

Data File : VU036786.D
Acq On : 14 Feb 2020 14:56
Operator : JC/MD
Sample : L1537-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ2

Quant Time: Feb 14 23:42:56 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	6.28	114	127683	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	118012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43474	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	40963	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.59	63	61830	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.67	46	120945	52.52	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.04%
24) Chloroform-d	5.11	84	79074	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.74	65	45845	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	170394	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.72	67	55576	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	154467	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.20	79	18829	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.66	63	100484	49.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	42637	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	46177	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

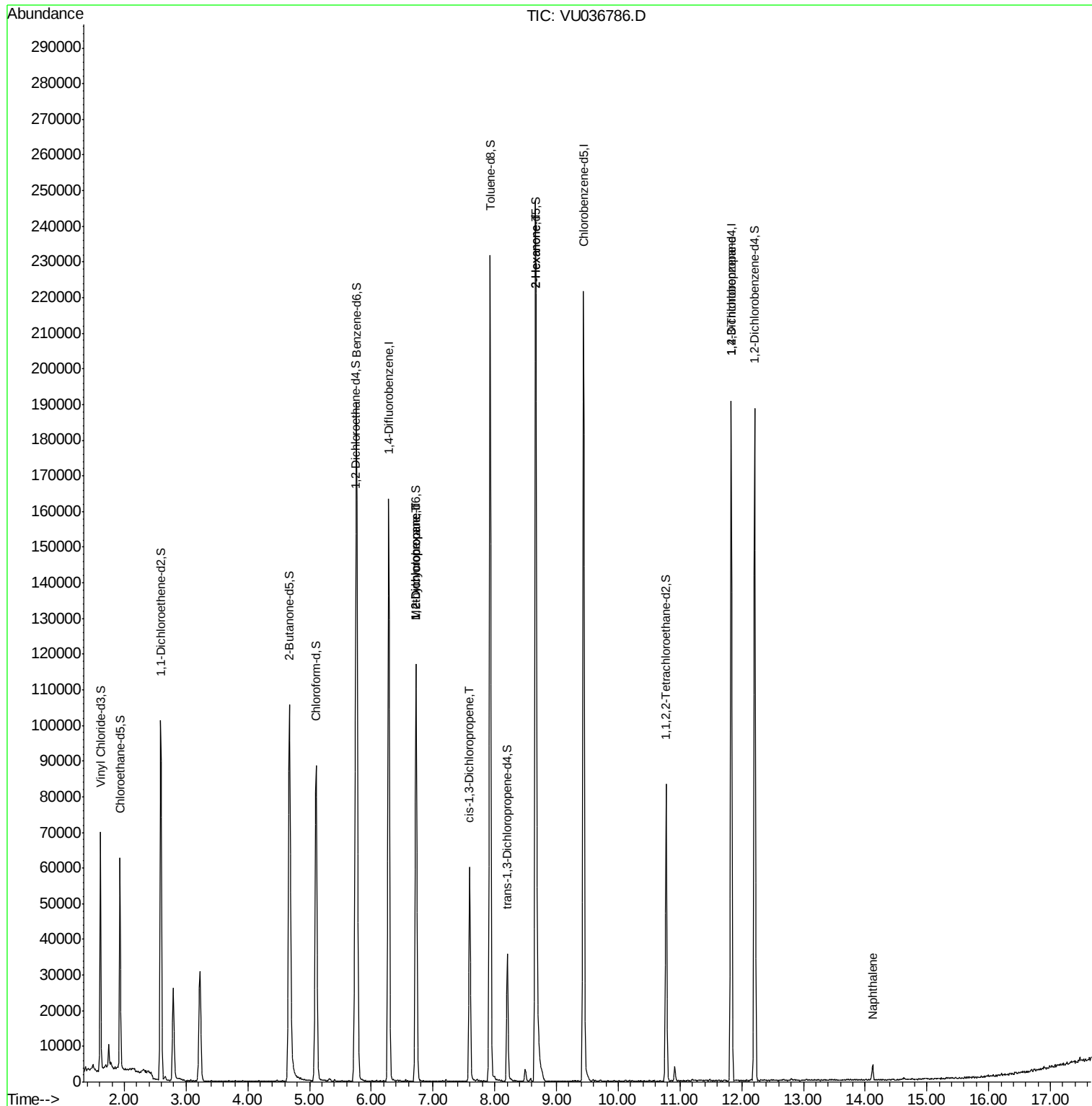
					Qvalue	
35) Methylcyclohexane	6.72	83	12059	0.820	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	6156	0.619	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1496	0.104	ug/L #	68
48) 2-Hexanone	8.66	43	12839	2.339	ug/L #	64
59) 1,2,3-Trichloropropane	11.83	75	6819	1.039	ug/L #	86
69) Naphthalene	14.12	128	3931	0.261	ug/L #	96

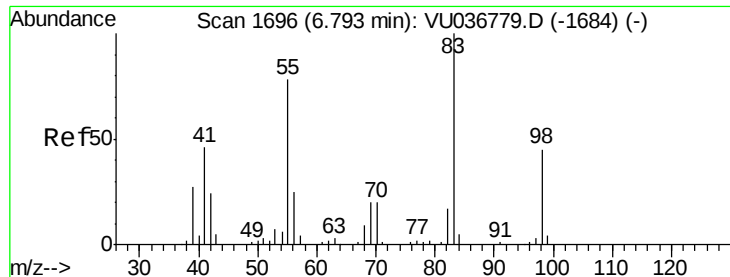
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

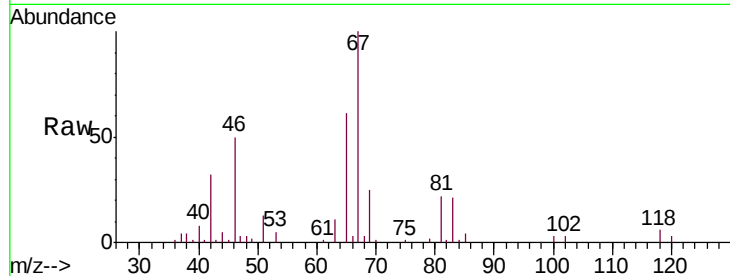




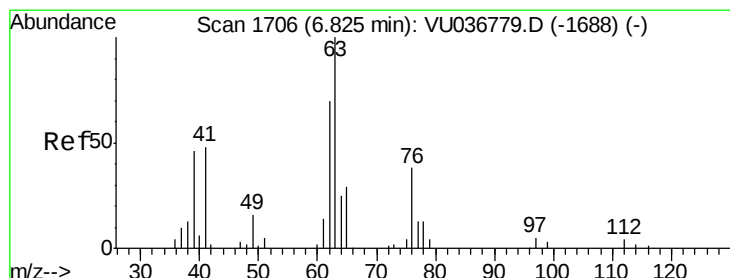
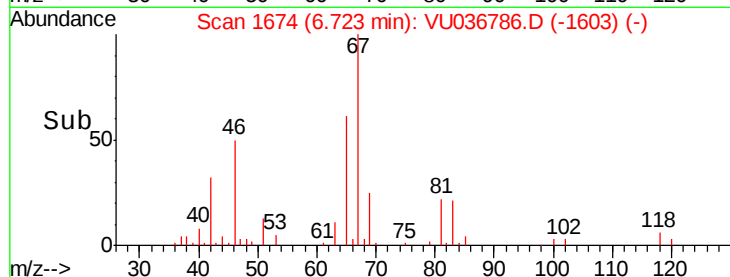
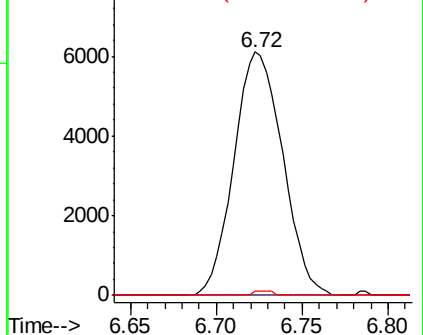
#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036786.D
Acq: 14 Feb 2020 14:56

Instrument :
MSVOA_U
ClientSampleId :
C0AQ2

Tgt Ion: 83 Resp: 12059
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.7 34.2 51.4#

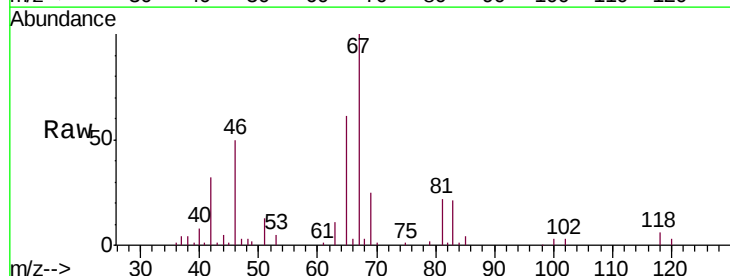


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

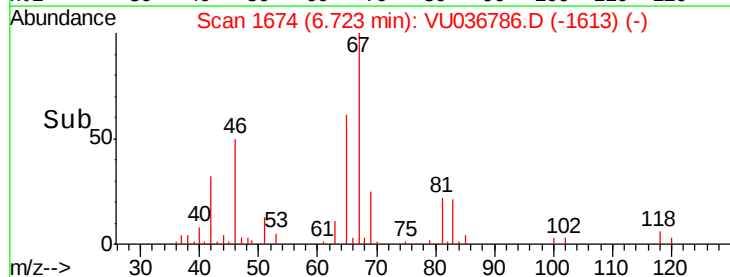
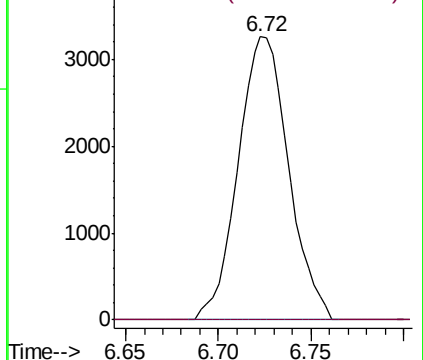


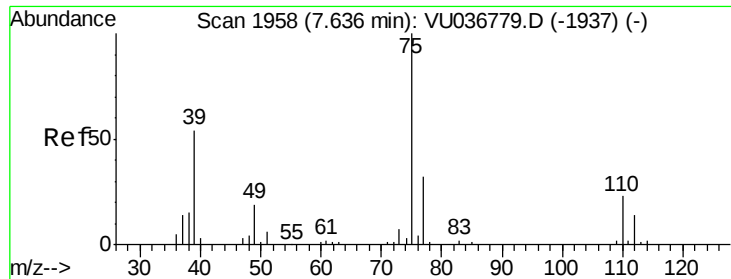
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036786.D
Acq: 14 Feb 2020 14:56

Tgt Ion: 63 Resp: 6156
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

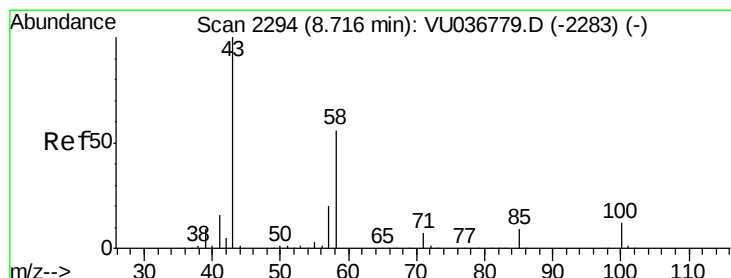
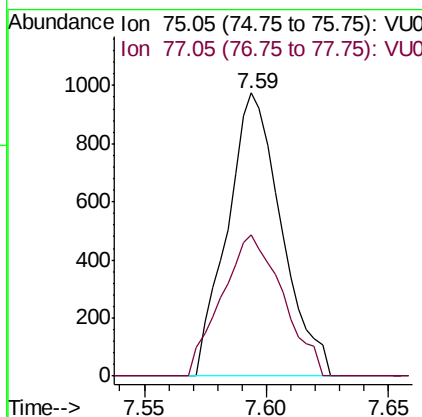
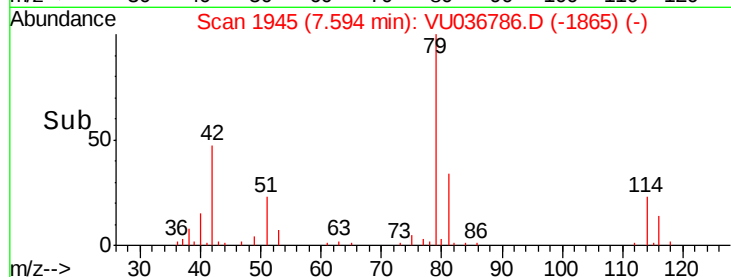
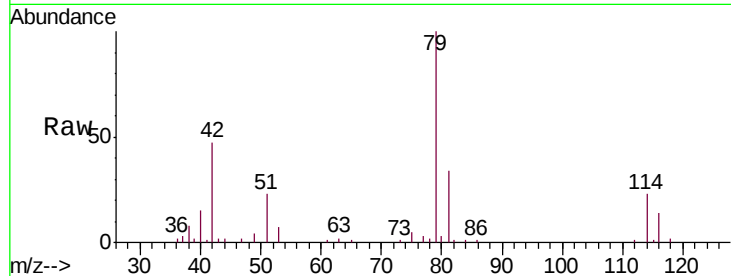




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036786.D
 Acq: 14 Feb 2020 14:56

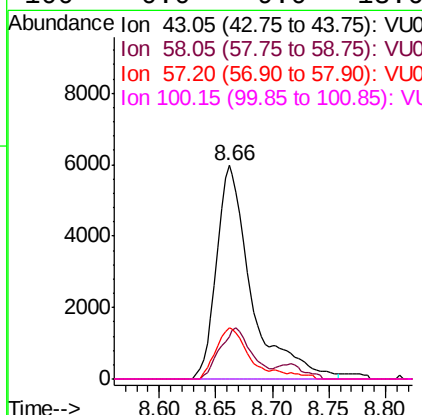
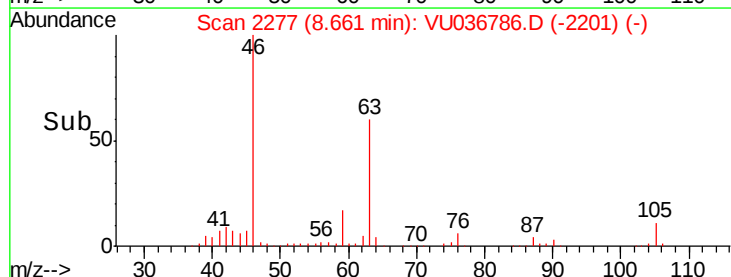
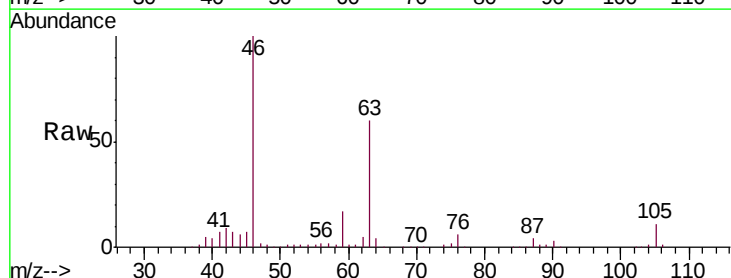
Instrument :
 MSVOA_U
 ClientSampled :
 C0AQ2

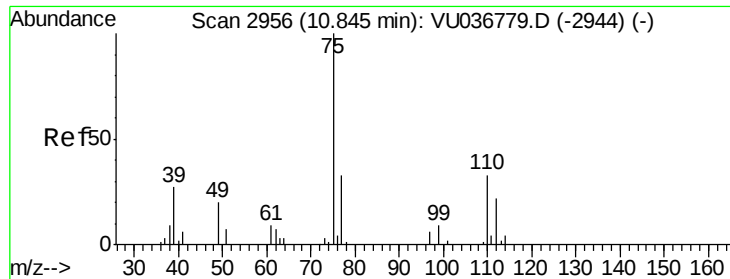
Tgt Ion: 75 Resp: 1496
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.5 41.9#



#48
 2-Hexanone
 Concen: 2.339 ug/L
 RT: 8.66 min Scan# 2277
 Delta R.T. -0.05 min
 Lab File: VU036786.D
 Acq: 14 Feb 2020 14:56

Tgt Ion: 43 Resp: 12839
 Ion Ratio Lower Upper
 43 100
 58 21.9 43.6 65.4#
 57 24.2 15.0 22.4#
 100 0.0 9.0 13.6#

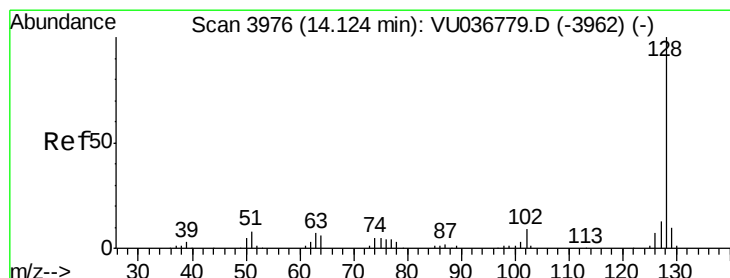
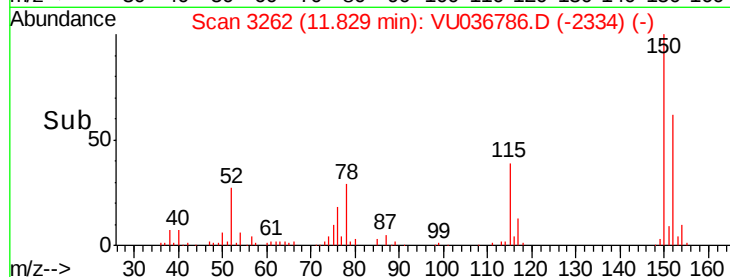
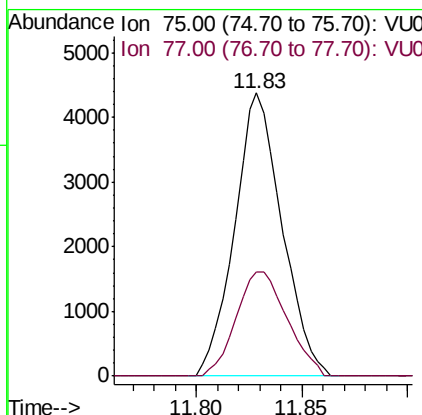
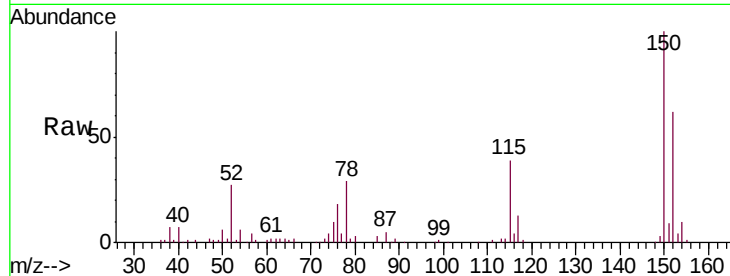




#59
 1,2,3-Trichloropropane
 Concen: 1.039 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036786.D
 Acq: 14 Feb 2020 14:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ2

Tgt Ion: 75 Resp: 6819
 Ion Ratio Lower Upper
 75 100
 77 39.5 25.6 38.4#



#69
 Naphthalene
 Concen: 0.261 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. -0.00 min
 Lab File: VU036786.D
 Acq: 14 Feb 2020 14:56

Tgt Ion: 128 Resp: 3931
 Ion Ratio Lower Upper
 128 100
 129 8.1 9.0 13.4#
 127 12.9 10.8 16.2

