

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038180.D
 Acq On : 14 May 2020 19:23
 Operator : JC/MD
 Sample : L2653-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:10:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	322395	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.44	117	308276	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	103550	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.94	69	98333	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.60	63	148063	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.77	46	390837	53.72	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.44%
24) Chloroform-d	5.13	84	198303	4.43	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.76	65	119360	4.66	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.78	84	409594	4.43	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.74	67	140081	4.70	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	356996	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.21	79	47021	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.67	63	345261	61.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119086	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	132883	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

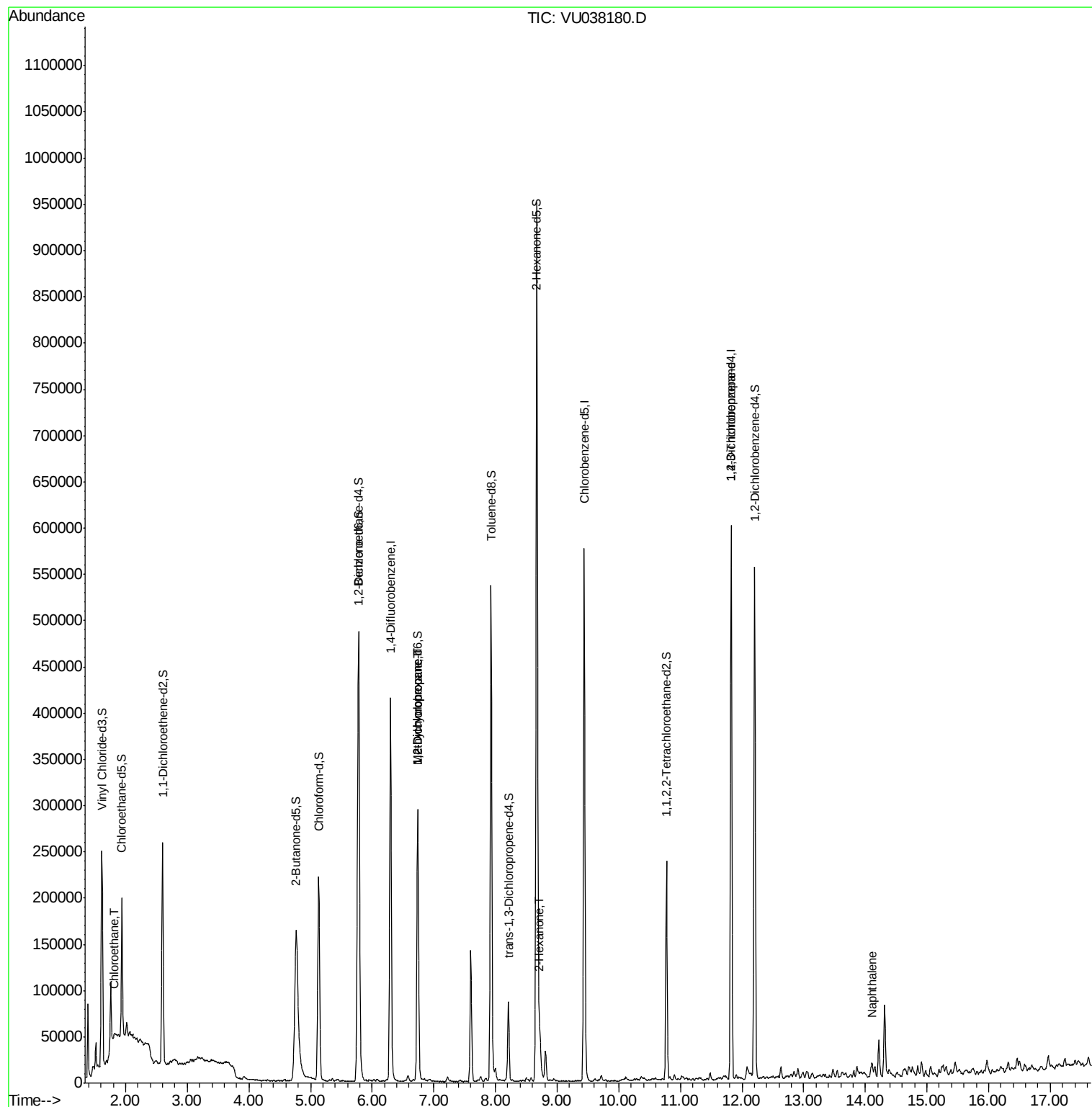
					Ovalue
8) Chloroethane	1.81	64	95711	4.469 ug/L #	51
35) Methylcyclohexane	6.74	83	30850	0.771 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14958	0.558 ug/L #	91
48) 2-Hexanone	8.72	43	25425	1.868 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	19820	1.101 ug/L	89
69) Naphthalene	14.11	128	9417	0.141 ug/L #	90

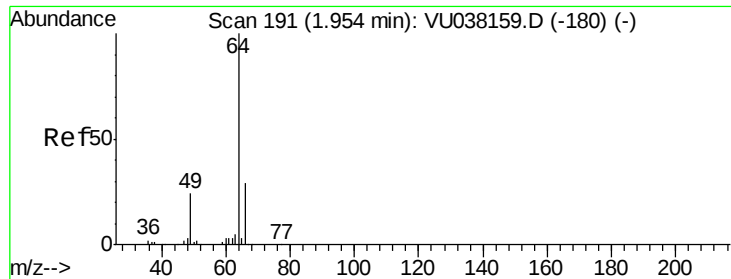
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 4.469 ug/L

RT: 1.81 min Scan# 146

Delta R.T. -0.14 min

Lab File: VU038180.D

Acq: 14 May 2020 19:23

Instrument :

MSVOA_U

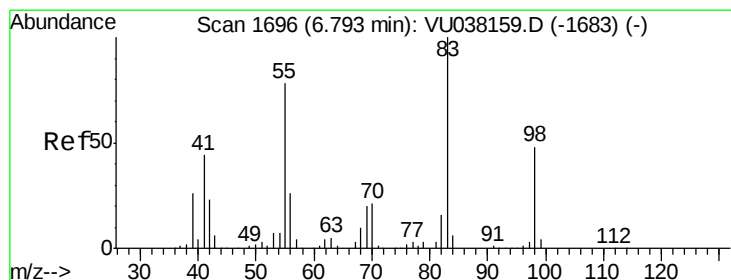
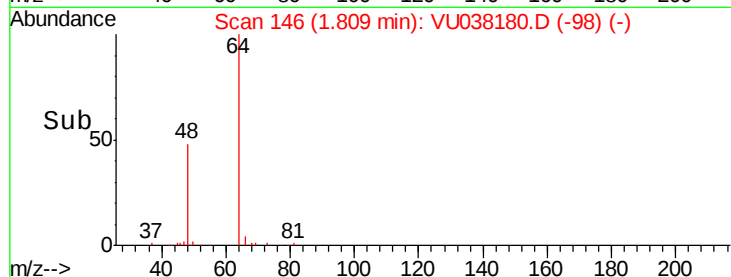
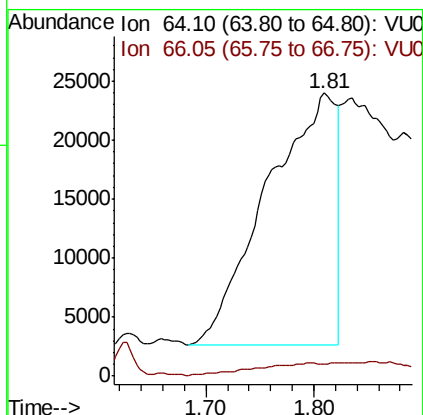
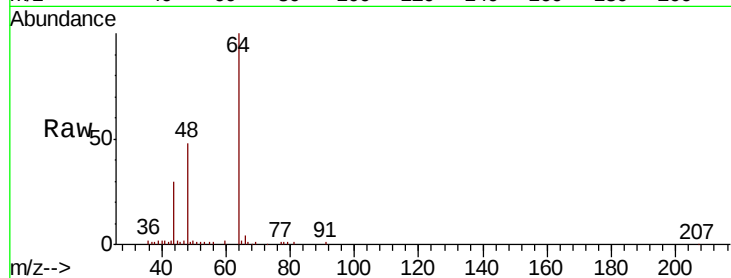
ClientSampled :

Tot Ion: 64 Resp: 95711

Ion Ratio Lower Upper

64 100

66 4.3 21.8 40.4#



#35

Methylcyclohexane

Concen: 0.771 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.05 min

Lab File: VU038180.D

Acq: 14 May 2020 19:23

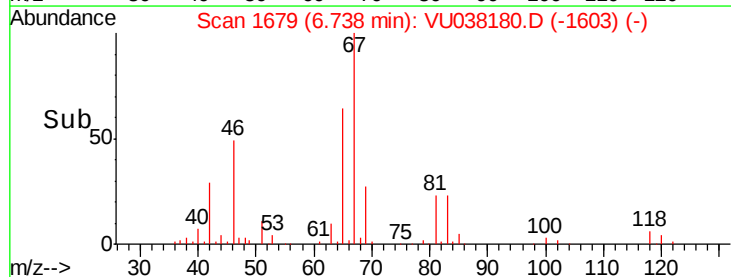
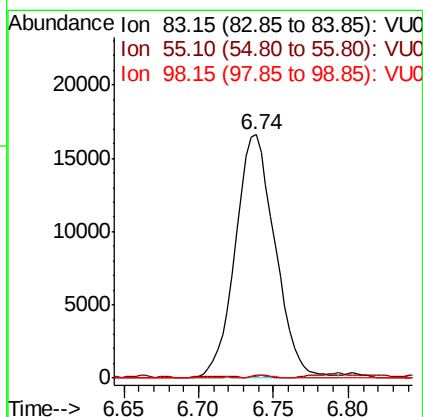
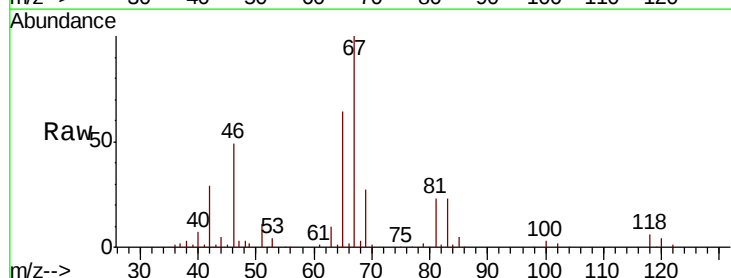
Tgt Ion: 83 Resp: 30850

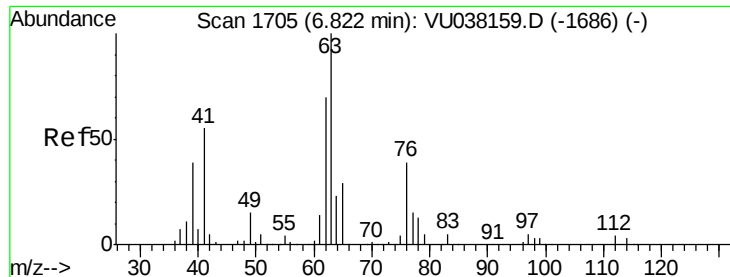
Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

98 0.5 39.4 59.2#

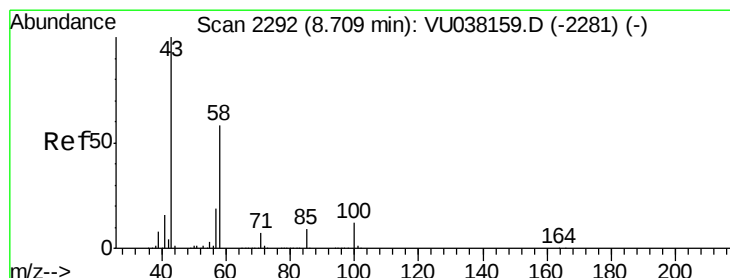
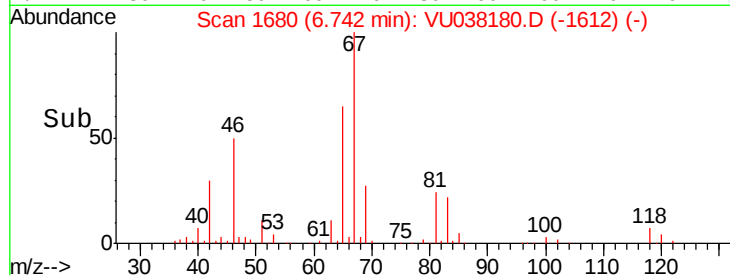
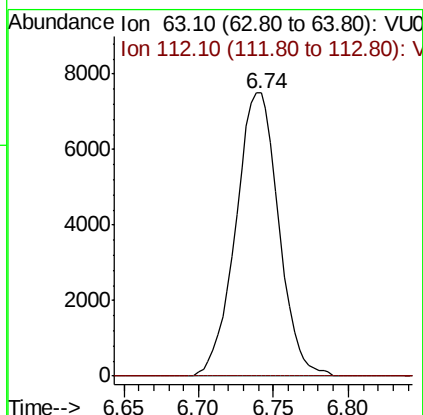
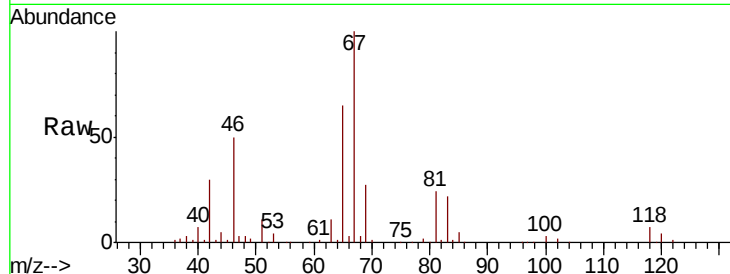




#37
 1,2-Dichloropropane
 Concen: 0.558 ug/L
 RT: 6.74 min Scan# 1680
 Delta R.T. -0.08 min
 Lab File: VU038180.D
 Acq: 14 May 2020 19:23

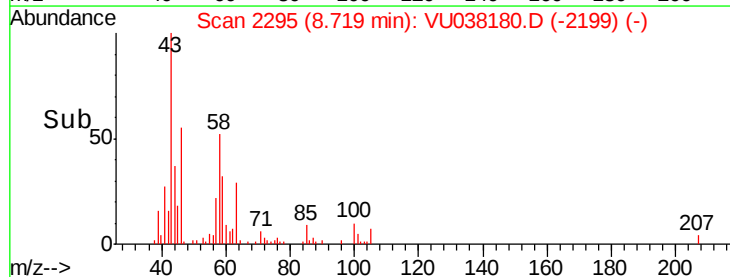
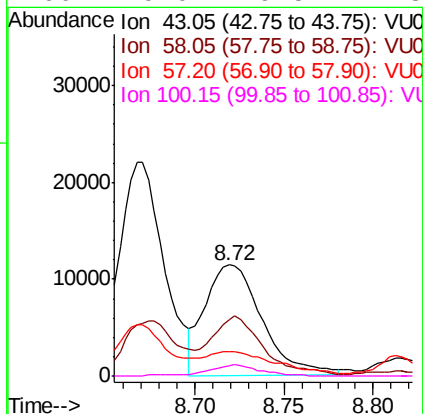
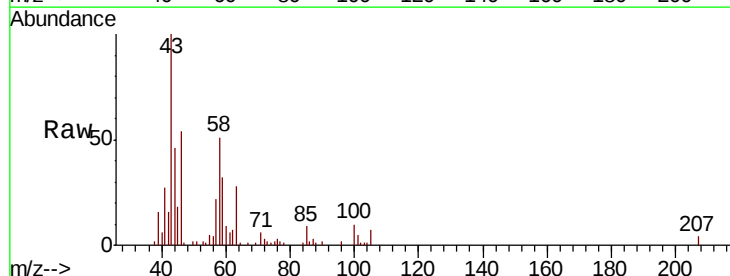
Instrument :
 MSVOA_U
 ClientSampled :

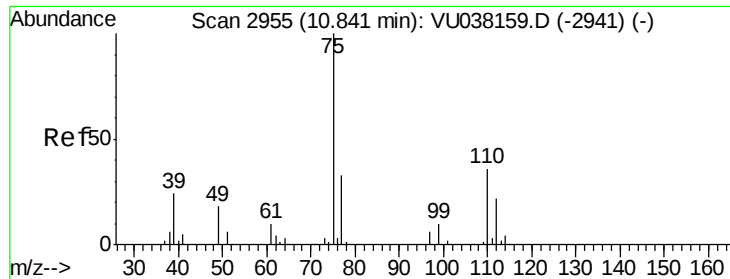
Tot Ion: 63 Resp: 14958
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.1 4.7#



#48
 2-Hexanone
 Concen: 1.868 ug/L
 RT: 8.72 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: VU038180.D
 Acq: 14 May 2020 19:23

Tgt Ion: 43 Resp: 25425
 Ion Ratio Lower Upper
 43 100
 58 48.4 45.2 67.8
 57 26.9 15.5 23.3#
 100 9.0 9.5 14.3#

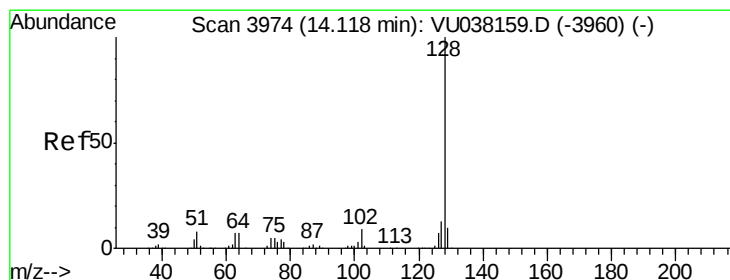
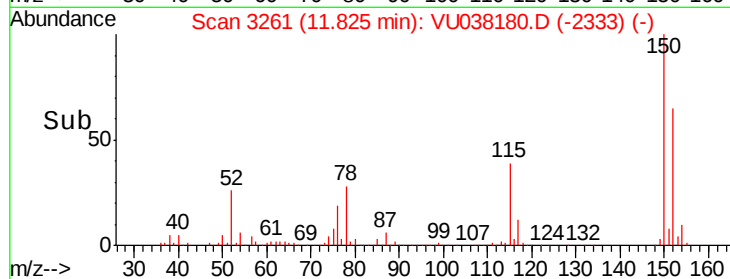
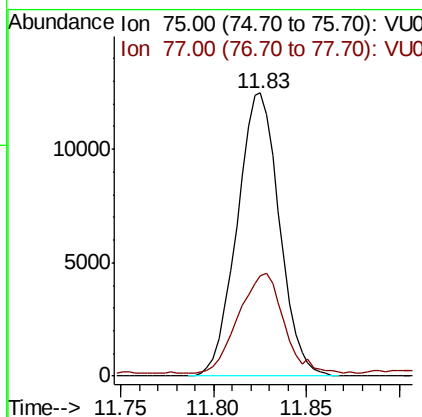
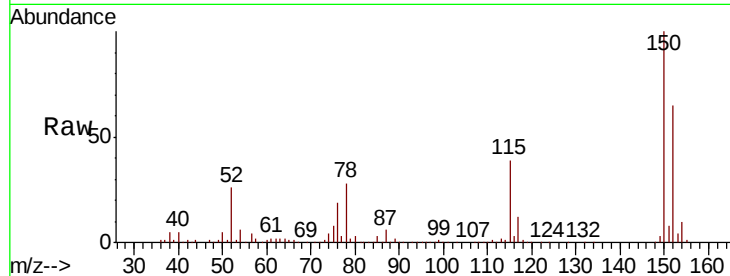




#59
 1,2,3-Trichloropropane
 Concen: 1.101 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038180.D
 Acq: 14 May 2020 19:23

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 19820
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.4 38.0



#69
 Naphthalene
 Concen: 0.141 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.00 min
 Lab File: VU038180.D
 Acq: 14 May 2020 19:23

Tgt Ion: 128 Resp: 9417
 Ion Ratio Lower Upper
 128 100
 129 6.3 8.7 13.1#
 127 16.2 10.2 15.4#

