

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091420\
 Data File : VU040123.D
 Acq On : 14 Sep 2020 16:25
 Operator : SY/MD
 Sample : L3950-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWT1

Quant Time: Sep 14 16:55:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 14 12:19:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106309	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105623	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27438	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.92	69	24726	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	48191	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.66	46	104407	44.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.94%
24) Chloroform-d	5.08	84	59083	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	35910	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.74	84	109395	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	36491	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.91	98	88770	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.19	79	14323	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.64	63	73678	41.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30584	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	34555	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

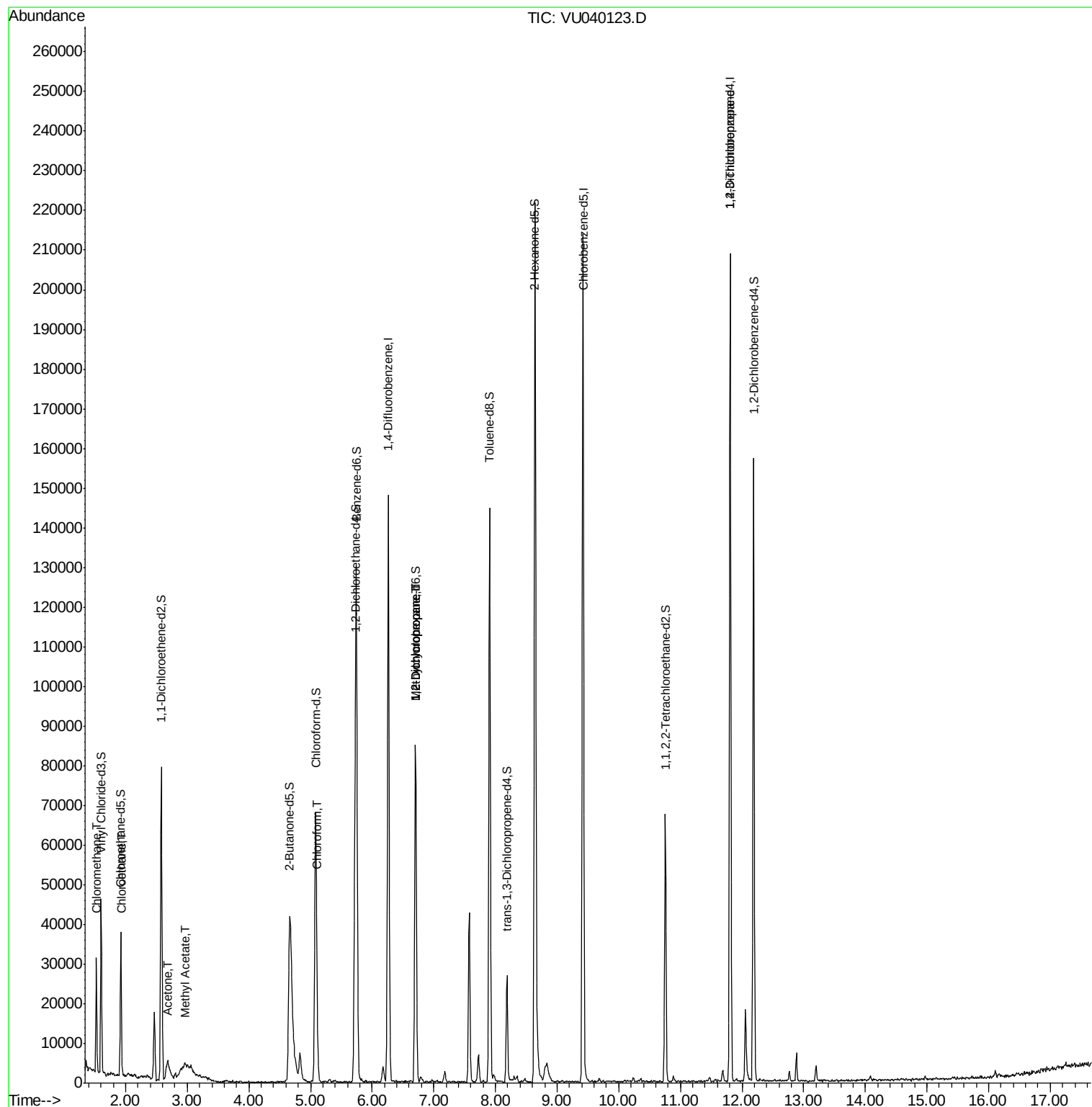
					Qvalue
3) Chloromethane	1.53	50	18478	1.829 ug/L	97
8) Chloroethane	1.94	64	909	0.148 ug/L #	71
13) Acetone	2.68	43	9956	4.632 ug/L	77
15) Methyl Acetate	2.96	43	1565	0.290 ug/L #	54
25) Chloroform	5.11	83	7495	0.402 ug/L	97
35) Methylcyclohexane	6.70	83	8469	0.546 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4464	0.436 ug/L #	88
59) 1,2,3-Trichloropropane	11.81	75	7411	0.978 ug/L #	87

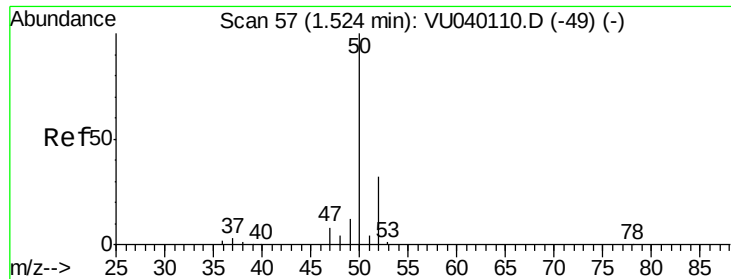
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.829 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040123.D

Acq: 14 Sep 2020 16:25

Instrument :

MSVOA_U

ClientSampleId :

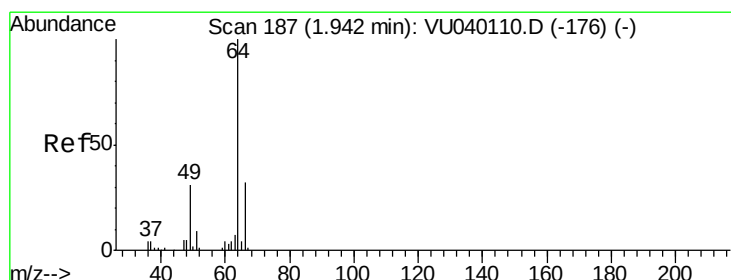
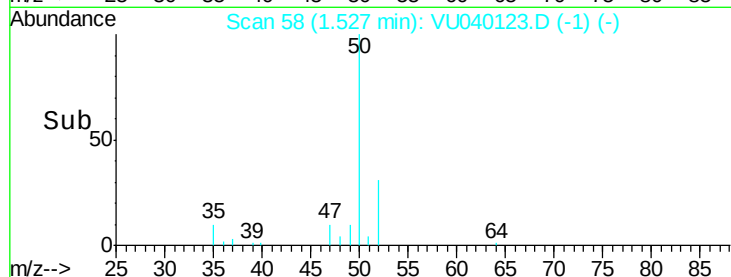
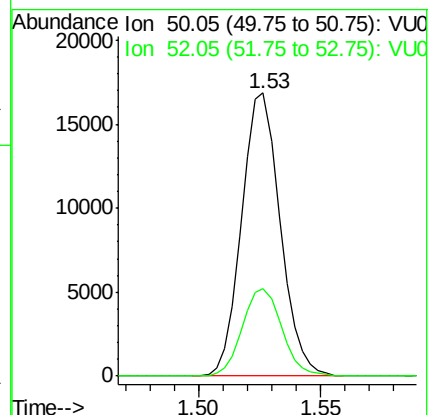
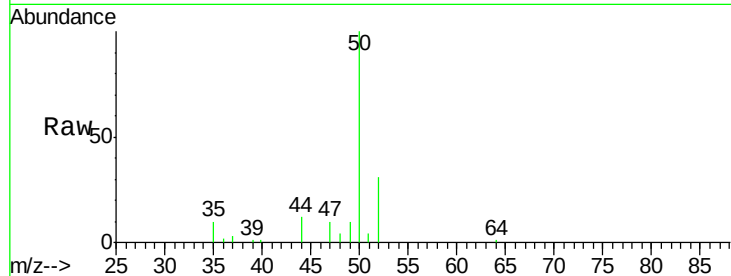
BFWT1

Tgt Ion: 50 Resp: 18478

Ion Ratio Lower Upper

50 100

52 31.0 22.8 42.4



#8

Chloroethane

Concen: 0.148 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU040123.D

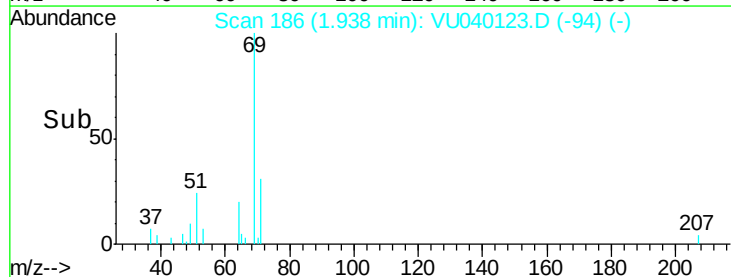
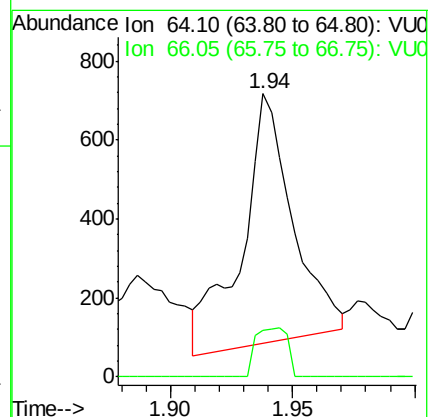
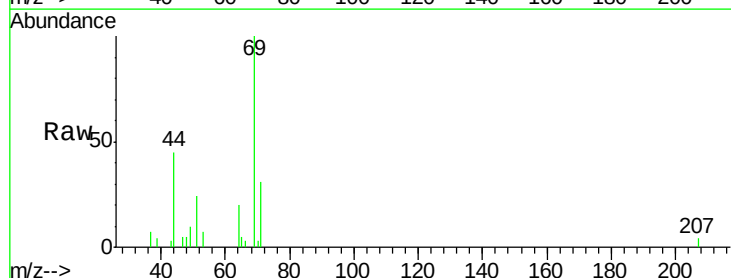
Acq: 14 Sep 2020 16:25

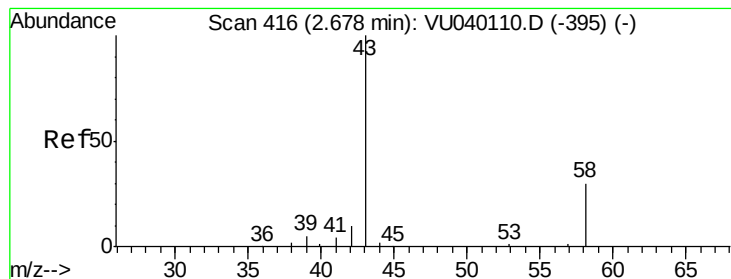
Tgt Ion: 64 Resp: 909

Ion Ratio Lower Upper

64 100

66 16.2 22.7 42.1#





#13

Acetone

Concen: 4.632 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU040123.D

Acq: 14 Sep 2020 16:25

Instrument :

MSVOA_U

ClientSampleId :

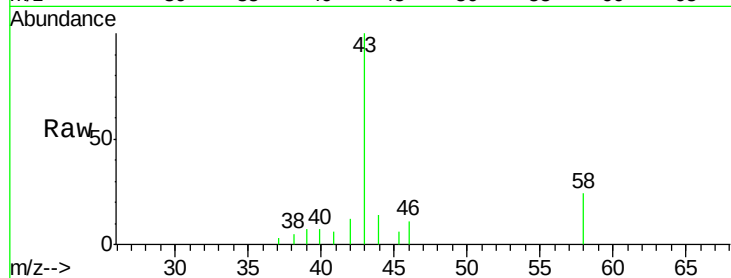
BFWT1

Tgt Ion: 43 Resp: 9956

Ion Ratio Lower Upper

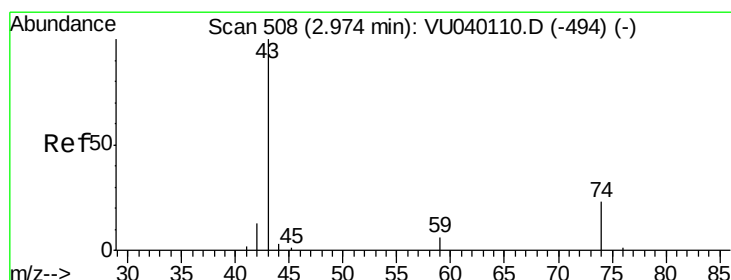
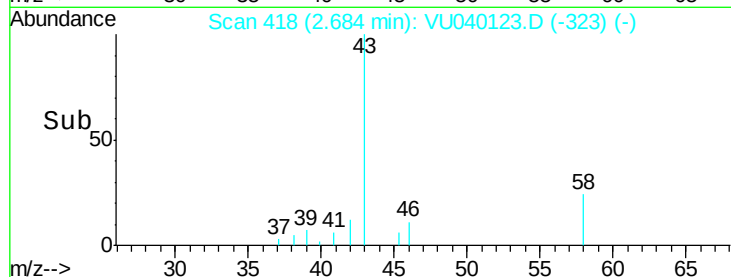
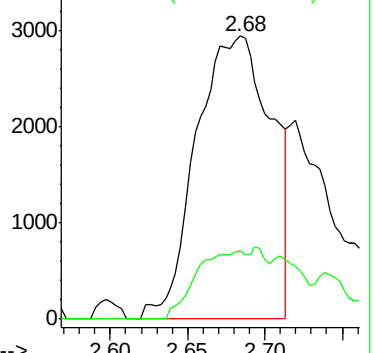
43 100

58 15.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040110.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040110.D (-395) (-)



#15

Methyl Acetate

Concen: 0.290 ug/L

RT: 2.96 min Scan# 505

Delta R.T. -0.01 min

Lab File: VU040123.D

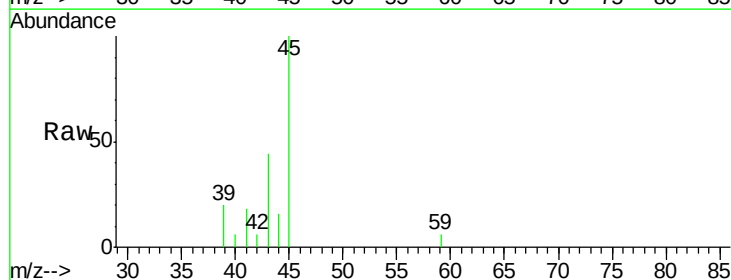
Acq: 14 Sep 2020 16:25

Tgt Ion: 43 Resp: 1565

Ion Ratio Lower Upper

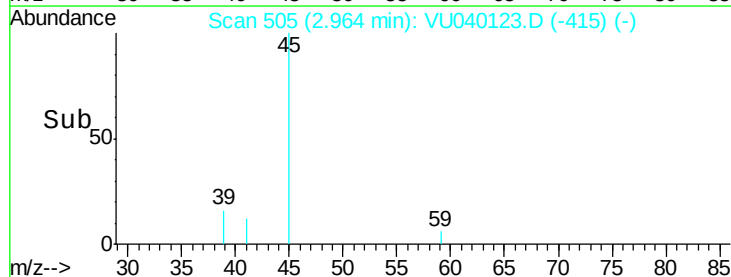
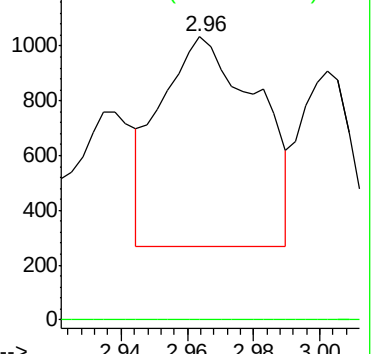
43 100

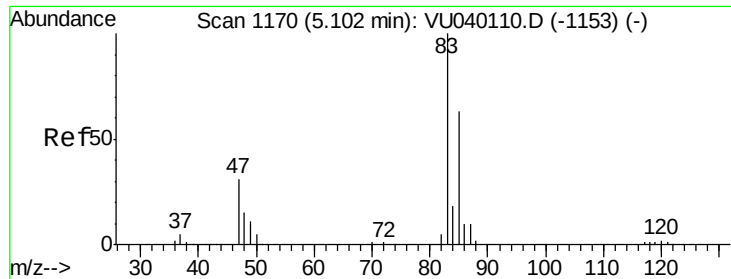
74 0.0 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU040110.D (-494) (-)

Ion 74.05 (73.75 to 74.75): VU040110.D (-494) (-)

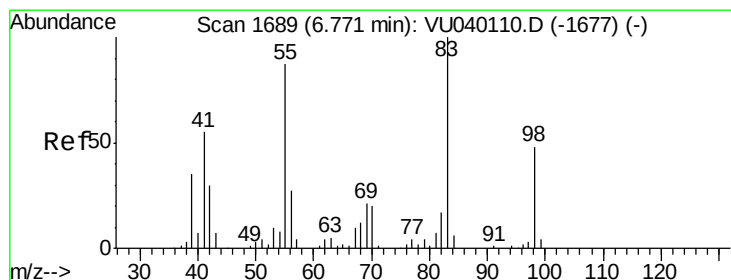
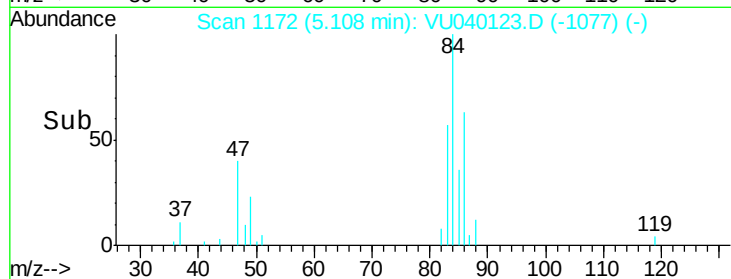
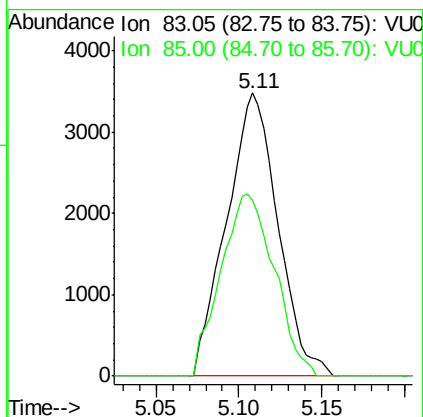
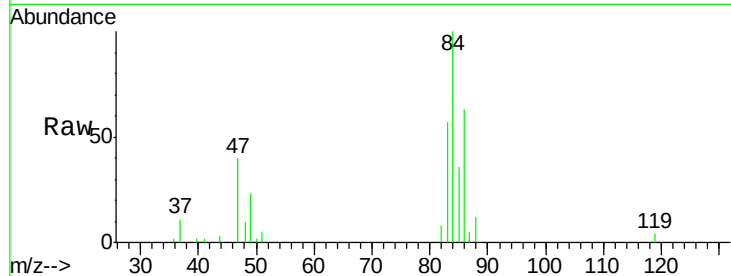




#25
Chloroform
Concen: 0.402 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU040123.D
Acq: 14 Sep 2020 16:25

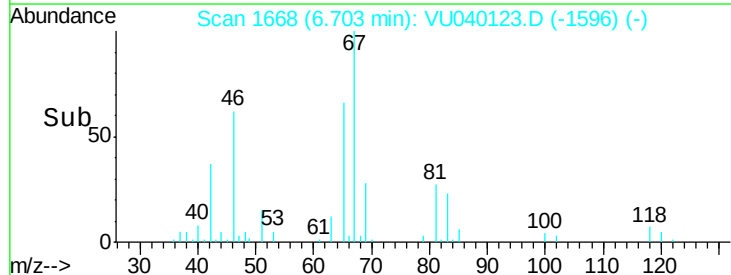
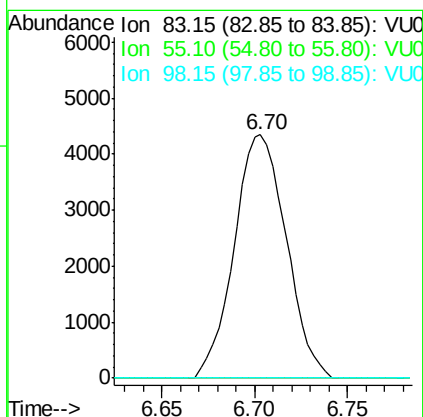
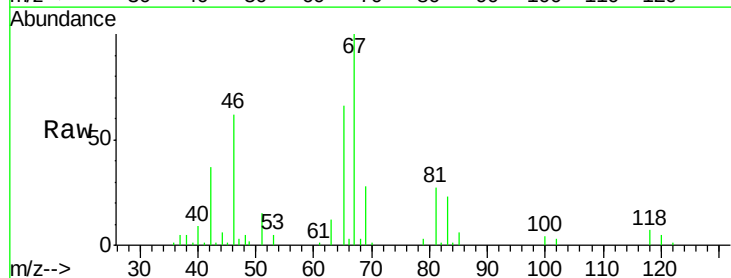
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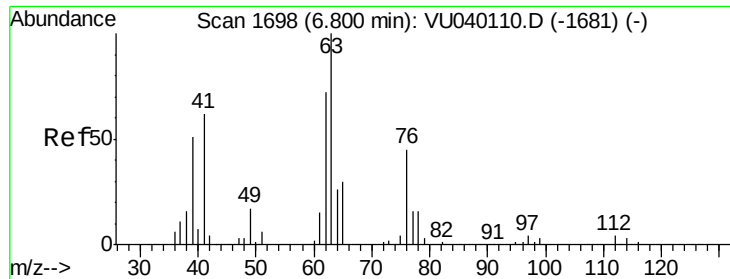
Tgt Ion: 83 Resp: 7495
Ion Ratio Lower Upper
83 100
85 62.2 45.3 84.1



#35
Methylcyclohexane
Concen: 0.546 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040123.D
Acq: 14 Sep 2020 16:25

Tgt Ion: 83 Resp: 8469
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.9 37.8 56.6#

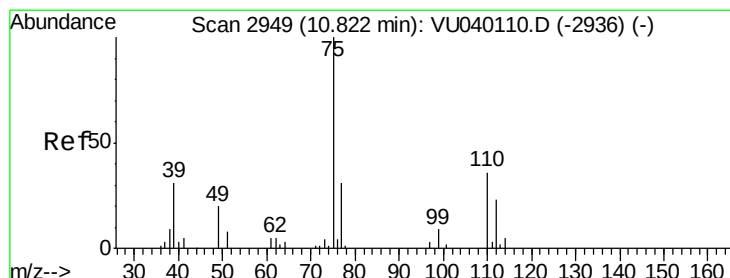
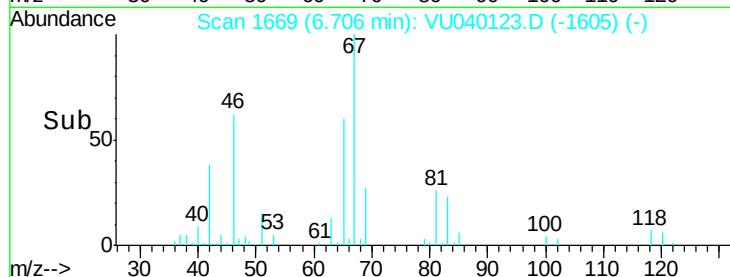
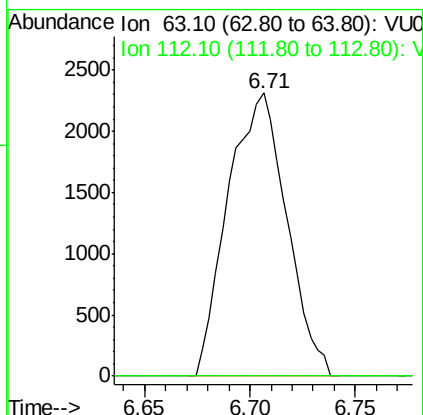
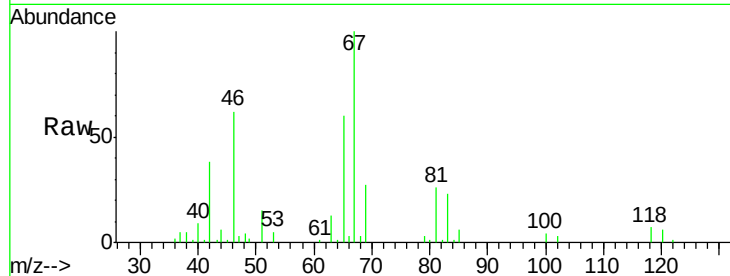




#37
 1,2-Dichloropropane
 Concen: 0.436 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040123.D
 Acq: 14 Sep 2020 16:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWT1

Tgt Ion: 63 Resp: 4464
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.978 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040123.D
 Acq: 14 Sep 2020 16:25

Tgt Ion: 75 Resp: 7411
 Ion Ratio Lower Upper
 75 100
 77 38.3 24.9 37.3#

