

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090420\
 Data File : VU040039.D
 Acq On : 04 Sep 2020 10:53
 Operator : SY/MD
 Sample : VU0904WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 05 02:58:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 05 02:51:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28645	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	26209	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	53543	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.65	46	141725	58.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.76%
24) Chloroform-d	5.08	84	73097	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	46736	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.75	84	139074	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.70	67	46660	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.91	98	118914	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.19	79	19148	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.64	63	103967	56.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41125	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45558	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

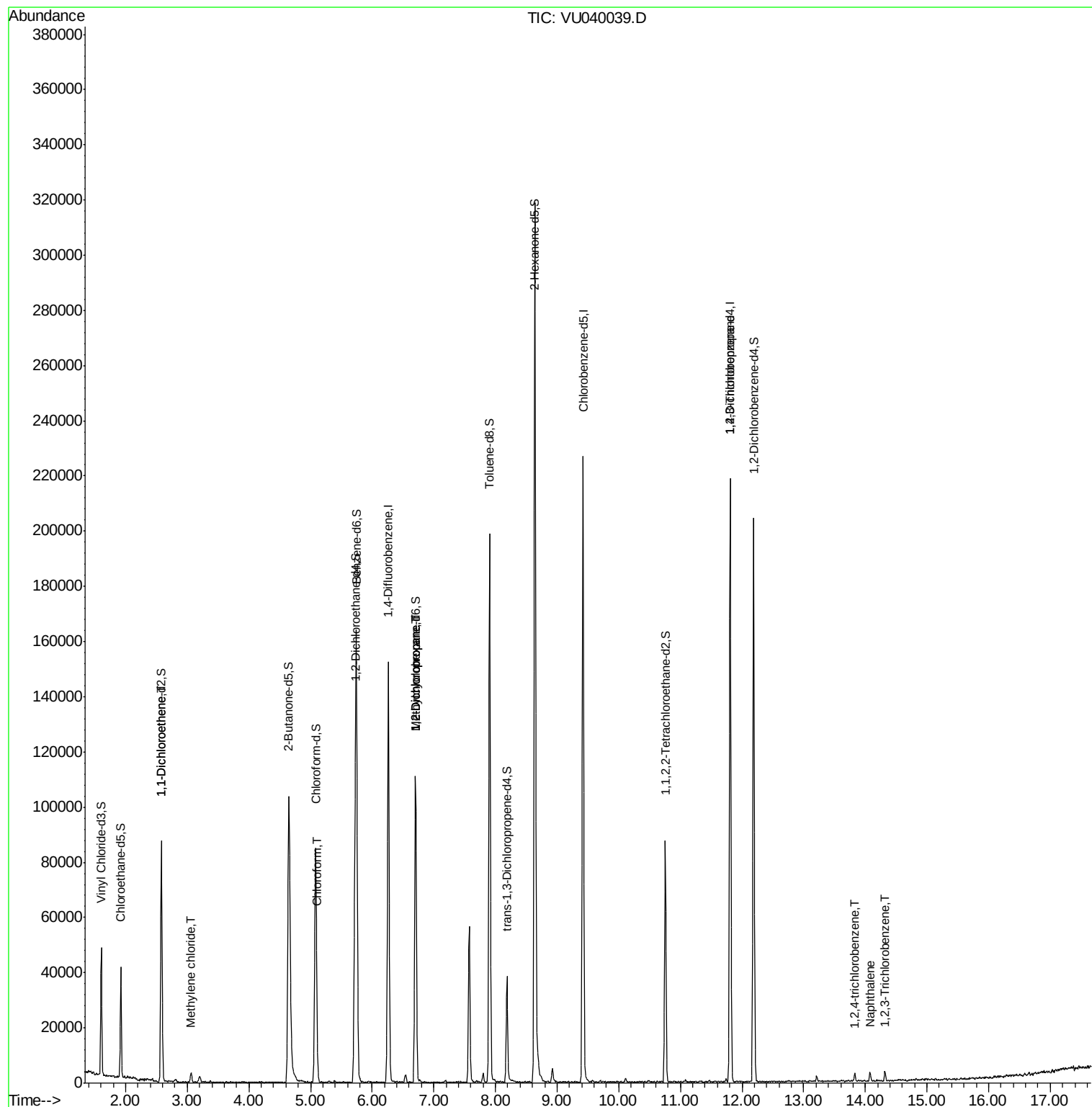
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.58	96	550	0.064	ug/L #	1
16) Methylene chloride	3.06	84	1472	0.132	ug/L	77
25) Chloroform	5.11	83	3109	0.161	ug/L	91
35) Methylcyclohexane	6.70	83	10861	0.675	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5855	0.552	ug/L #	88
59) 1,2,3-Trichloropropane	11.81	75	7629	0.971	ug/L #	85
68) 1,2,4-trichlorobenzene	13.83	180	1028	0.093	ug/L	89
69) Naphthalene	14.08	128	3490	0.151	ug/L #	87
70) 1,2,3-Trichlorobenzene	14.32	180	1176	0.115	ug/L	92

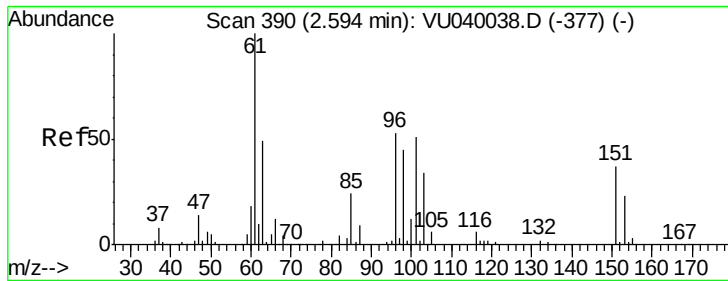
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 05 02:58:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 05 02:51:46 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040039.D

Acq: 04 Sep 2020 10:53

Instrument :

MSVOA_U

ClientSampled :

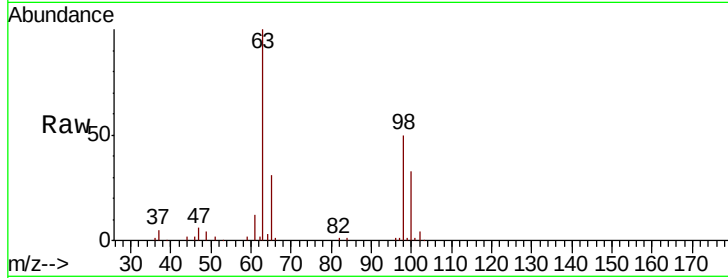
Tot Ion: 96 Resp: 550

Ion Ratio Lower Upper

96 100

61 1052.6 138.3 256.8#

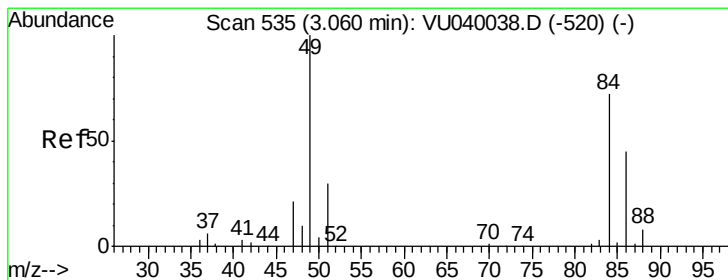
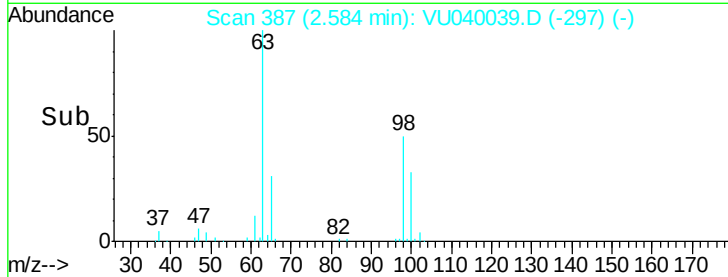
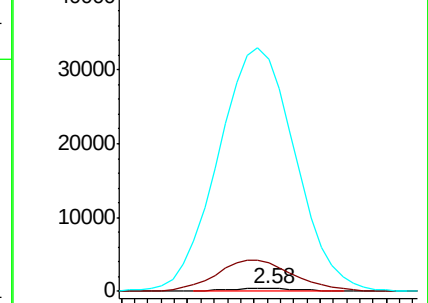
63 8476.5 77.6 144.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.132 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040039.D

Acq: 04 Sep 2020 10:53

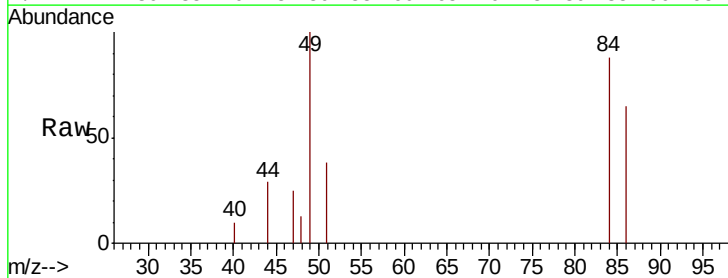
Tgt Ion: 84 Resp: 1472

Ion Ratio Lower Upper

84 100

86 73.9 45.2 84.0

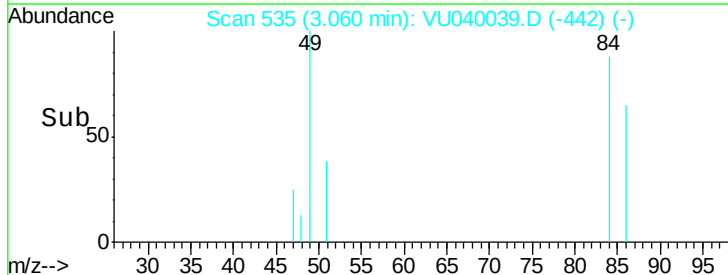
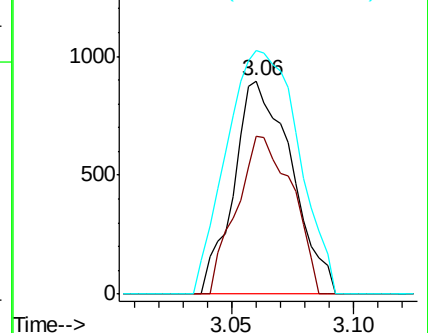
49 114.0 104.0 193.2

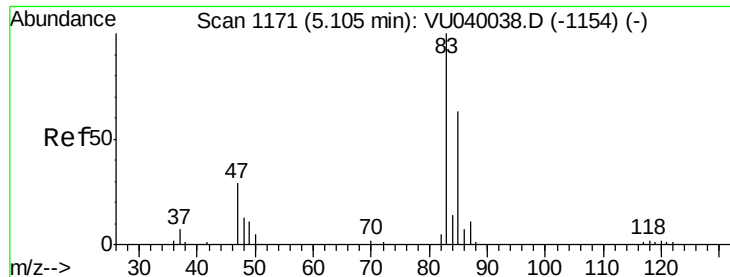


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

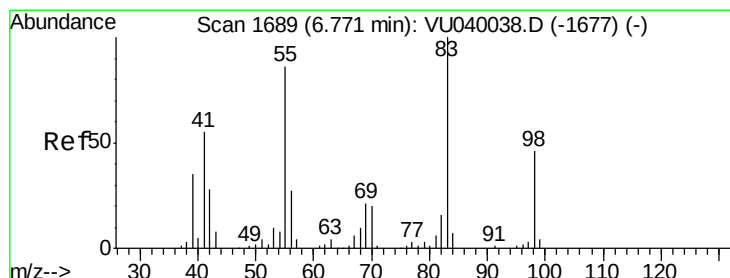
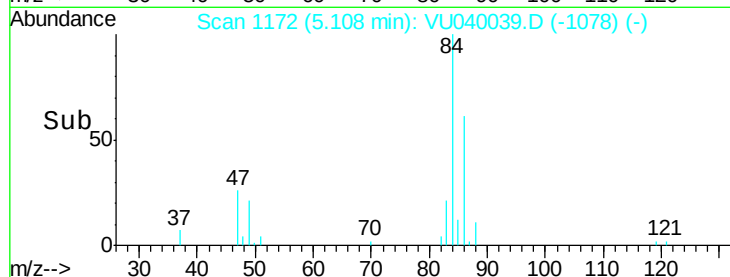
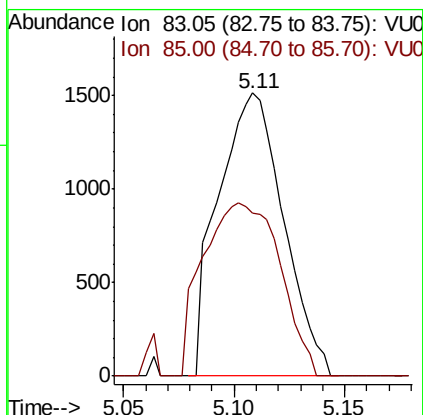
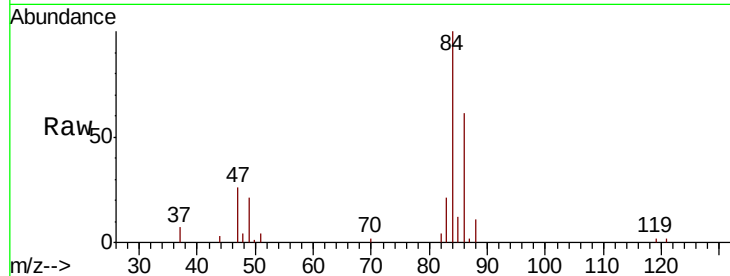




#25
Chloroform
Concen: 0.161 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040039.D
Acq: 04 Sep 2020 10:53

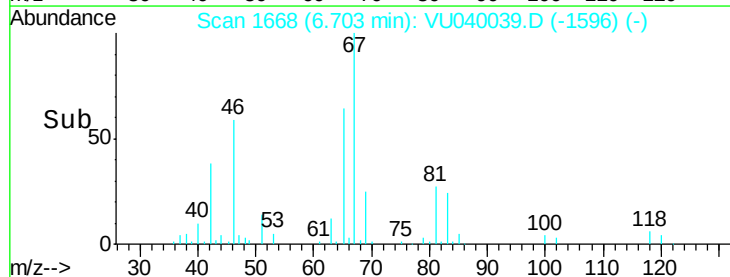
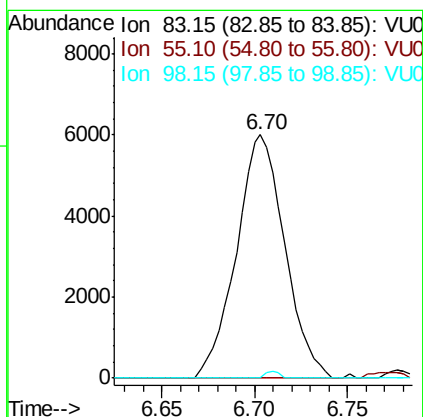
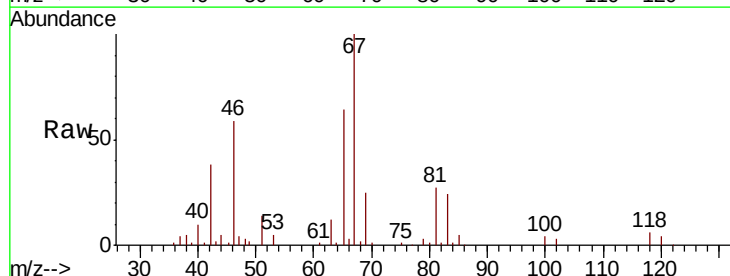
Instrument :
MSVOA_U
ClientSampleId :

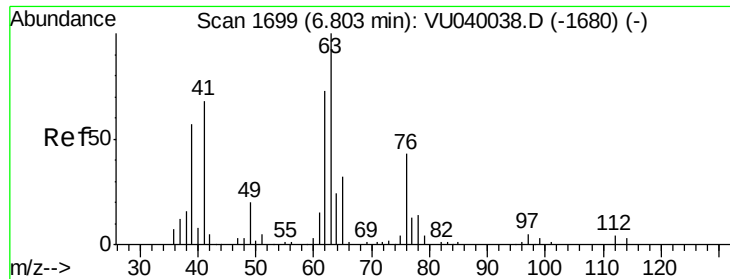
Tot Ion: 83 Resp: 3109
Ion Ratio Lower Upper
83 100
85 57.6 45.3 84.1



#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040039.D
Acq: 04 Sep 2020 10:53

Tgt Ion: 83 Resp: 10861
Ion Ratio Lower Upper
83 100
55 1.5 70.5 105.7#
98 0.8 37.8 56.6#

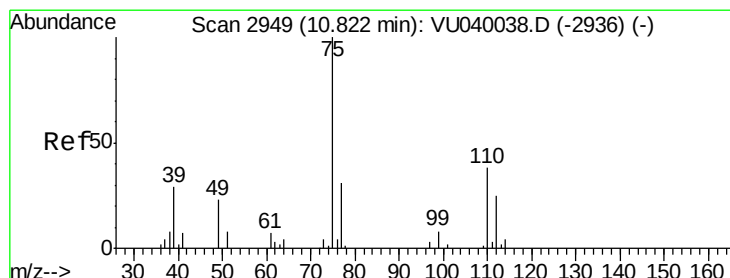
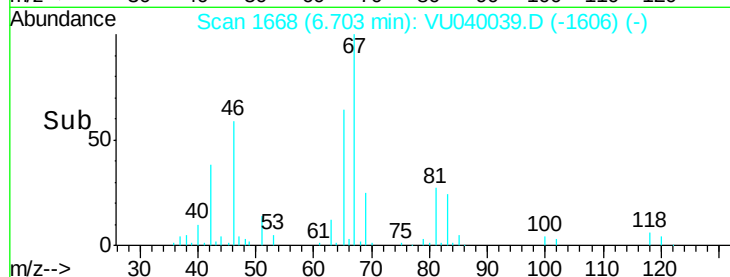
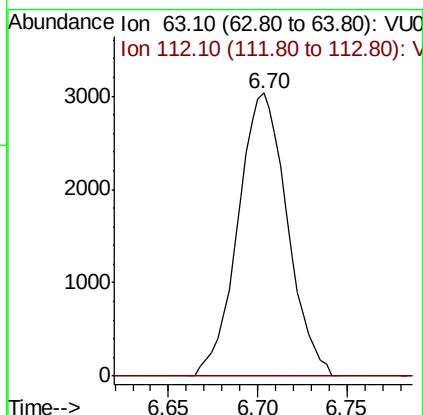
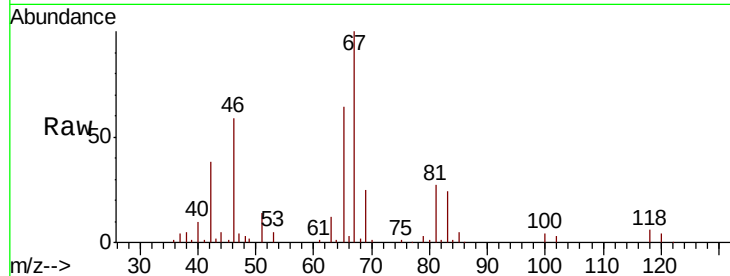




#37
 1,2-Dichloropropane
 Concen: 0.552 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040039.D
 Acq: 04 Sep 2020 10:53

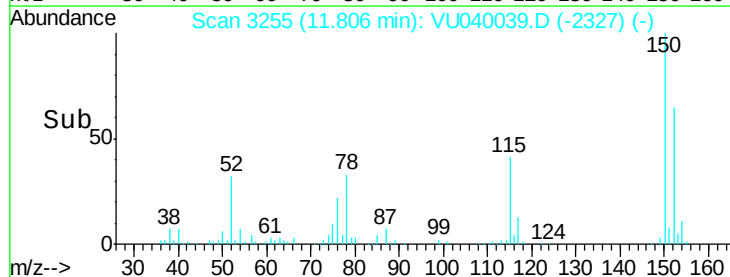
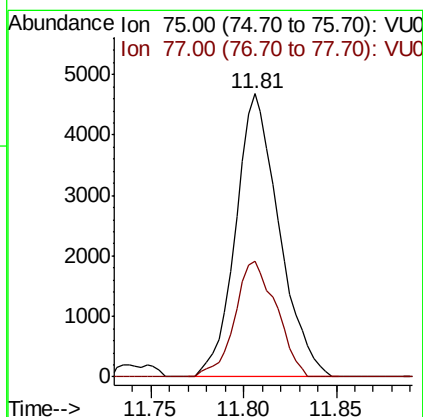
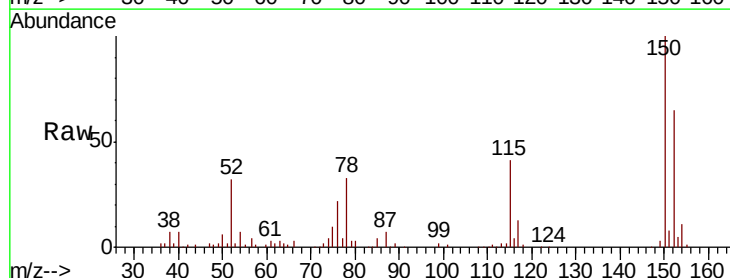
Instrument :
 MSVOA_U
 ClientSampled :

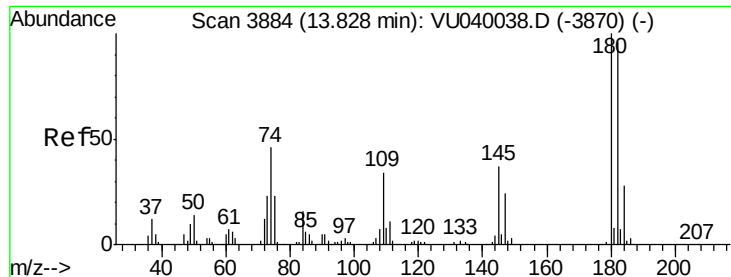
Tot Ion: 63 Resp: 5855
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.971 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040039.D
 Acq: 04 Sep 2020 10:53

Tgt Ion: 75 Resp: 7629
 Ion Ratio Lower Upper
 75 100
 77 39.2 24.9 37.3#

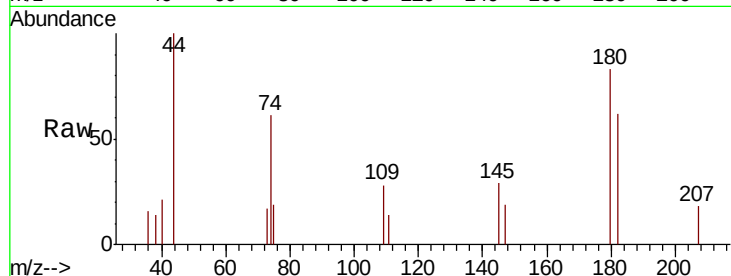




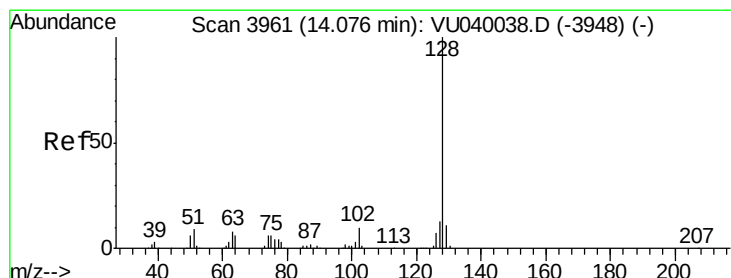
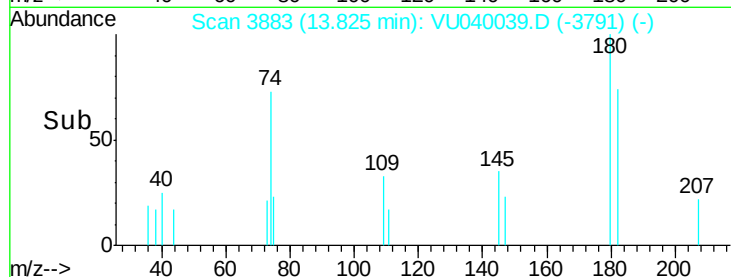
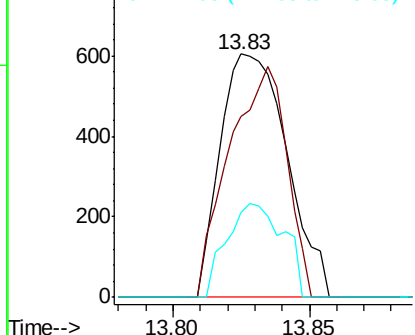
#68
1,2,4-trichlorobenzene
Concen: 0.093 ug/L
RT: 13.83 min Scan# 3883
Delta R.T. -0.00 min
Lab File: VU040039.D
Acq: 04 Sep 2020 10:53

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:180 Resp: 1028
Ion Ratio Lower Upper
180 100
182 81.9 76.0 114.0
145 32.8 28.4 42.6

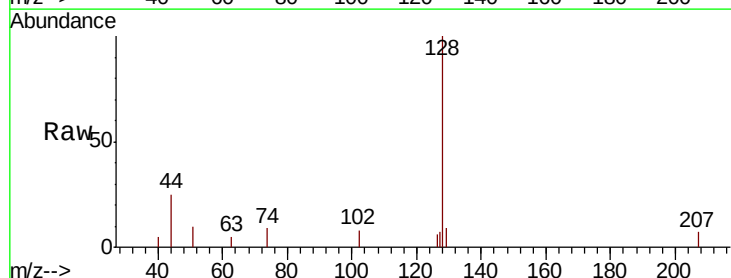


Abundance Ion 179.90 (179.60 to 180.60): V
Ion 182.00 (181.70 to 182.70): V
Ion 144.95 (144.65 to 145.65): V

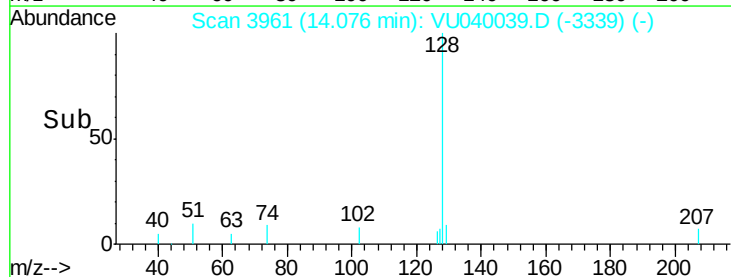
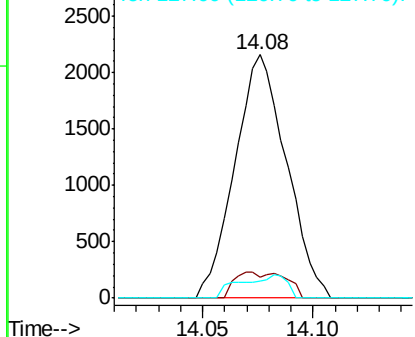


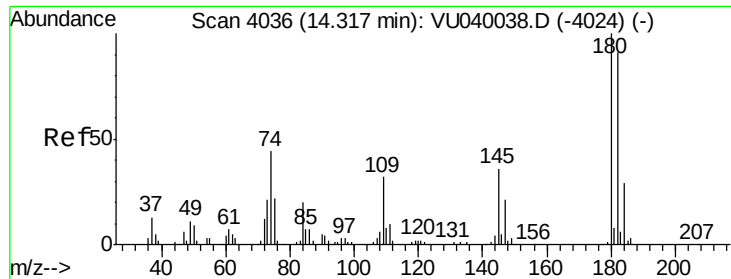
#69
Naphthalene
Concen: 0.151 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040039.D
Acq: 04 Sep 2020 10:53

Tgt Ion:128 Resp: 3490
Ion Ratio Lower Upper
128 100
129 5.6 8.7 13.1#
127 8.5 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

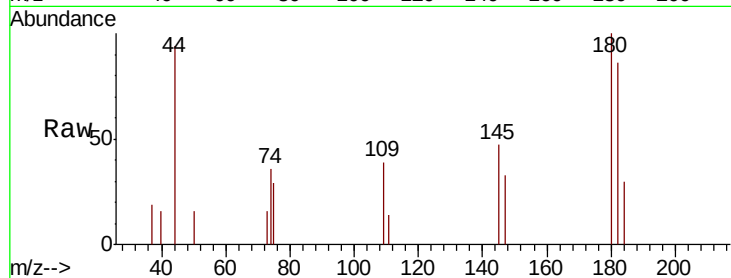




#70
 1,2,3-Trichlorobenzene
 Concen: 0.115 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. 0.00 min
 Lab File: VU040039.D
 Acq: 04 Sep 2020 10:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.6	77.8	116.6
145	30.2	28.7	43.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

