

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040073.D
 Acq On : 10 Sep 2020 11:55
 Operator : SY/MD
 Sample : L3945-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFW58

Quant Time: Sep 11 02:06:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133481	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30843	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.92	69	26068	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	50326	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	4.65	46	94163	32.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.60%
24) Chloroform-d	5.08	84	56328	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.20%#
26) 1,2-Dichloroethane-d4	5.72	65	36163	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
32) Benzene-d6	5.74	84	107736	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.60%#
36) 1,2-Dichloropropane-d6	6.70	67	33962	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	65.60%
41) Toluene-d8	7.91	98	89904	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.40%#
43) trans-1,3-Dichloropropene-	8.19	79	14631	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	8.64	63	67128	29.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28536	3.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.80%#
64) 1,2-Dichlorobenzene-d4	12.19	152	35055	3.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.80%#

Target Compounds

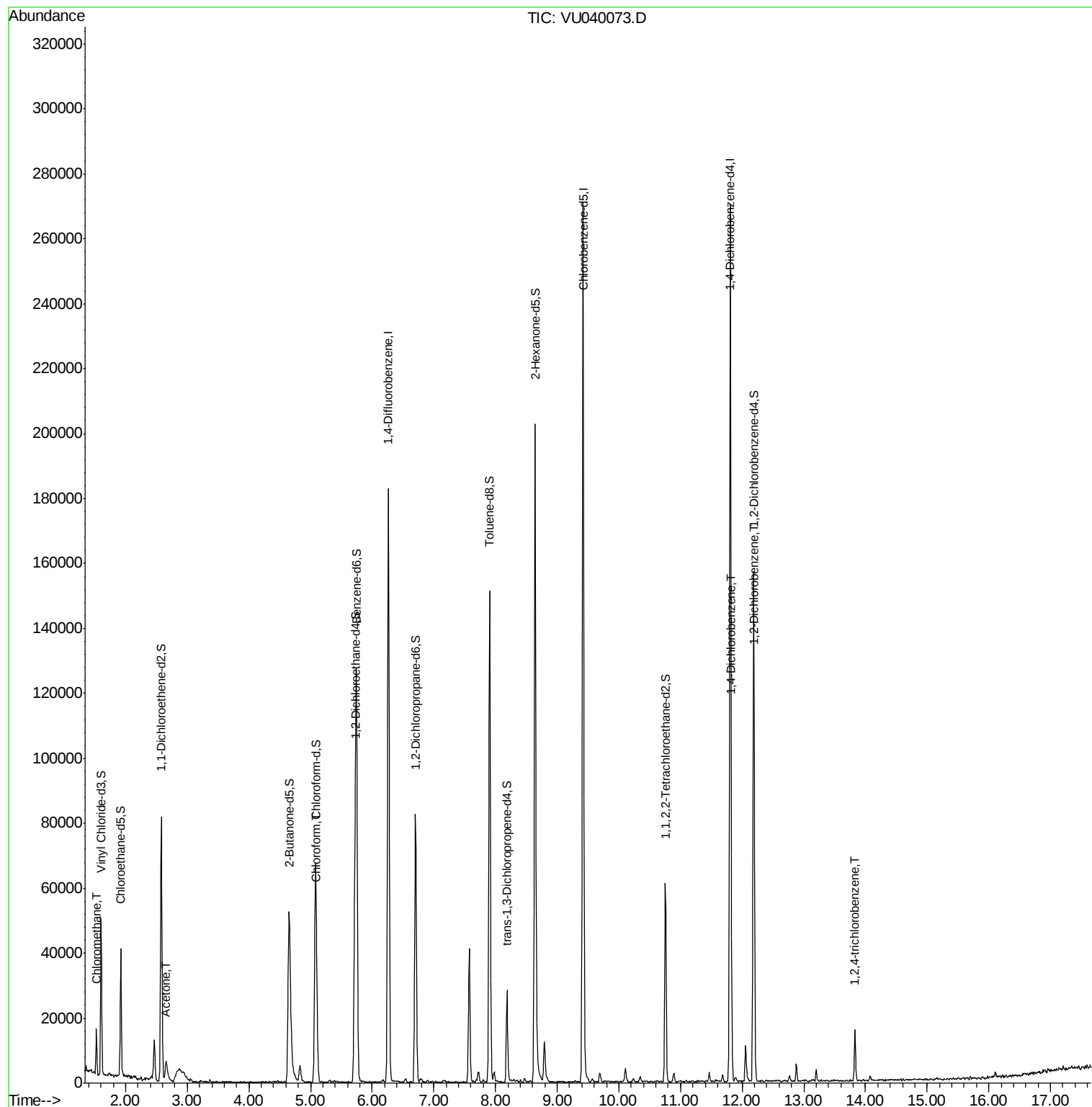
					Ovalue
3) Chloromethane	1.53	50	9159	0.722	ug/L 100
13) Acetone	2.66	43	11959	4.432	ug/L 88
25) Chloroform	5.11	83	7749	0.331	ug/L 98
63) 1,4-Dichlorobenzene	11.83	146	2658	0.119	ug/L 91
65) 1,2-Dichlorobenzene	12.20	146	2394	0.112	ug/L # 75
68) 1,2,4-trichlorobenzene	13.83	180	4780	0.357	ug/L # 82

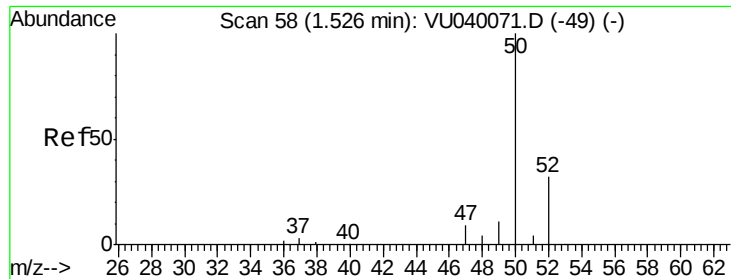
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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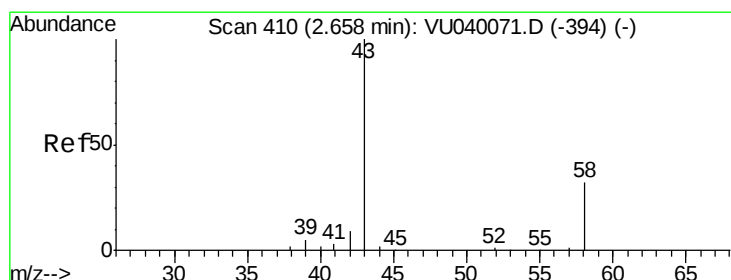
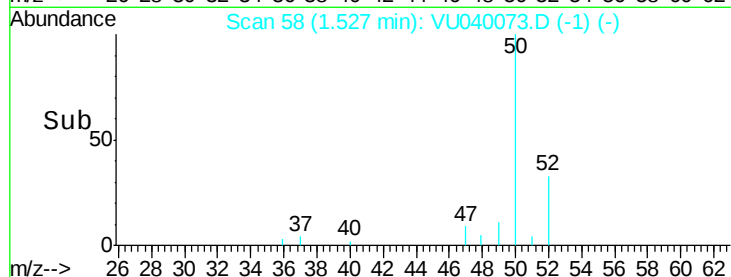
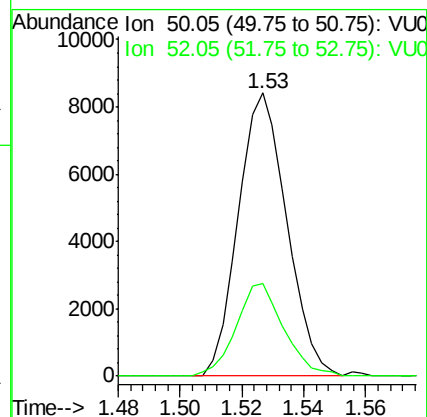
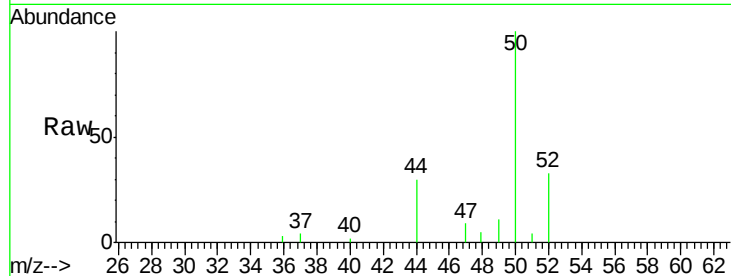




#3
Chloromethane
Concen: 0.722 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040073.D
Acq: 10 Sep 2020 11:55

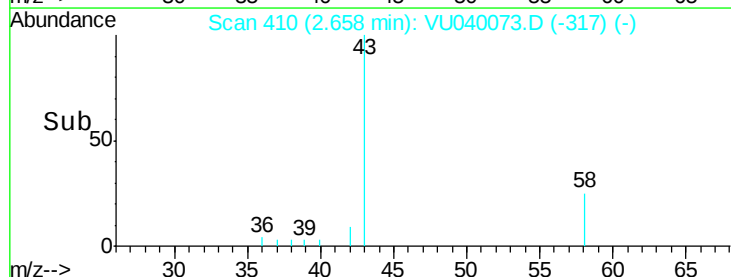
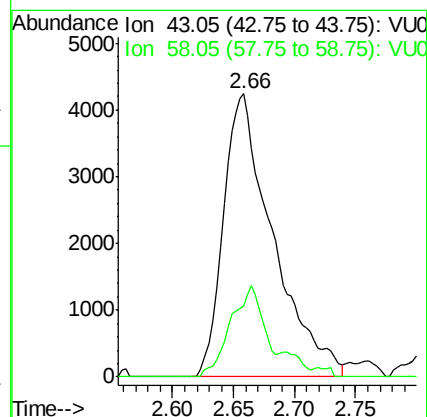
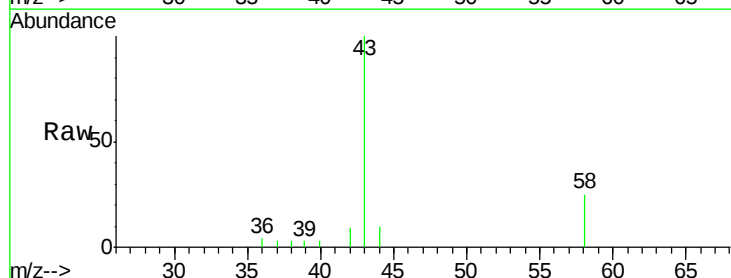
Instrument :
MSVOA_U
ClientSampleId :
BFS8

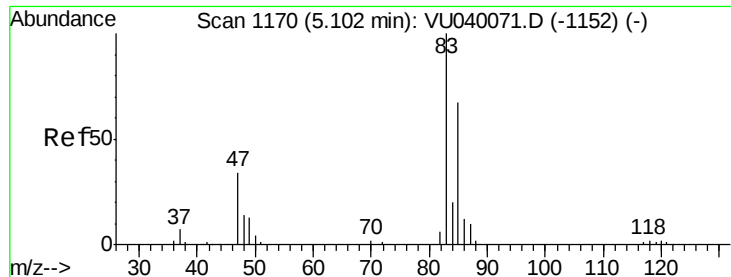
Tot Ion: 50 Resp: 9159
Ion Ratio Lower Upper
50 100
52 32.6 22.8 42.4



#13
Acetone
Concen: 4.432 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU040073.D
Acq: 10 Sep 2020 11:55

Tgt Ion: 43 Resp: 11959
Ion Ratio Lower Upper
43 100
58 21.5 0.0 55.4

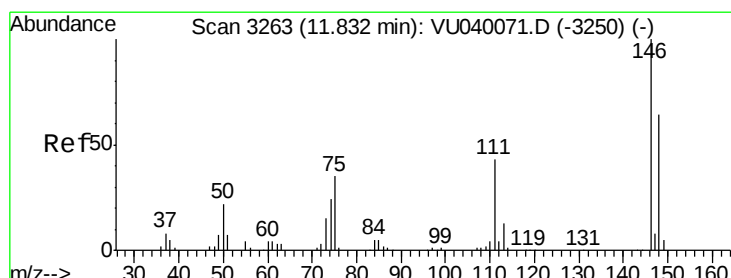
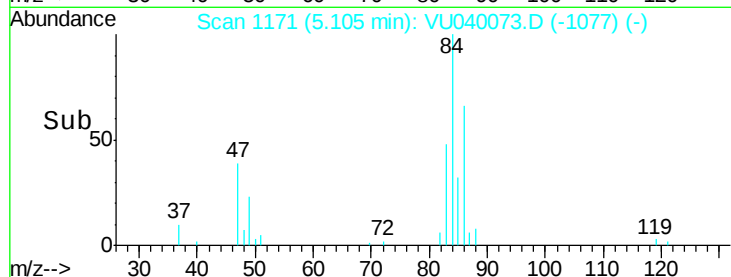
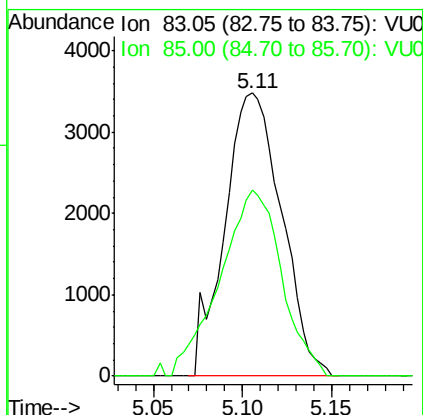
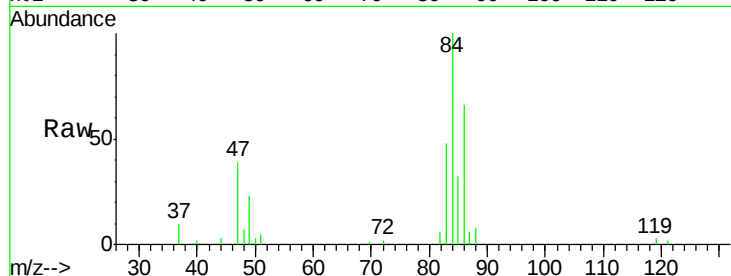




#25
Chloroform
Concen: 0.331 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040073.D
Acq: 10 Sep 2020 11:55

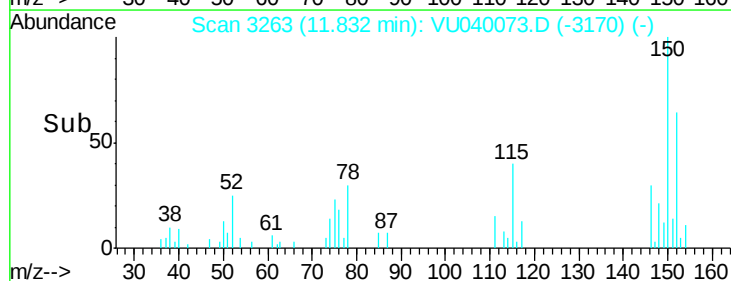
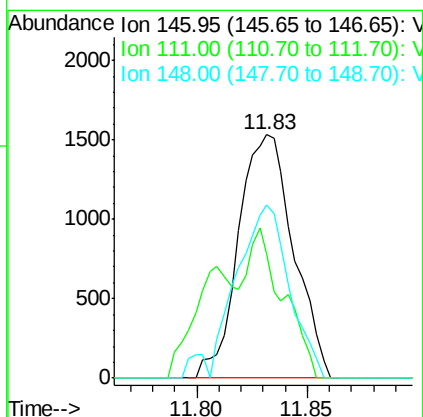
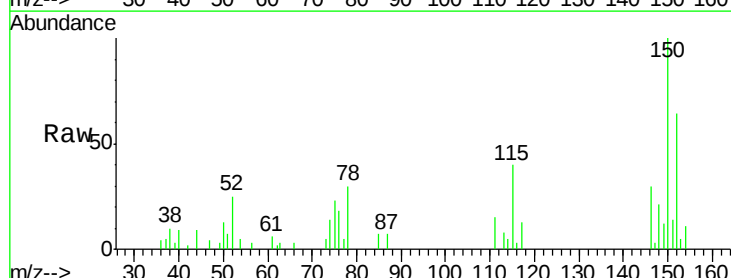
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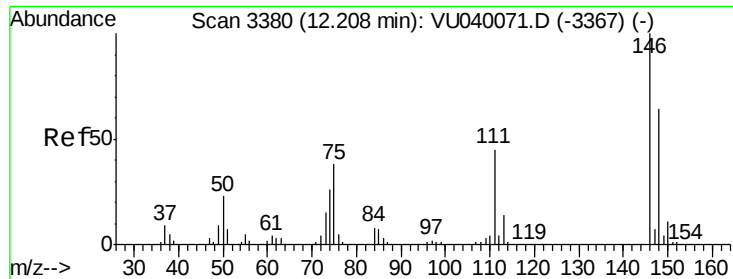
Tot Ion: 83 Resp: 7749
Ion Ratio Lower Upper
83 100
85 66.0 45.3 84.1



#63
1,4-Dichlorobenzene
Concen: 0.119 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040073.D
Acq: 10 Sep 2020 11:55

Tgt Ion: 146 Resp: 2658
Ion Ratio Lower Upper
146 100
111 51.1 30.5 56.7
148 70.9 45.4 84.4

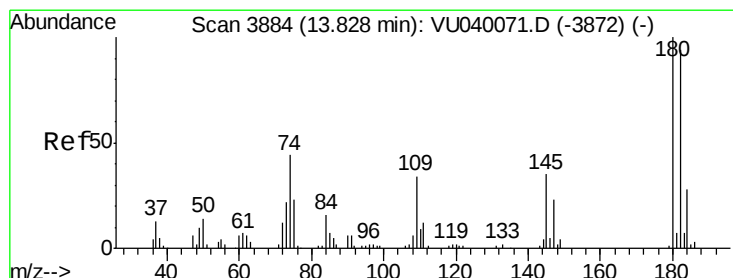
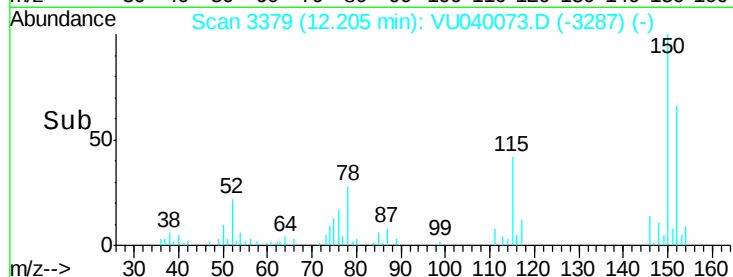
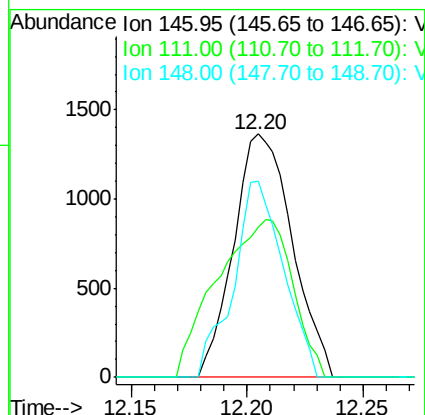
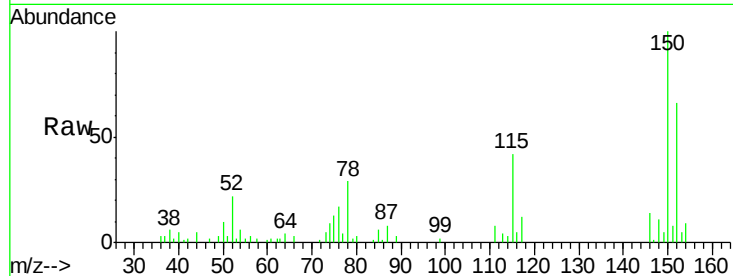




#65
 1,2-Dichlorobenzene
 Concen: 0.112 ug/L
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040073.D
 Acq: 10 Sep 2020 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWS8

Tot Ion:146 Resp: 2394
 Ion Ratio Lower Upper
 146 100
 111 61.4 36.5 54.7#
 148 80.4 48.6 72.8#



#68
 1,2,4-trichlorobenzene
 Concen: 0.357 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040073.D
 Acq: 10 Sep 2020 11:55

Tgt Ion:180 Resp: 4780
 Ion Ratio Lower Upper
 180 100
 182 77.5 76.0 114.0
 145 25.0 28.4 42.6#

