

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112020\
 Data File : VU041368.D
 Acq On : 20 Nov 2020 15:36
 Operator : SY/MD
 Sample : L4849-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4408

Quant Time: Nov 21 03:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 21 02:42:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56000	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58501	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22364	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15863	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.92	69	16522	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.57	63	28662	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.64	46	73650	43.36	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.72%
24) Chloroform-d	5.08	84	45330	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	29824	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	81701	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	29329	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.91	98	66216	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.19	79	11299	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	49817	39.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24506	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	26511	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

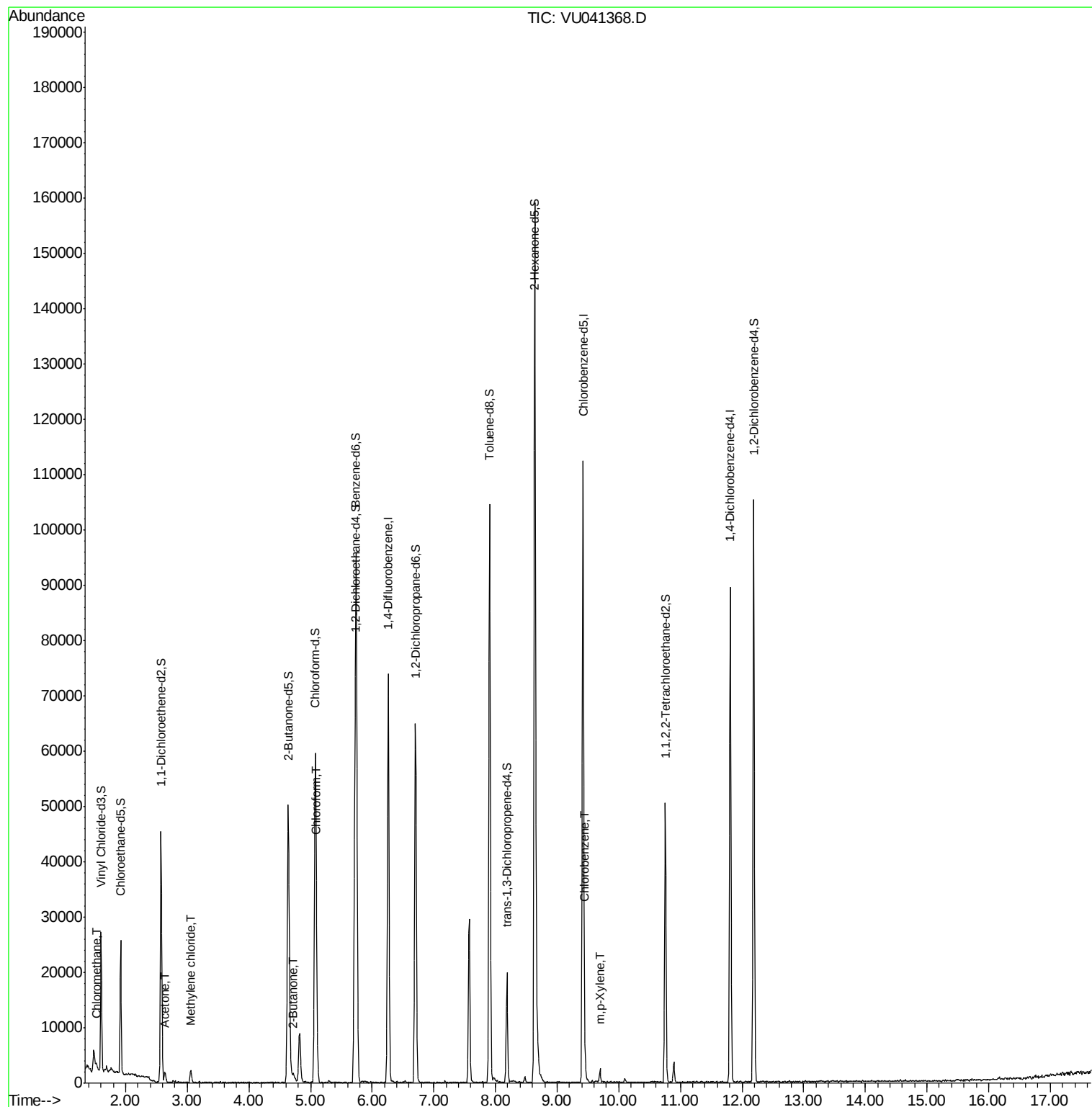
					Ovalue
3) Chloromethane	1.53	50	572	0.115 ug/L	90
13) Acetone	2.64	43	2036	1.807 ug/L #	51
16) Methylene chloride	3.06	84	968	0.212 ug/L	89
21) 2-Butanone	4.72	43	1712	1.001 ug/L	76
25) Chloroform	5.11	83	3657	0.425 ug/L	85
51) Chlorobenzene	9.45	112	2266	0.202 ug/L	93
53) m,p-Xylene	9.70	106	660	0.101 ug/L	83

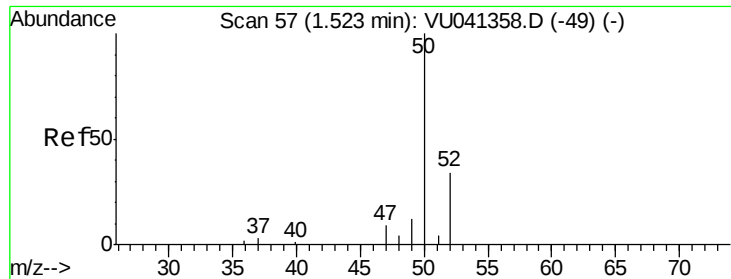
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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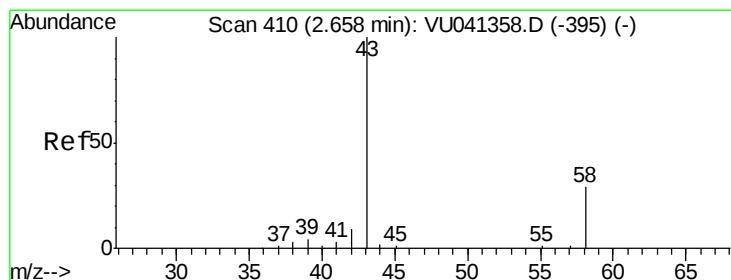
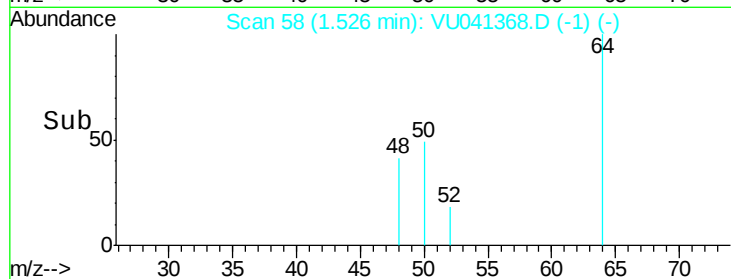
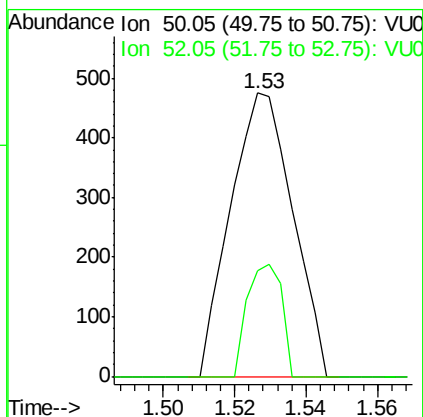
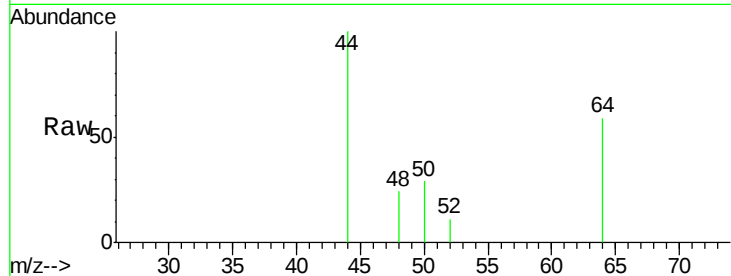




#3
 Chloromethane
 Concen: 0.115 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU041368.D
 Acq: 20 Nov 2020 15:36

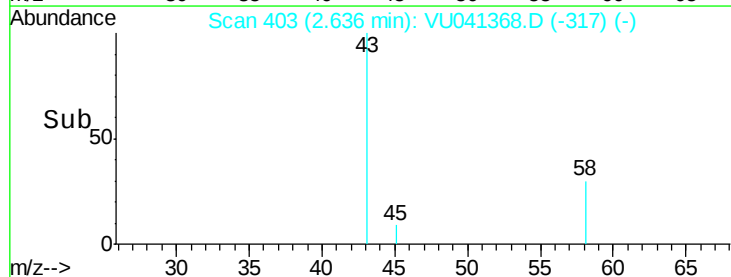
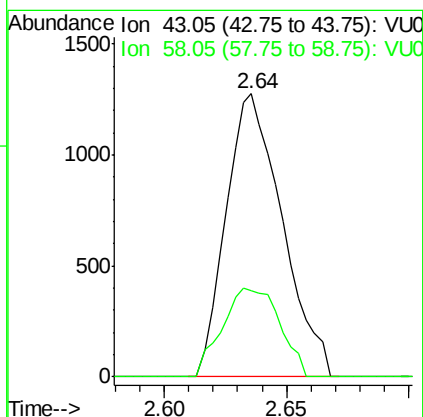
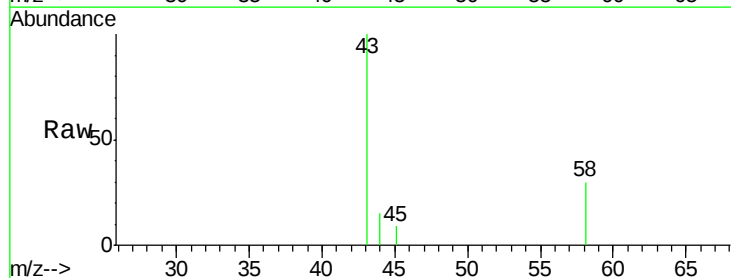
Instrument :
 MSVOA_U
 ClientSampleId :
 H4408

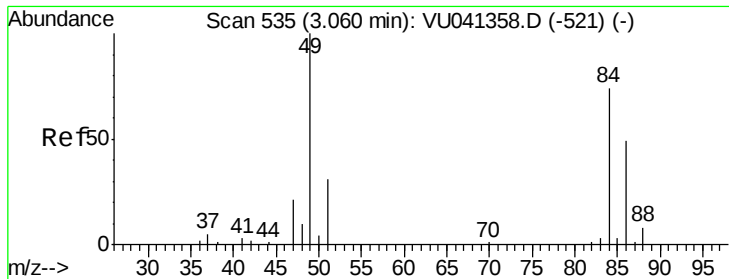
Tot Ion: 50 Resp: 572
 Ion Ratio Lower Upper
 50 100
 52 37.5 22.4 41.6



#13
 Acetone
 Concen: 1.807 ug/L
 RT: 2.64 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: VU041368.D
 Acq: 20 Nov 2020 15:36

Tgt Ion: 43 Resp: 2036
 Ion Ratio Lower Upper
 43 100
 58 32.1 0.0 25.4#

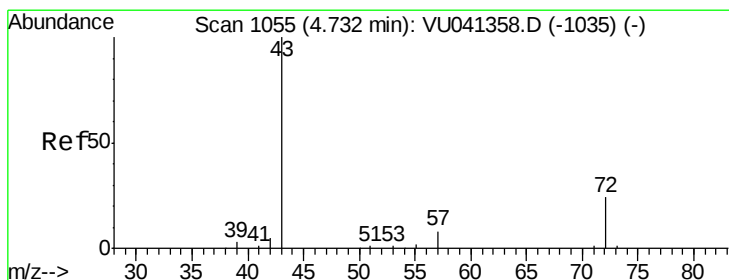
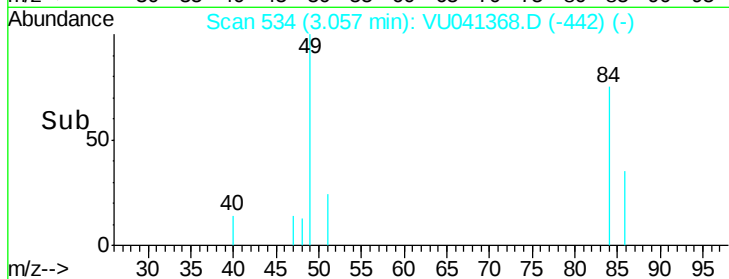
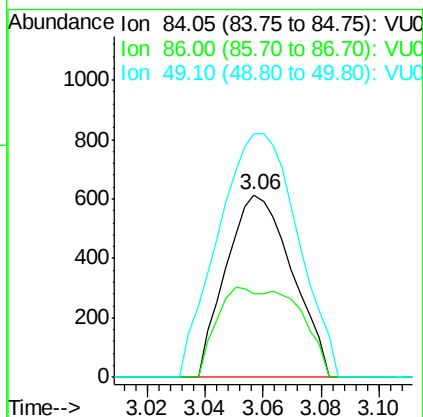
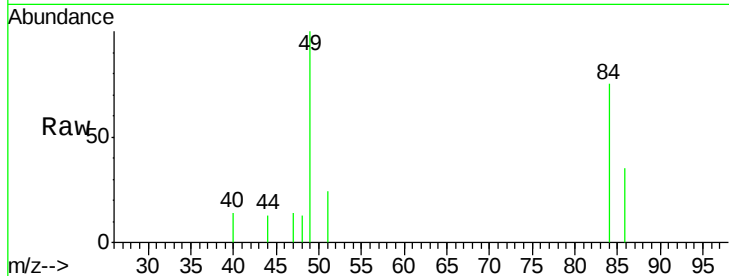




#16
Methvlene chloride
Concen: 0.212 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041368.D
Acq: 20 Nov 2020 15:36

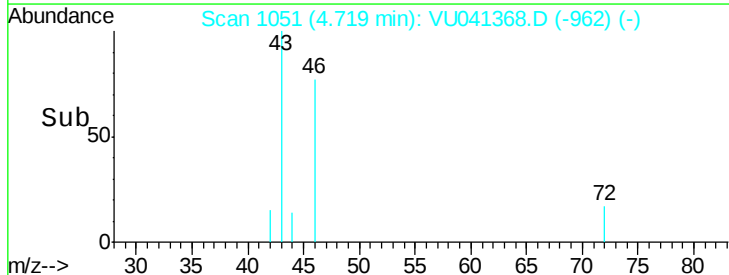
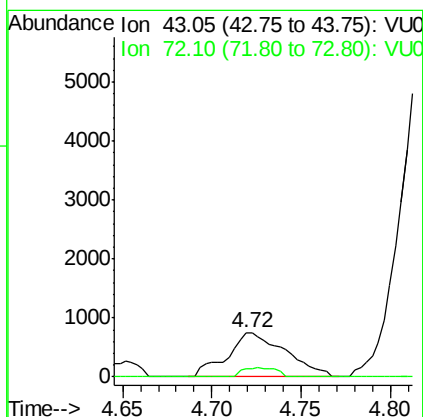
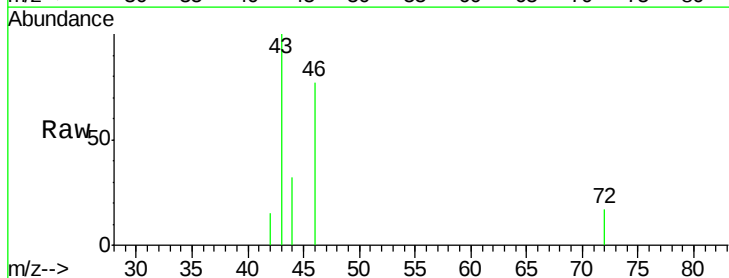
Instrument :
MSVOA_U
ClientSampleId :
H4408

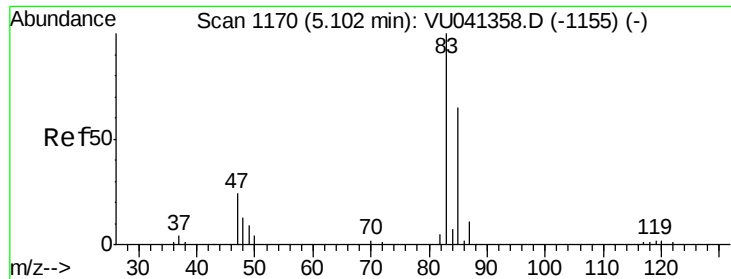
Tot Ion: 84 Resp: 968
Ion Ratio Lower Upper
84 100
86 46.2 42.8 79.6
49 133.6 99.5 184.7



#21
2-Butanone
Concen: 1.001 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VU041368.D
Acq: 20 Nov 2020 15:36

Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
72 11.9 11.8 35.4

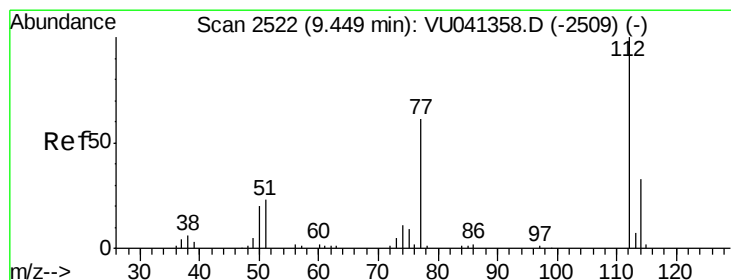
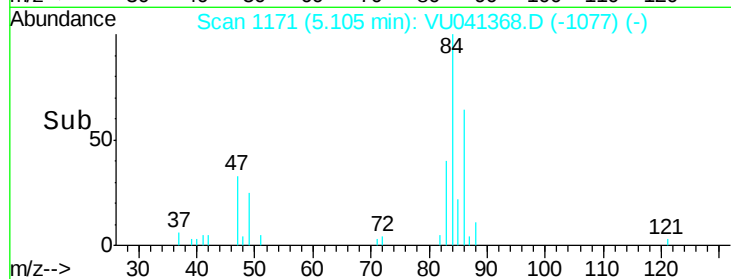
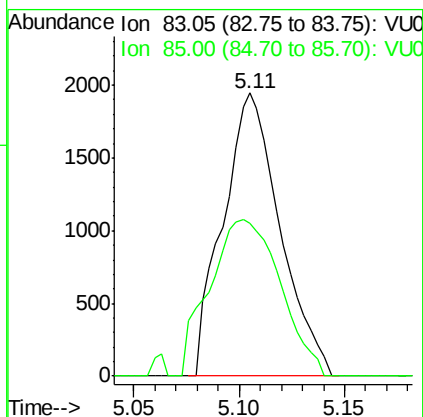
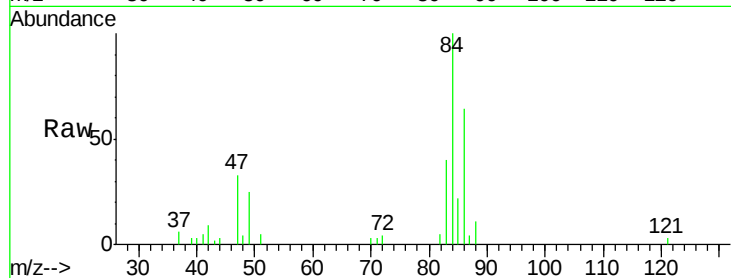




#25
Chloroform
Concen: 0.425 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041368.D
Acq: 20 Nov 2020 15:36

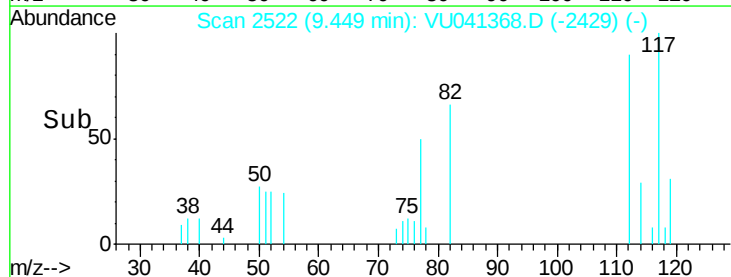
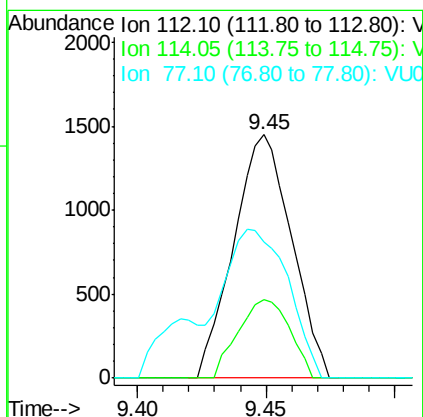
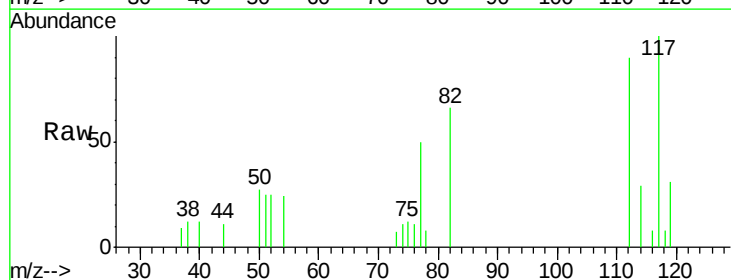
Instrument :
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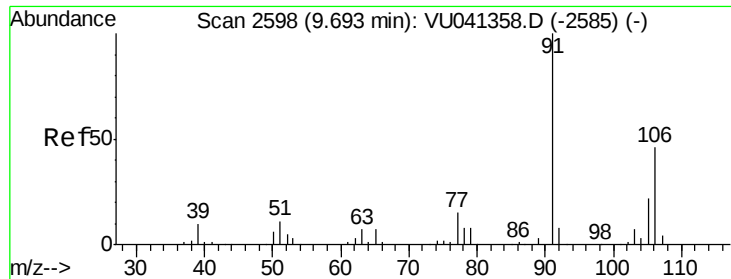
Tot Ion: 83 Resp: 3657
Ion Ratio Lower Upper
83 100
85 54.1 46.1 85.7



#51
Chlorobenzene
Concen: 0.202 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU041368.D
Acq: 20 Nov 2020 15:36

Tgt Ion: 112 Resp: 2266
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 56.1 51.2 76.8





#53

m,p-Xylene

Concen: 0.101 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041368.D

Acq: 20 Nov 2020 15:36

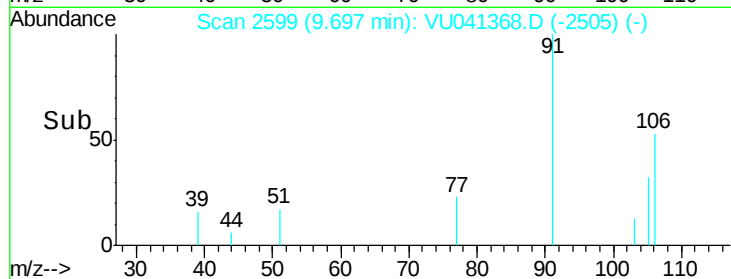
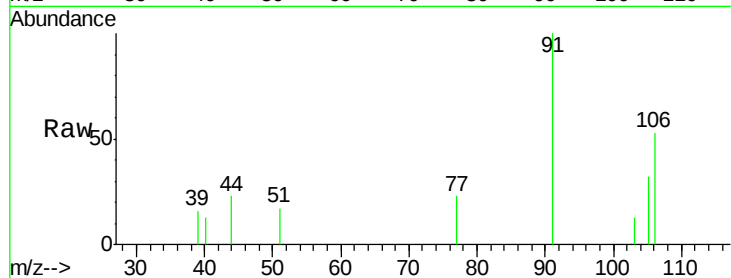
Instrument :
MSVOA_U
ClientSampleId :
H4408

Tot Ion:106 Resp: 660

Ion Ratio Lower Upper

106 100

91 188.5 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

