

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040074.D
 Acq On : 10 Sep 2020 12:18
 Operator : SY/MD
 Sample : L3950-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWT0

Quant Time: Sep 11 01:56:24 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	122482	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56968	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31826	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	25779	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	49921	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.65	46	96719	36.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.32%
24) Chloroform-d	5.08	84	58219	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
26) 1,2-Dichloroethane-d4	5.72	65	35293	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
32) Benzene-d6	5.75	84	108989	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.80%
36) 1,2-Dichloropropane-d6	6.70	67	35417	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.80%
41) Toluene-d8	7.91	98	90398	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.80%#
43) trans-1,3-Dichloropropene-	8.18	79	14861	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.64	63	69464	32.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29412	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34029	3.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.80%#

Target Compounds

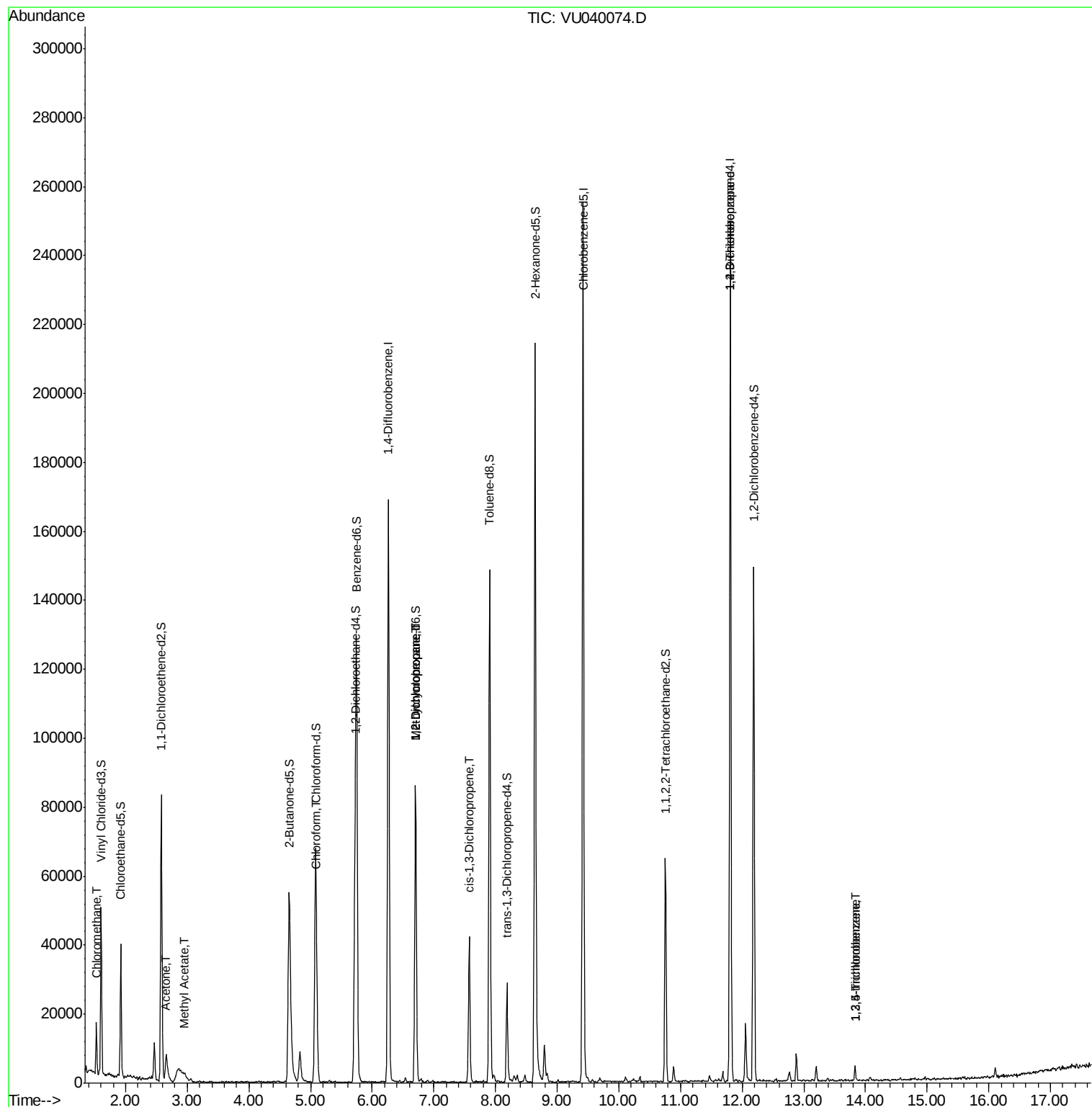
					Ovalue
3) Chloromethane	1.53	50	9605	0.825	ug/L 99
13) Acetone	2.66	43	13798	5.572	ug/L 97
15) Methyl Acetate	2.96	43	1077	0.173	ug/L # 54
25) Chloroform	5.11	83	5926	0.276	ug/L 97
35) Methylcyclohexane	6.70	83	8467	0.455	ug/L # 15
37) 1,2-Dichloropropane	6.71	63	4253	0.347	ug/L # 88
39) cis-1,3-Dichloropropene	7.58	75	1299	0.072	ug/L 94
59) 1,2,3-Trichloropropane	11.81	75	8901	0.980	ug/L # 88
67) 1,3,5-Trichlorobenzene	13.84	180	1357	0.093	ug/L # 92
68) 1,2,4-trichlorobenzene	13.84	180	1357	0.108	ug/L 97

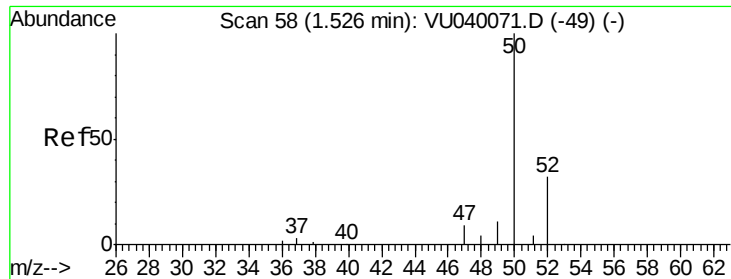
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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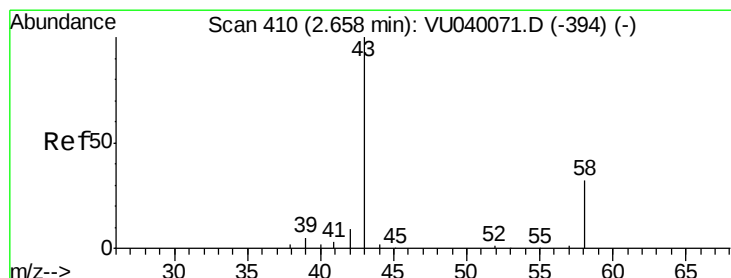
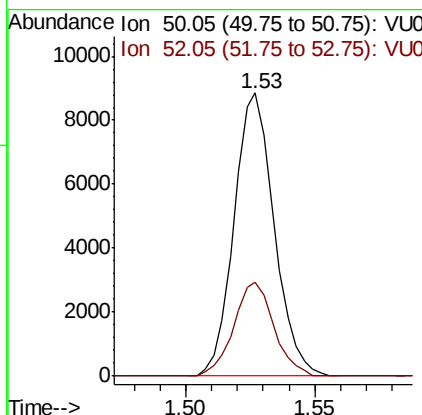
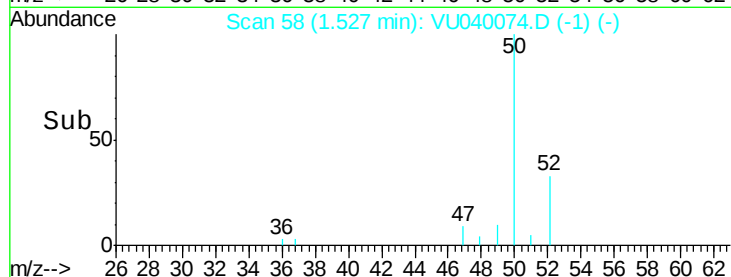
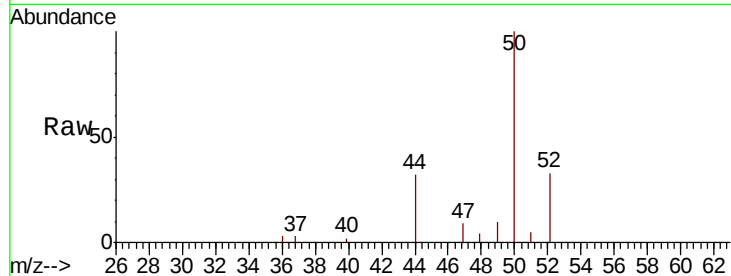




#3
 Chloromethane
 Concen: 0.825 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040074.D
 Acq: 10 Sep 2020 12:18

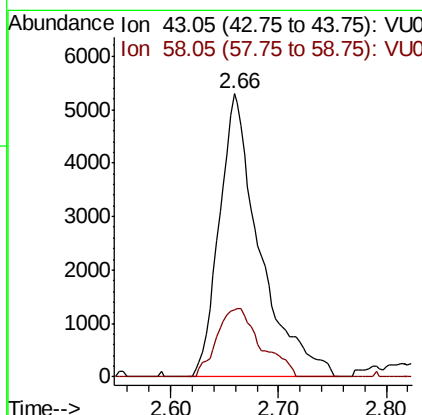
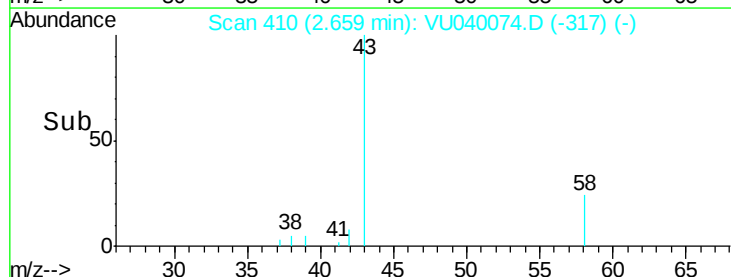
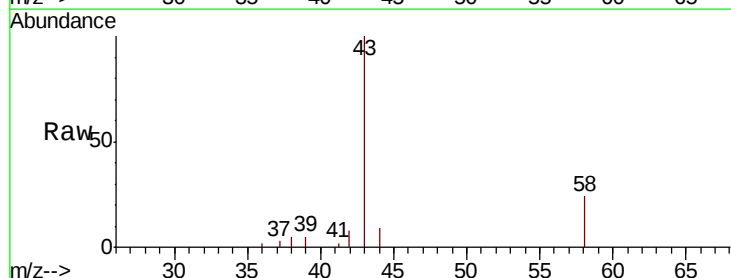
Instrument :
 MSVOA_U
 ClientSampleId :
 BFWT0

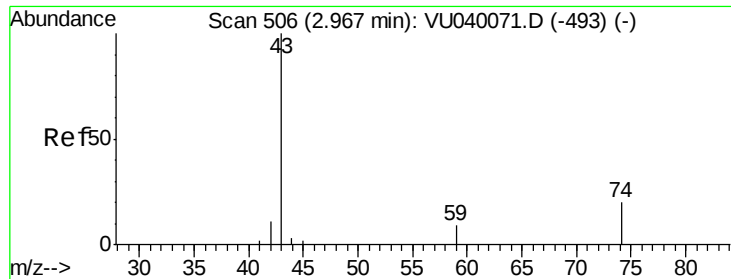
Tot Ion: 50 Resp: 9605
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.8 42.4



#13
 Acetone
 Concen: 5.572 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU040074.D
 Acq: 10 Sep 2020 12:18

Tgt Ion: 43 Resp: 13798
 Ion Ratio Lower Upper
 43 100
 58 26.3 0.0 55.4

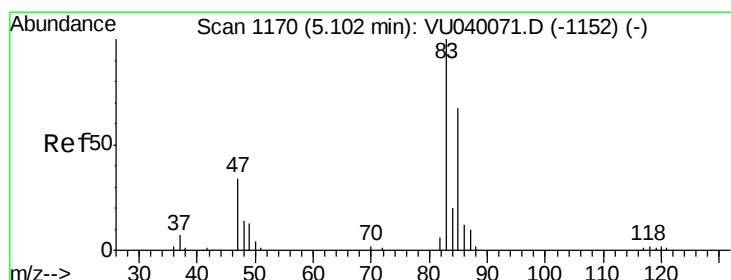
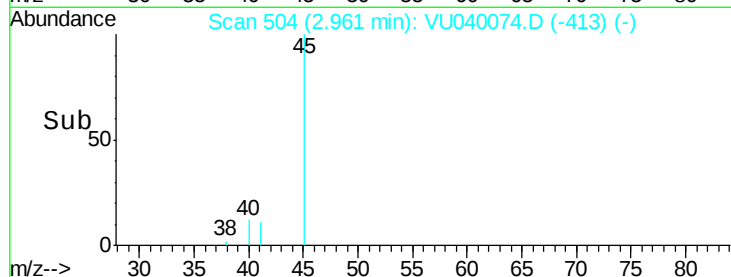
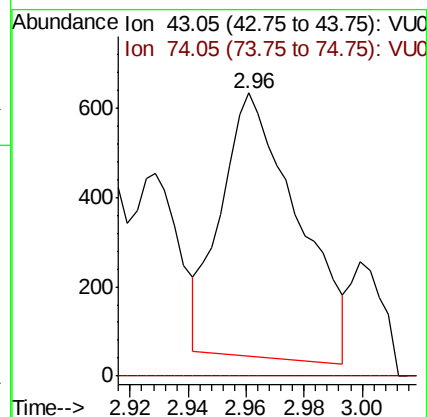
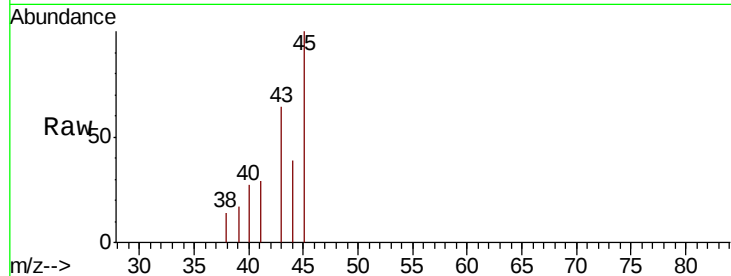




#15
Methvl Acetate
Concen: 0.173 ug/L
RT: 2.96 min Scan# 504
Delta R.T. -0.01 min
Lab File: VU040074.D
Acq: 10 Sep 2020 12:18

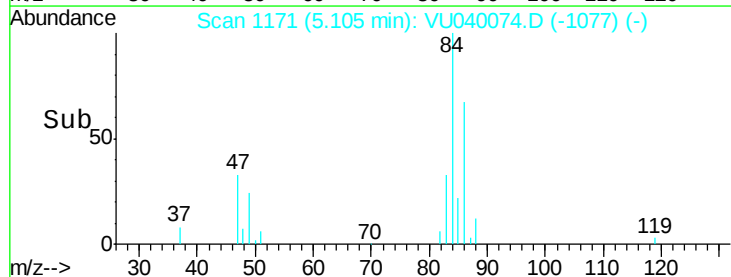
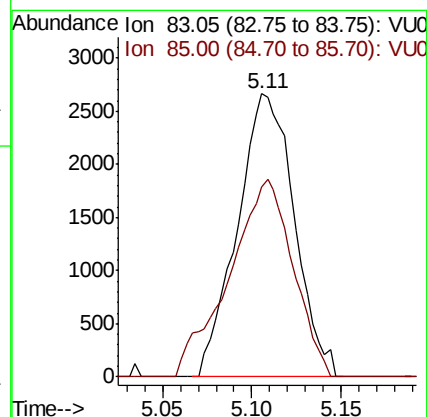
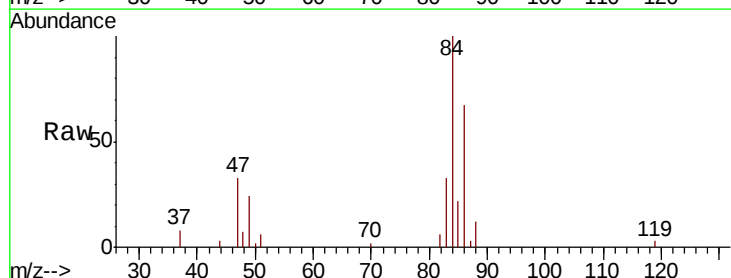
Instrument :
MSVOA_U
ClientSampleId :
BFWT0

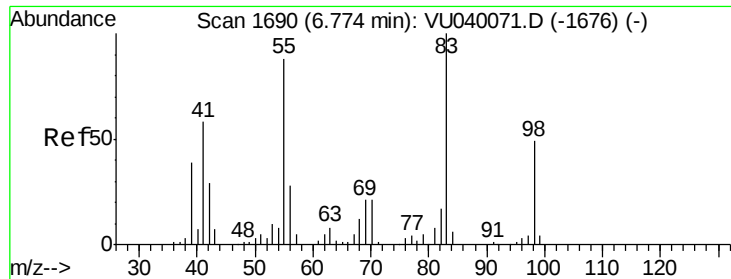
Tot Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#25
Chloroform
Concen: 0.276 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040074.D
Acq: 10 Sep 2020 12:18

Tgt Ion: 83 Resp: 5926
Ion Ratio Lower Upper
83 100
85 67.1 45.3 84.1

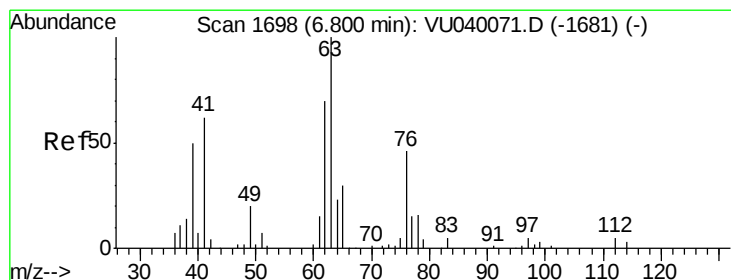
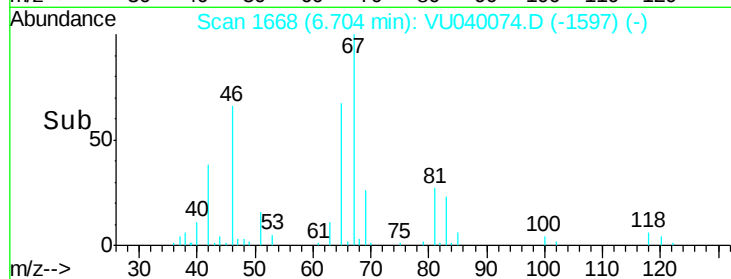
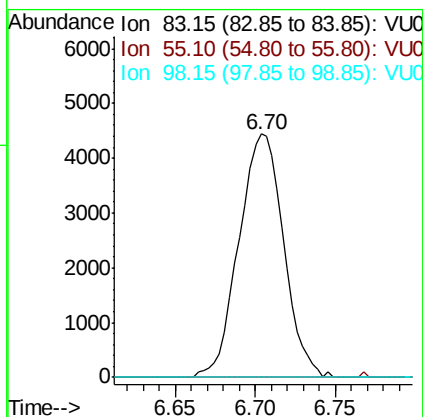
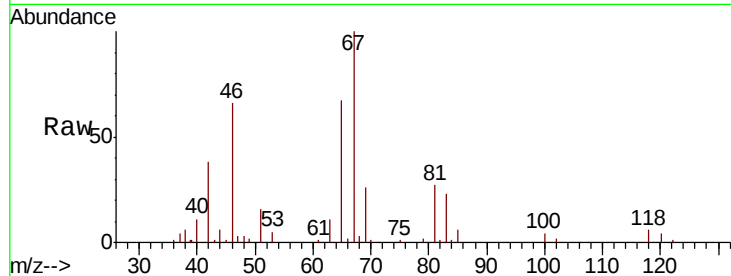




#35
Methvlcvclohexane
Concen: 0.455 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040074.D
Acq: 10 Sep 2020 12:18

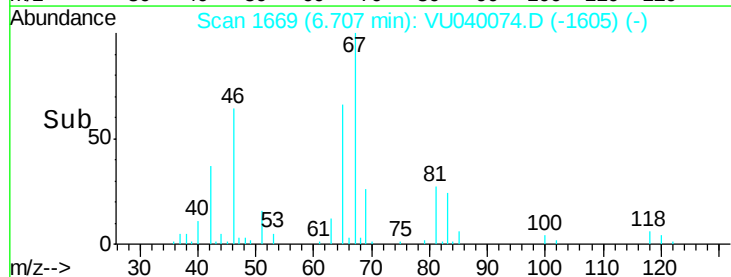
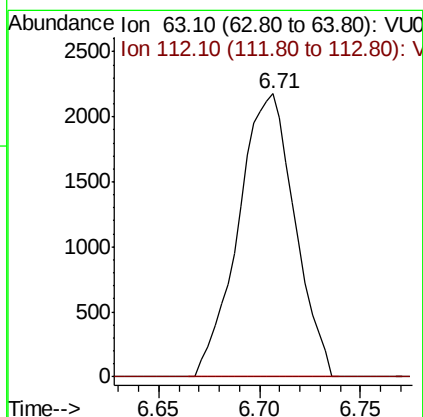
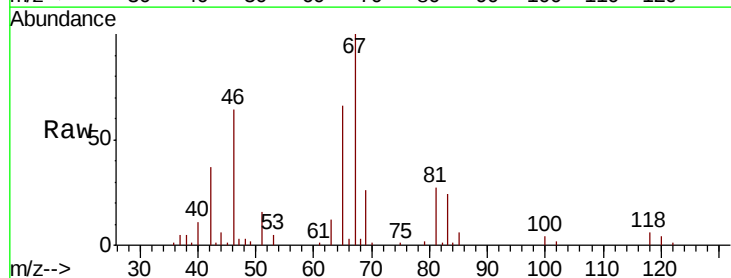
Instrument :
MSVOA_U
ClientSampleId :
BFWT0

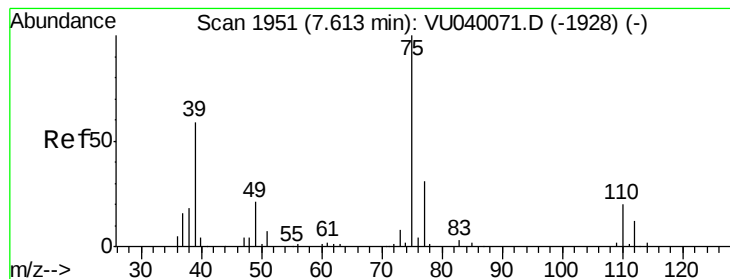
Tot Ion: 83 Resp: 8467
Ion Ratio Lower Upper
83 100
55 0.2 70.5 105.7#
98 1.1 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.347 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040074.D
Acq: 10 Sep 2020 12:18

Tgt Ion: 63 Resp: 4253
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



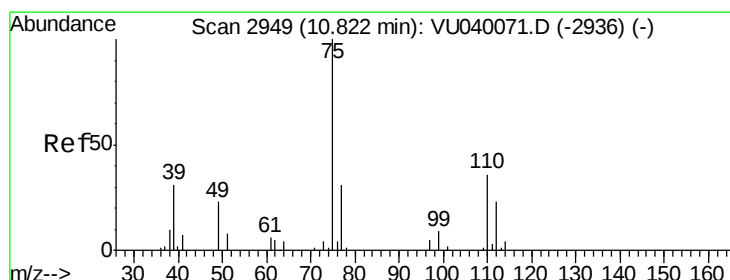
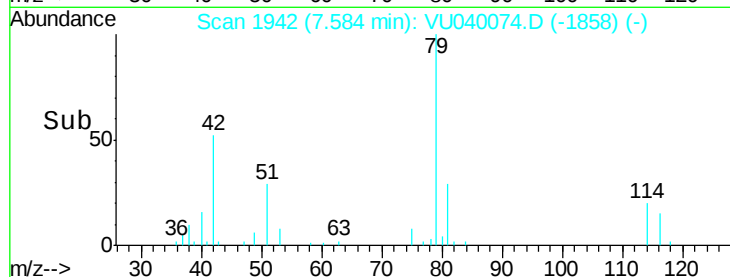
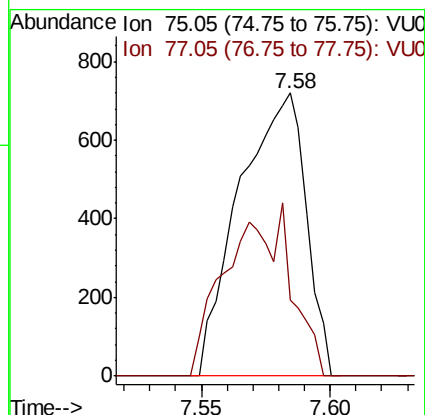
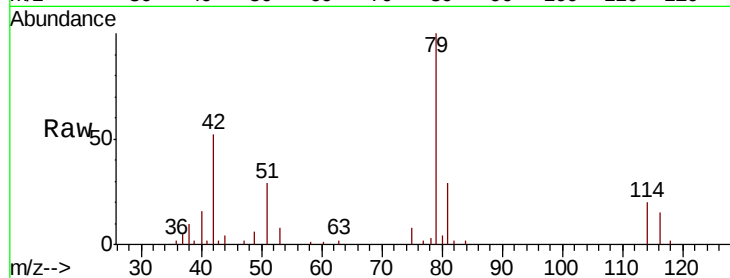


#39

cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.58 min Scan# 1942
 Delta R.T. -0.03 min
 Lab File: VU040074.D
 Acq: 10 Sep 2020 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWT0

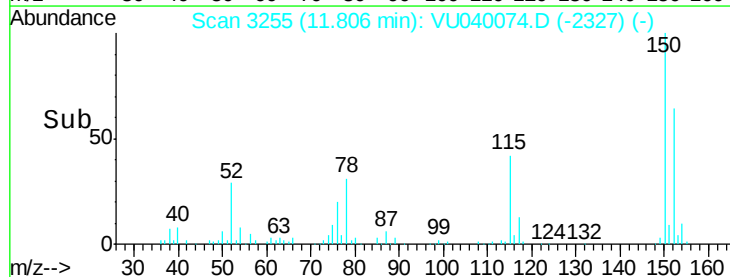
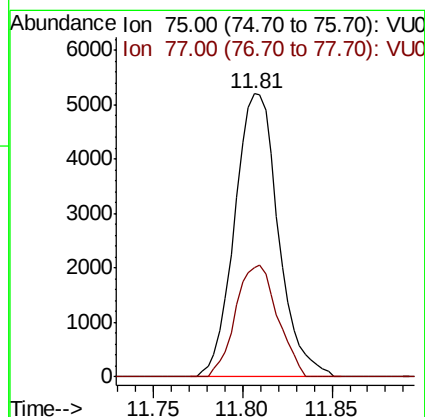
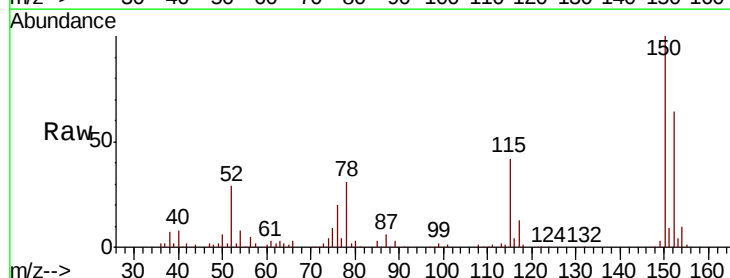
Tot Ion: 75 Resp: 1299
 Ion Ratio Lower Upper
 75 100
 77 26.8 21.1 39.3

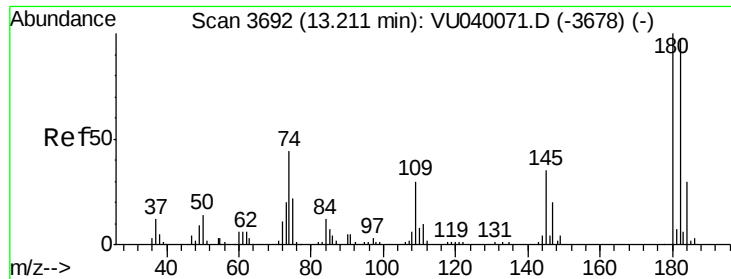


#59

1,2,3-Trichloropropane
 Concen: 0.980 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040074.D
 Acq: 10 Sep 2020 12:18

Tgt Ion: 75 Resp: 8901
 Ion Ratio Lower Upper
 75 100
 77 37.8 24.9 37.3#

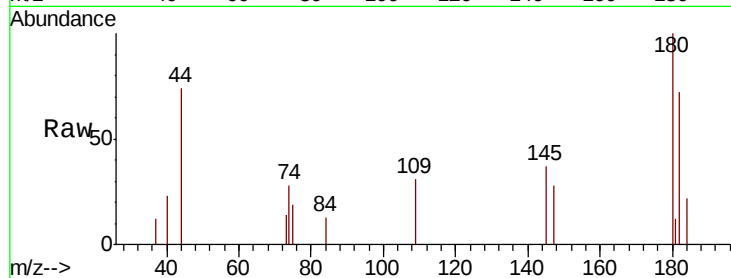




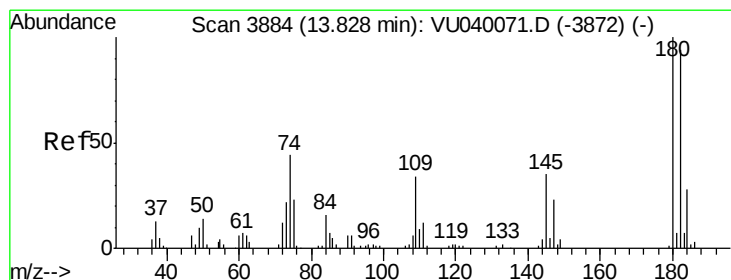
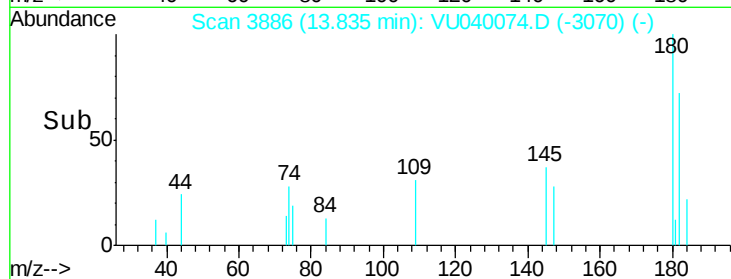
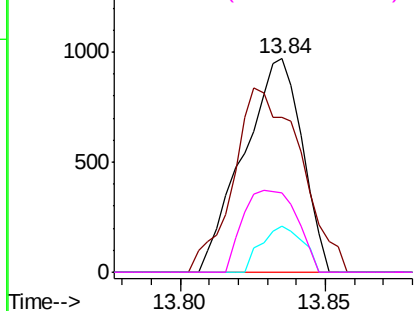
#67
 1,3,5-Trichlorobenzene
 Concen: 0.093 ug/L
 RT: 13.84 min Scan# 3886
 Delta R.T. 0.62 min
 Lab File: VU040074.D
 Acq: 10 Sep 2020 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWT0

Tot Ion:180 Resp: 1357
 Ion Ratio Lower Upper
 180 100
 182 98.7 76.9 115.3
 184 15.3 24.6 36.8#
 145 35.6 27.0 40.6

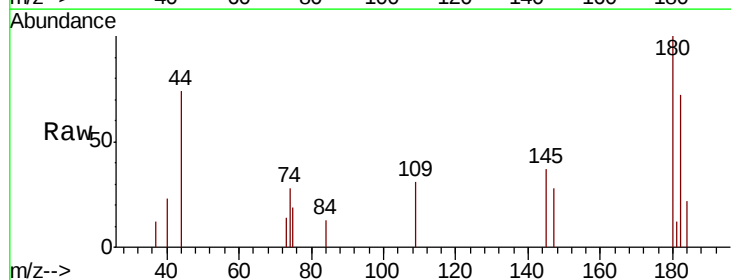


Abundance Ion 180.00 (179.70 to 180.70): V
 1500 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.108 ug/L
 RT: 13.84 min Scan# 3886
 Delta R.T. 0.01 min
 Lab File: VU040074.D
 Acq: 10 Sep 2020 12:18

Tgt Ion:180 Resp: 1357
 Ion Ratio Lower Upper
 180 100
 182 98.7 76.0 114.0
 145 35.6 28.4 42.6



Abundance Ion 179.90 (179.60 to 180.60): V
 1200 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

