

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 :
 BFWS8

Quant Time: Sep 11 01:56:17 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

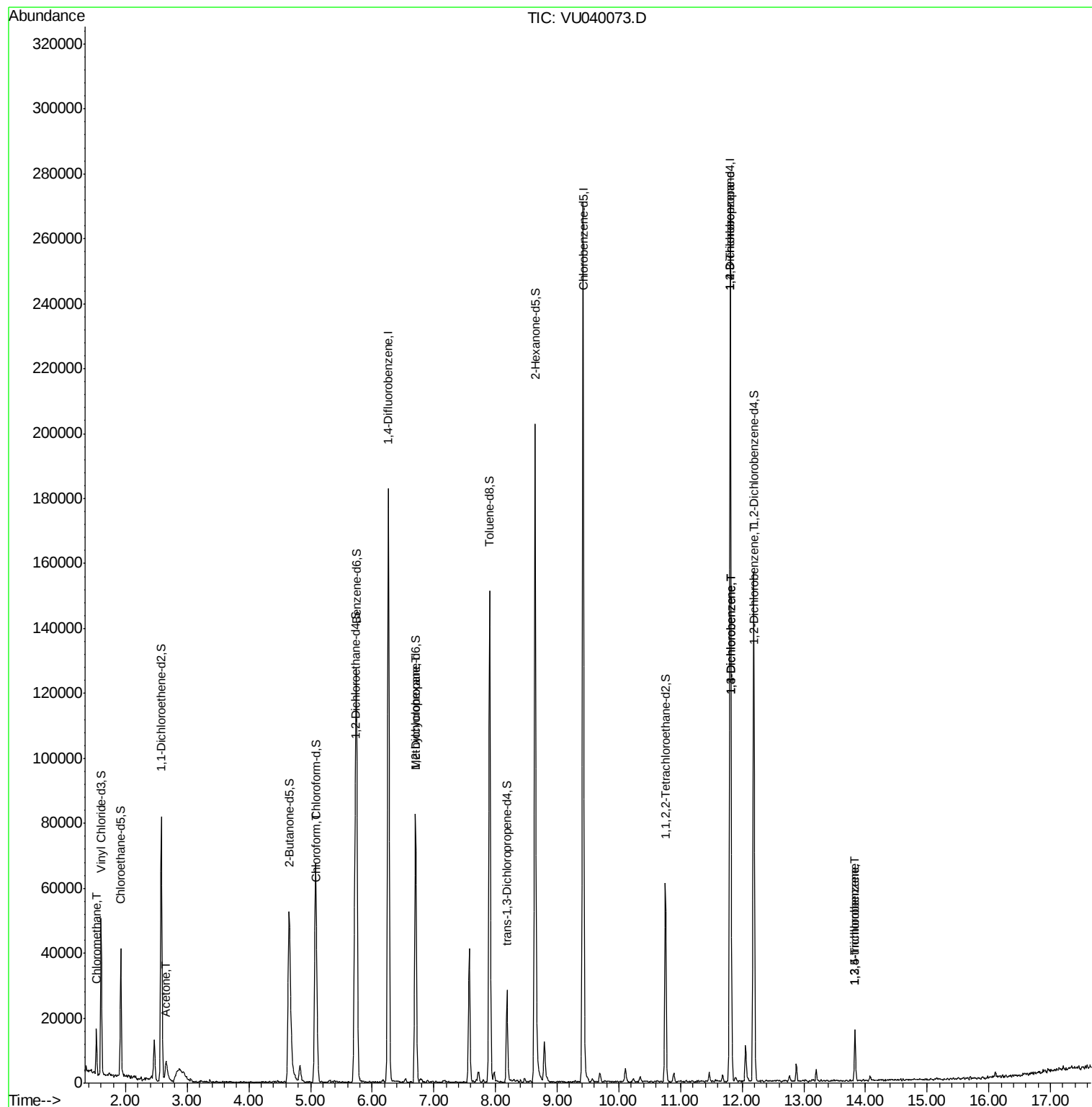
					Ovalue
3) Chloromethane	1.53	50	9159	0.722	ug/L 100
13) Acetone	2.66	43	11959	4.432	ug/L 88
25) Chloroform	5.11	83	7749	0.331	ug/L 98
35) Methylcyclohexane	6.70	83	8260	0.418	ug/L # 15
59) 1,2,3-Trichloropropane	11.81	75	10634	1.101	ug/L # 87
62) 1,3-Dichlorobenzene	11.83	146	2658	0.120	ug/L 90
63) 1,4-Dichlorobenzene	11.83	146	2658	0.119	ug/L 91
65) 1,2-Dichlorobenzene	12.20	146	2394	0.112	ug/L # 75
67) 1,3,5-Trichlorobenzene	13.83	180	4780	0.308	ug/L # 85
68) 1,2,4-trichlorobenzene	13.83	180	4780	0.357	ug/L # 82

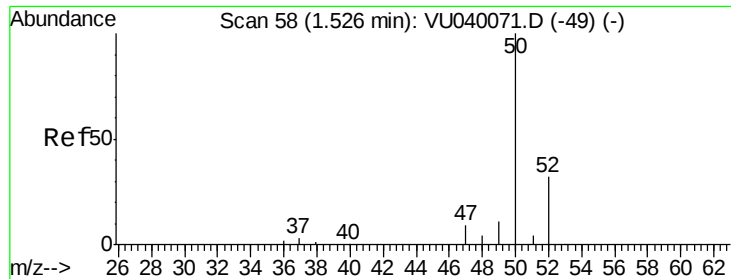
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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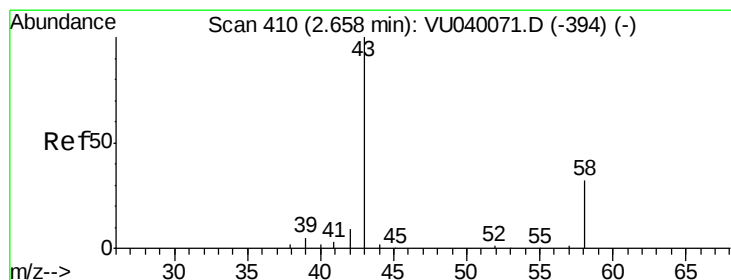
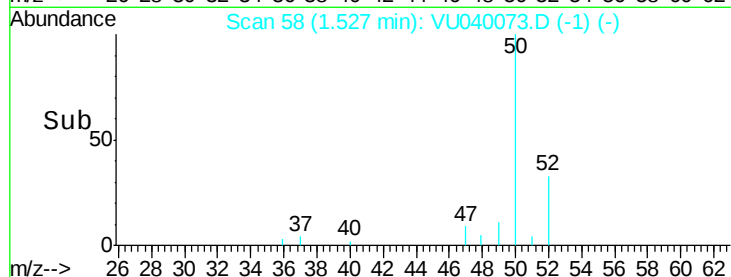
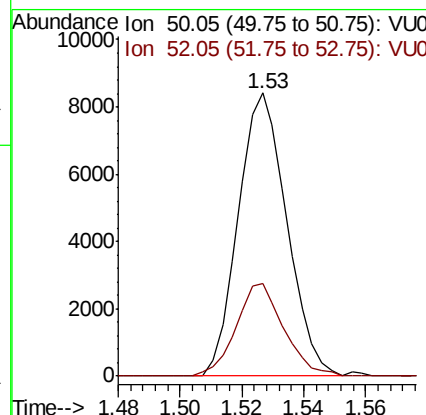
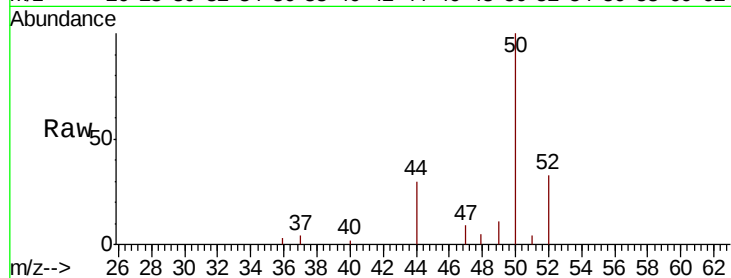




#3
 Chloromethane
 Concen: 0.722 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040073.D
 Acq: 10 Sep 2020 11:55

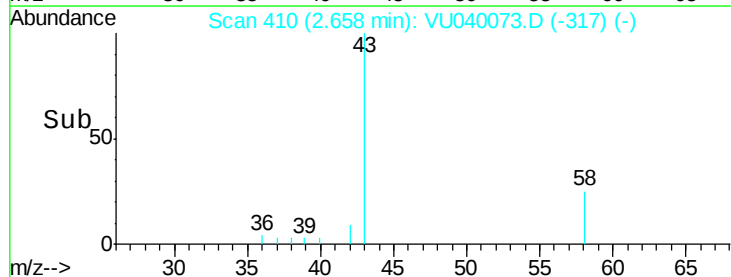
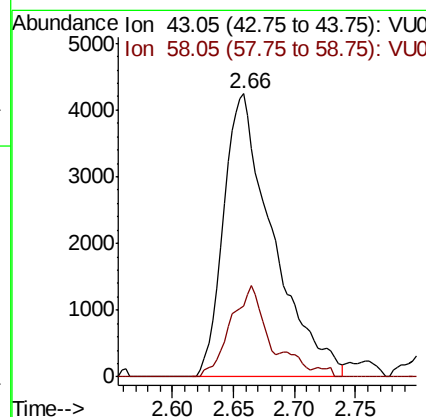
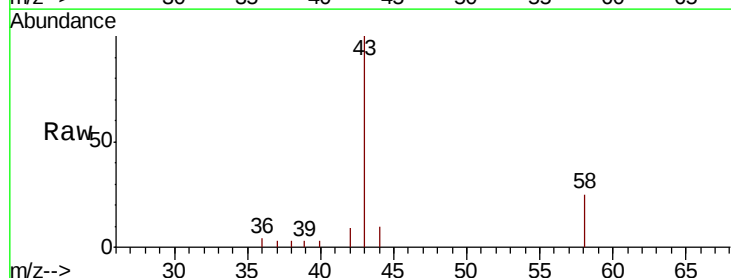
Instrument :
 MSVOA_U
 ClientSampleId :
 BFW58

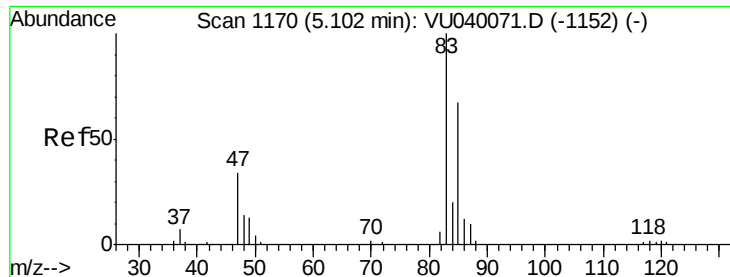
Tot Ion: 50 Resp: 9159
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4



#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

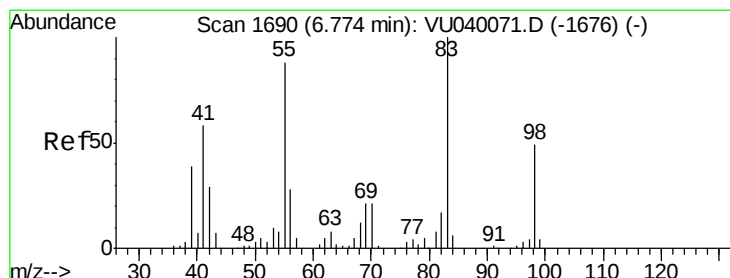
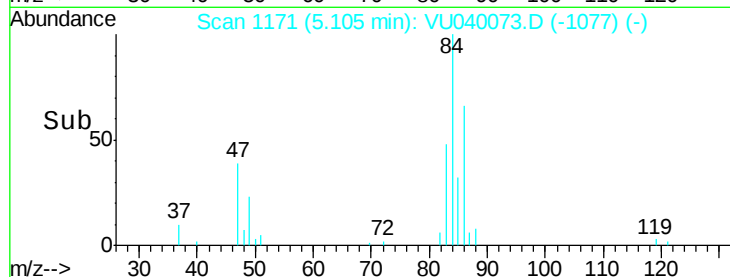
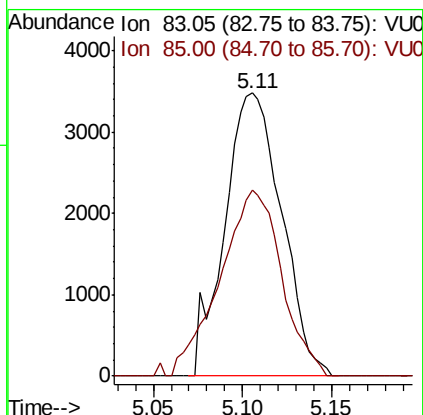
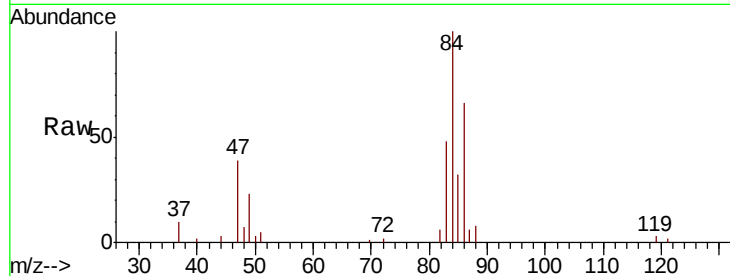




#25
Chloroform
Concen: 0.331 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040073.D
Acq: 10 Sep 2020 11:55

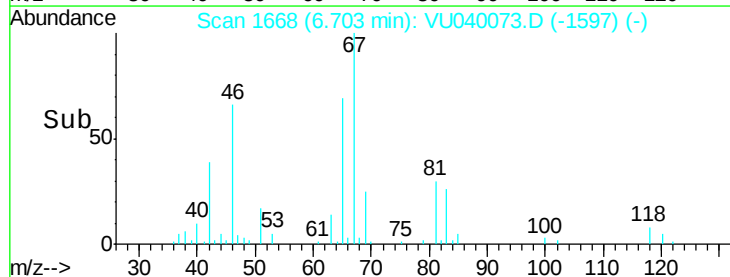
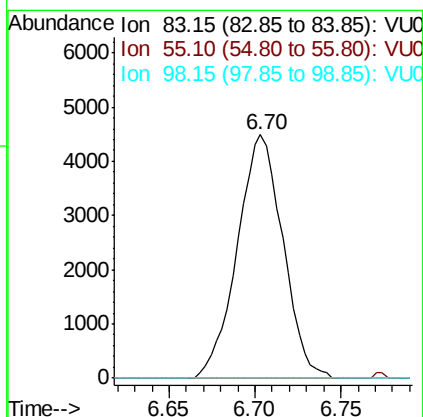
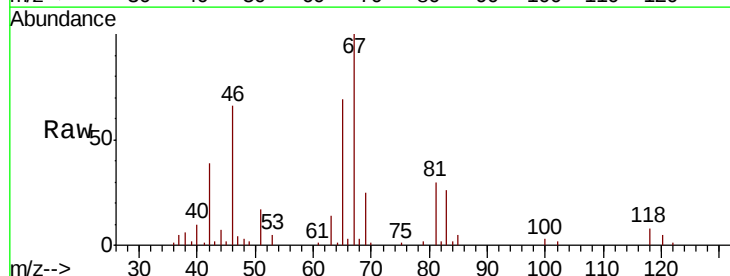
Instrument :
MSVOA_U
ClientSampleId :
BFS8

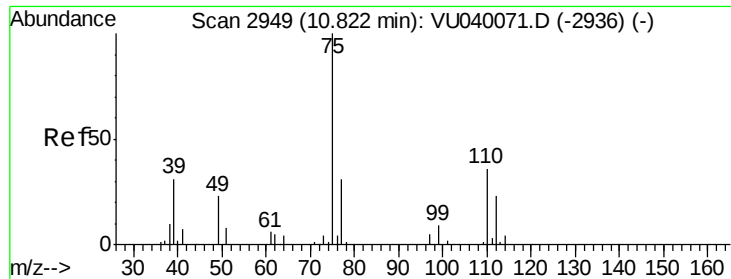
Tot Ion: 83 Resp: 7749
Ion Ratio Lower Upper
83 100
85 66.0 45.3 84.1



#35
Methylcyclohexane
Concen: 0.418 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040073.D
Acq: 10 Sep 2020 11:55

Tgt Ion: 83 Resp: 8260
Ion Ratio Lower Upper
83 100
55 0.5 70.5 105.7#
98 1.3 37.8 56.6#





#59

1,2,3-Trichloropropane

Concen: 1.101 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040073.D

Acq: 10 Sep 2020 11:55

Instrument :

MSVOA_U

ClientSampled :

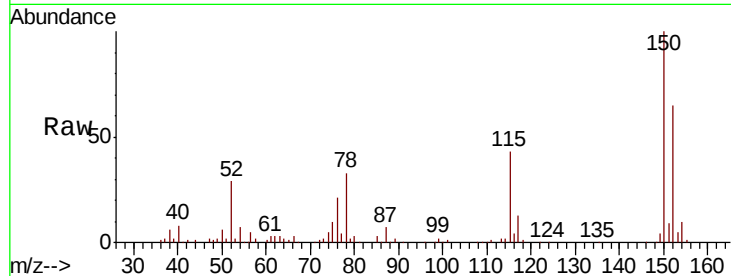
BFWS8

Tot Ion: 75 Resp: 10634

Ion Ratio Lower Upper

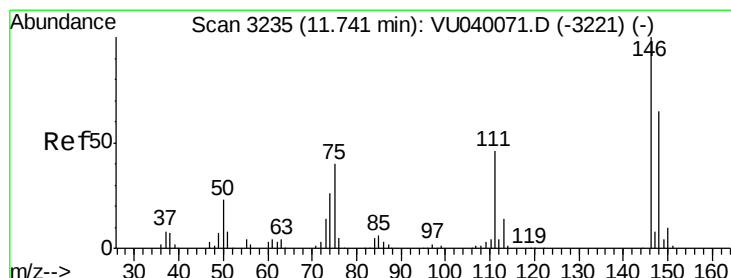
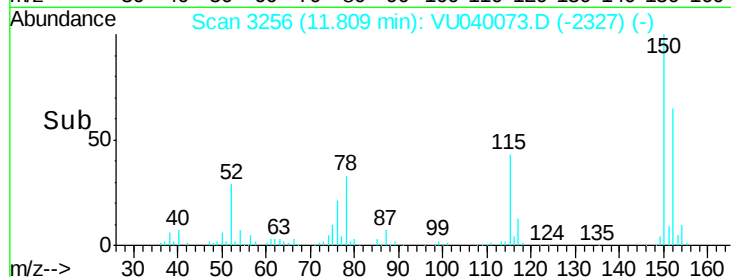
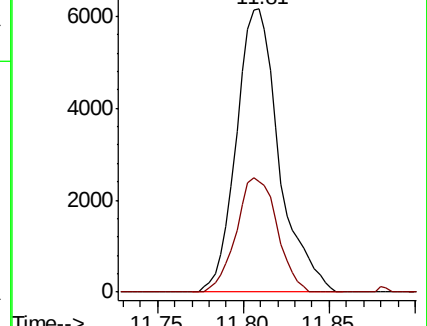
75 100

77 38.4 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU040073.D (-3256) (-)

Ion 77.00 (76.70 to 77.70): VU040073.D (-3256) (-)



#62

1,3-Dichlorobenzene

Concen: 0.120 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.09 min

Lab File: VU040073.D

Acq: 10 Sep 2020 11:55

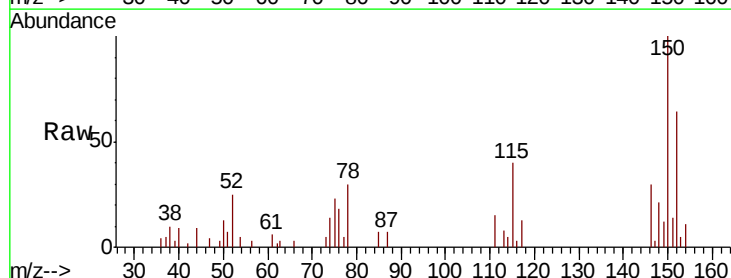
Tgt Ion: 146 Resp: 2658

Ion Ratio Lower Upper

146 100

111 51.1 31.6 58.8

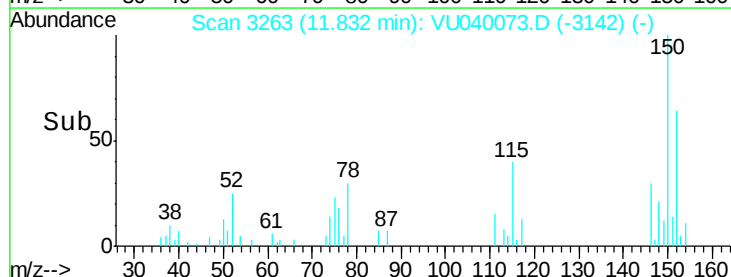
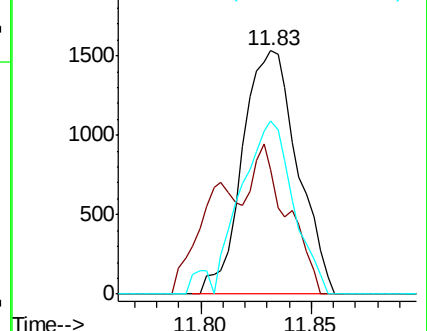
148 70.9 44.2 82.0

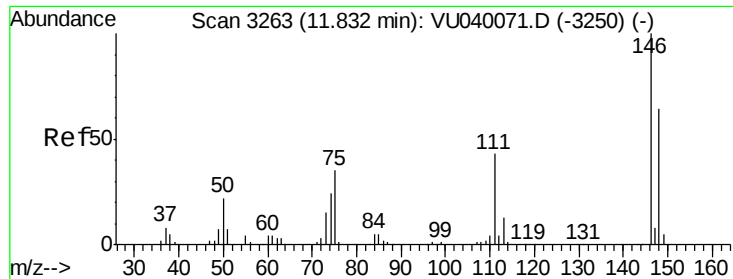


Abundance Ion 145.95 (145.65 to 146.65): VU040073.D (-3263) (-)

Ion 111.00 (110.70 to 111.70): VU040073.D (-3263) (-)

Ion 148.00 (147.70 to 148.70): VU040073.D (-3263) (-)





#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

Instrument :

MSVOA_U

ClientSampled :

BFWS8

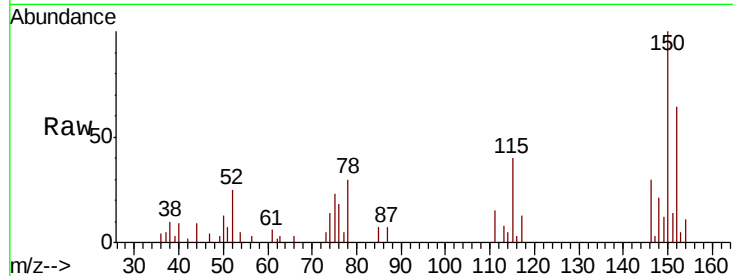
Tot Ion:146 Resp: 2658

Ion Ratio Lower Upper

146 100

111 51.1 30.5 56.7

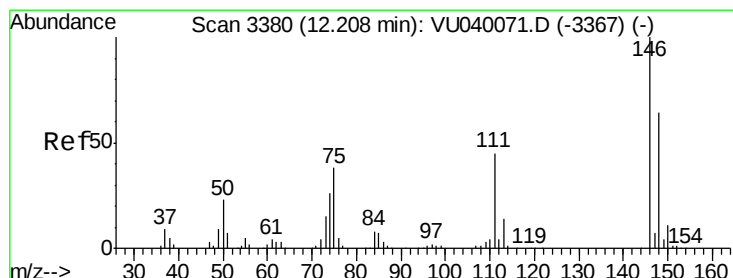
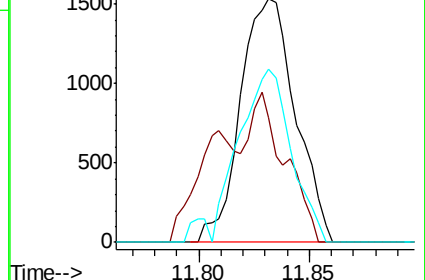
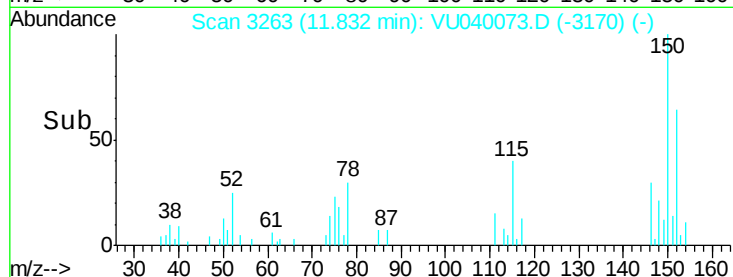
148 70.9 45.4 84.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#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

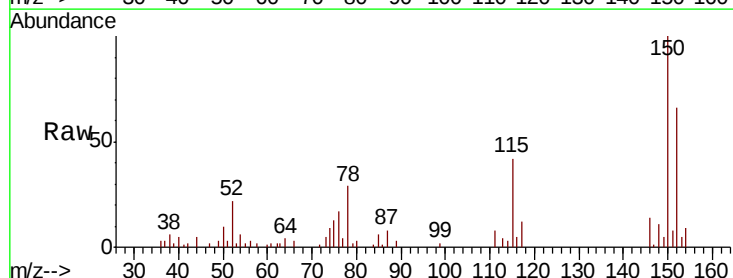
Tgt Ion:146 Resp: 2394

Ion Ratio Lower Upper

146 100

111 61.4 36.5 54.7#

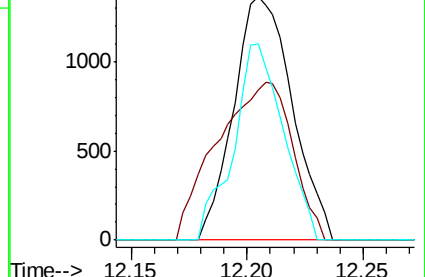
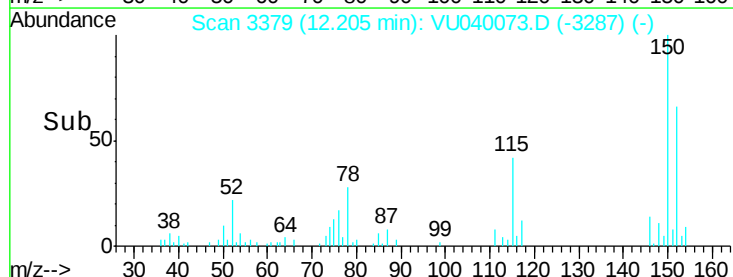
148 80.4 48.6 72.8#

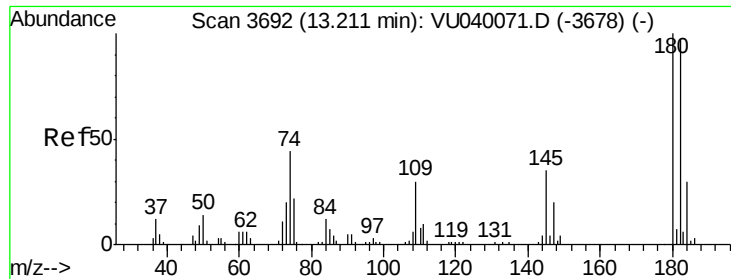


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

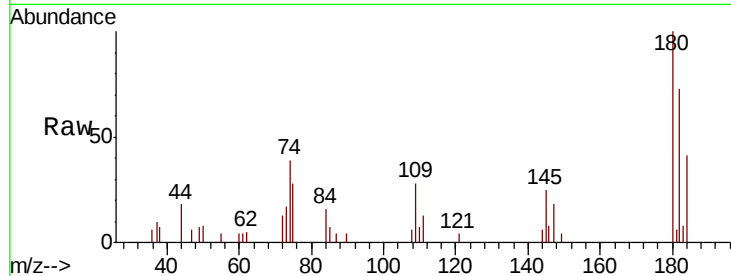




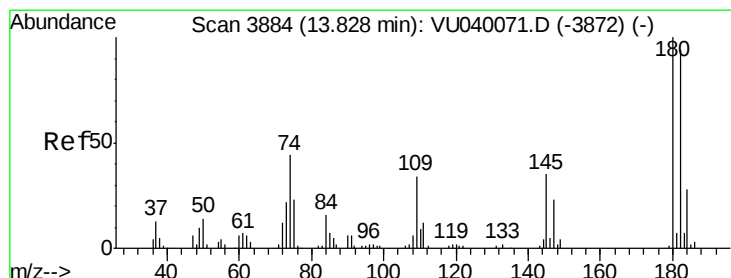
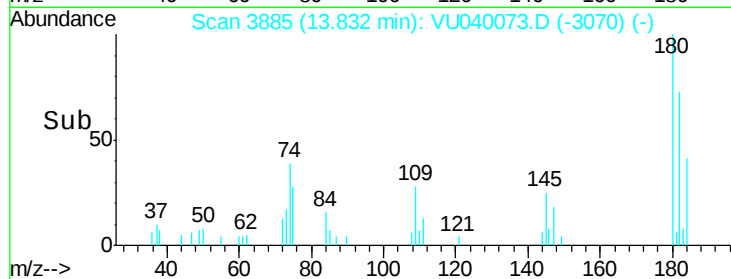
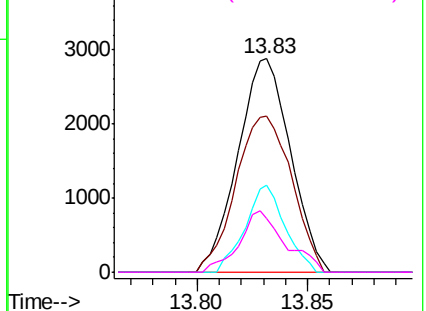
#67
 1,3,5-Trichlorobenzene
 Concen: 0.308 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.62 min
 Lab File: VU040073.D
 Acq: 10 Sep 2020 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWS8

Tot Ion:180 Resp: 4780
 Ion Ratio Lower Upper
 180 100
 182 77.5 76.9 115.3
 184 30.7 24.6 36.8
 145 25.0 27.0 40.6#

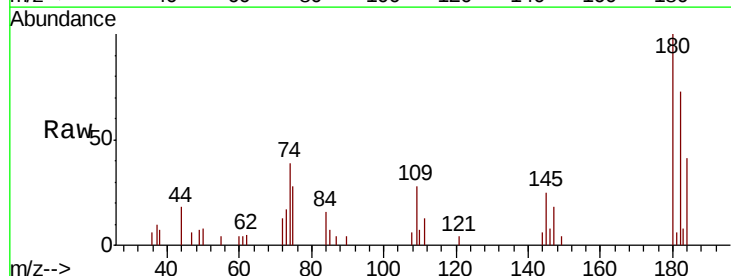


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#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#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

