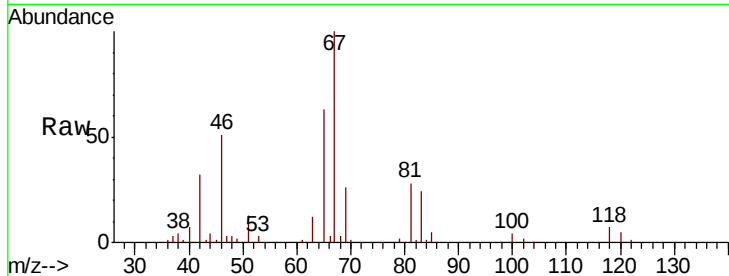




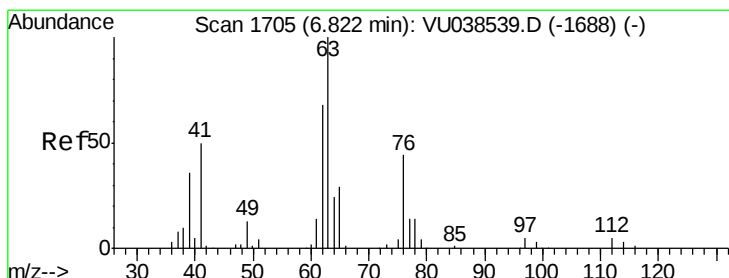
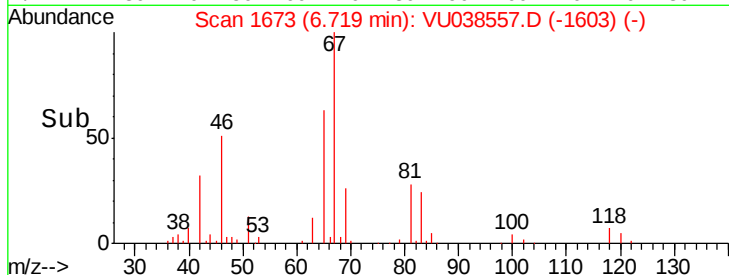
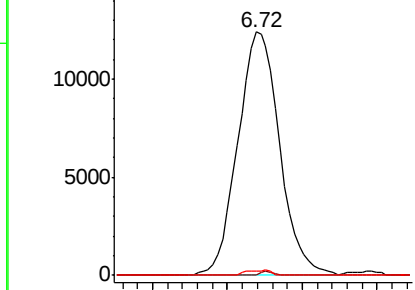
#35
Methvlcvclohexane
Concen: 0.780 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038557.D
Acq: 04 Jun 2020 18:24

Instrument :
MSVOA_U
ClientSampleId :
F9E68

Tot Ion: 83 Resp: 24047
Ion Ratio Lower Upper
83 100
55 0.5 63.4 95.2#
98 1.2 39.0 58.4#

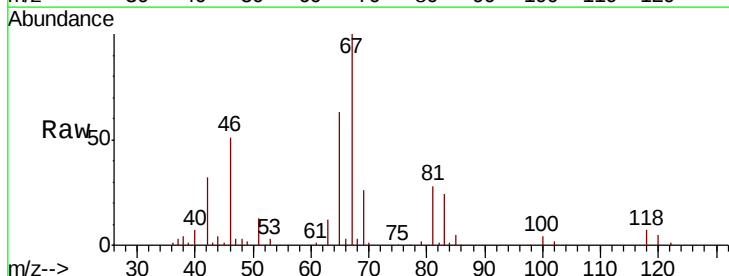


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

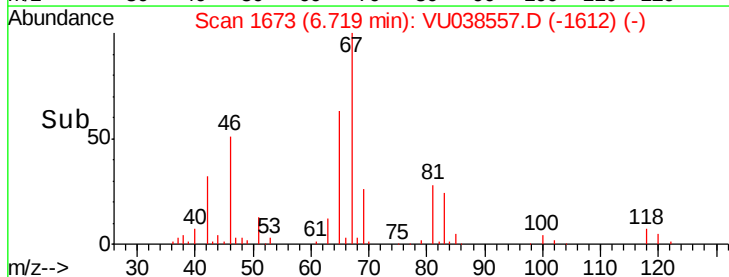
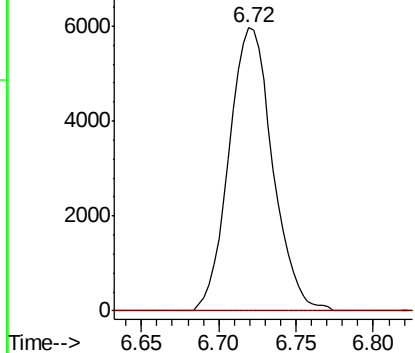


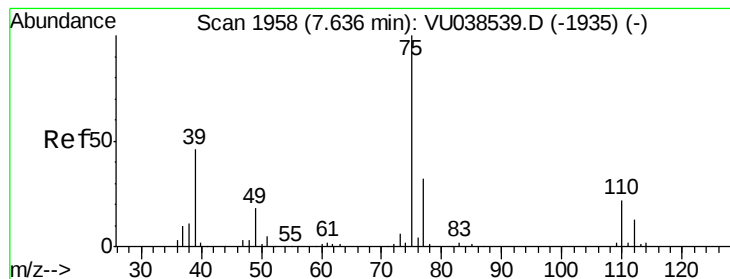
#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038557.D
Acq: 04 Jun 2020 18:24

Tgt Ion: 63 Resp: 11681
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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



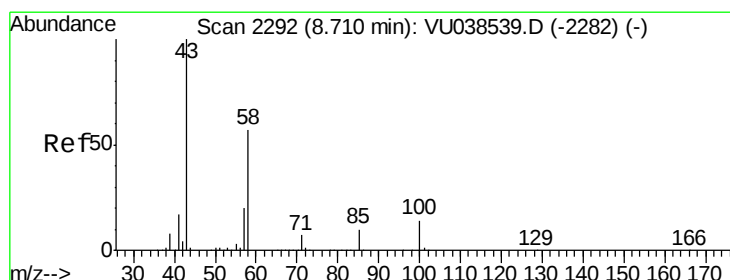
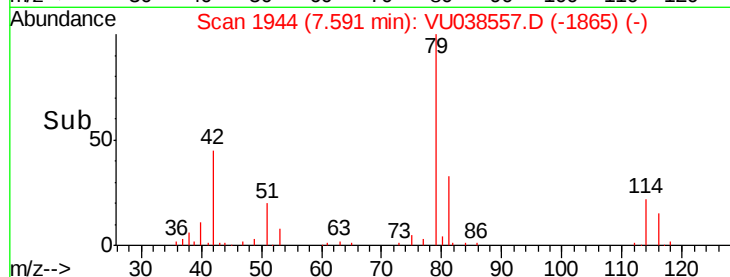
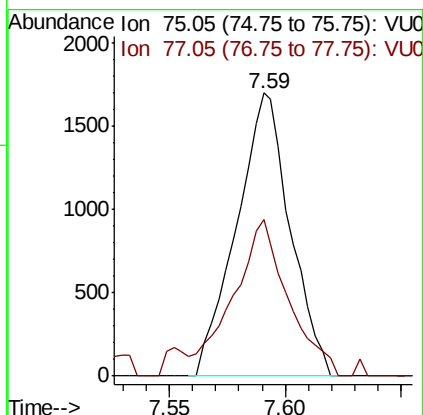
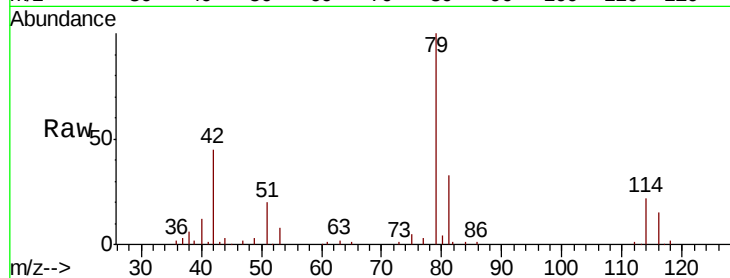


#39

cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038557.D
 Acq: 04 Jun 2020 18:24

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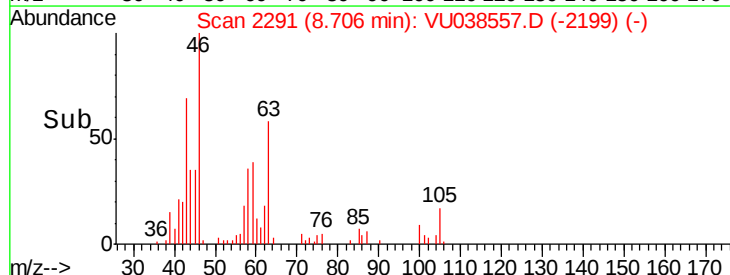
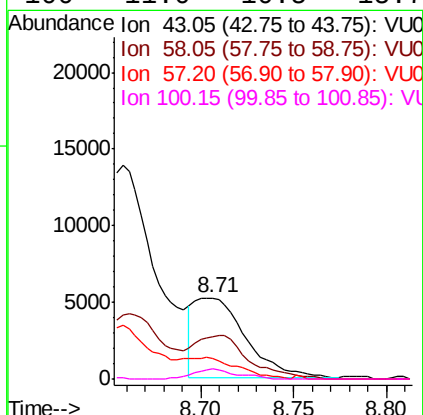
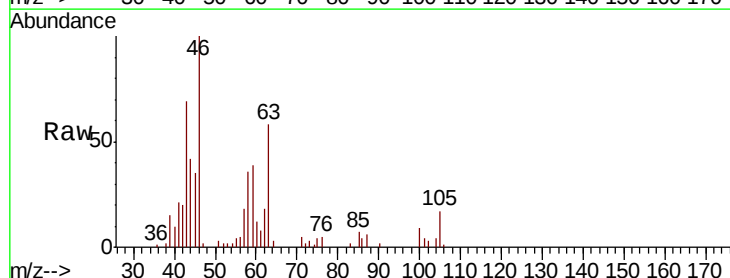
Tot Ion: 75 Resp: 2731
 Ion Ratio Lower Upper
 75 100
 77 55.4 21.9 40.7#

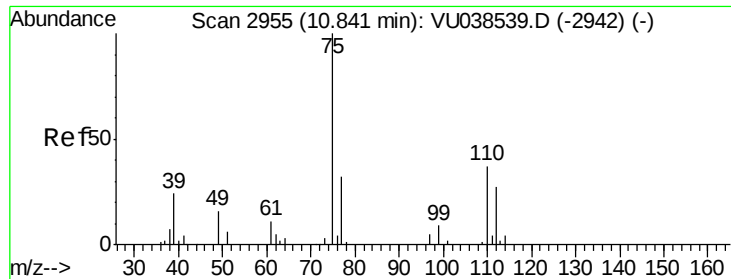


#48

2-Hexanone
 Concen: 0.959 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038557.D
 Acq: 04 Jun 2020 18:24

Tgt Ion: 43 Resp: 10021
 Ion Ratio Lower Upper
 43 100
 58 58.6 45.4 68.0
 57 0.0 15.9 23.9#
 100 11.0 10.5 15.7

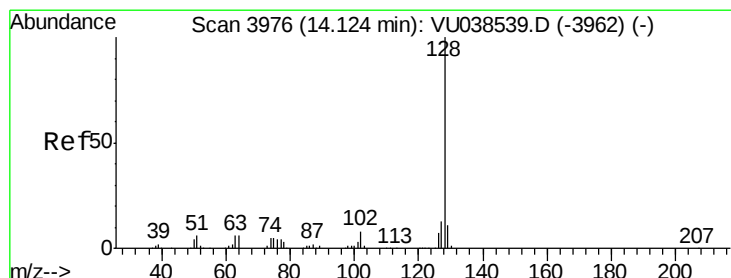
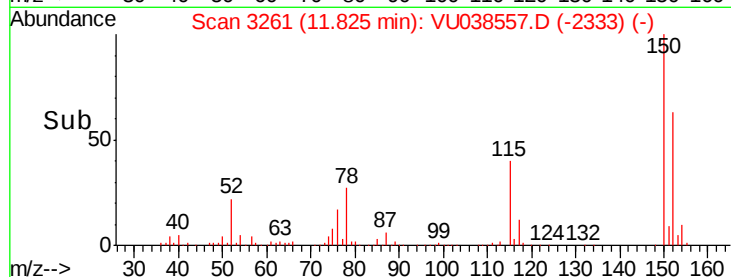
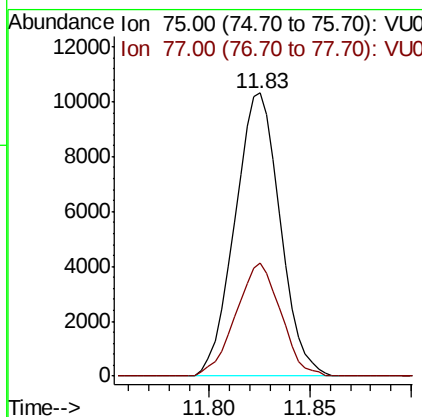
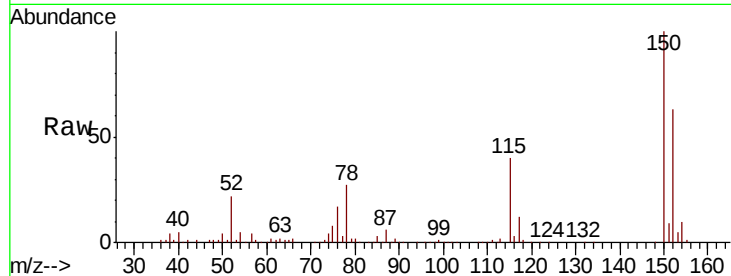




#59
 1,2,3-Trichloropropane
 Concen: 1.127 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038557.D
 Acq: 04 Jun 2020 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E68

Tot Ion: 75 Resp: 16229
 Ion Ratio Lower Upper
 75 100
 77 39.6 25.4 38.2#



#69
 Naphthalene
 Concen: 0.156 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU038557.D
 Acq: 04 Jun 2020 18:24

Tgt Ion: 128 Resp: 8277
 Ion Ratio Lower Upper
 128 100
 129 9.7 8.9 13.3
 127 10.5 10.2 15.4

