

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040129.D
 Acq On : 14 Sep 2020 19:31
 Operator : SY/MD
 Sample : L4001-05MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYP2MS

Quant Time: Sep 15 03:38:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	106823	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31177	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.92	69	26121	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.58	63	74655	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.66	46	116529	49.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.90%
24) Chloroform-d	5.08	84	62290	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	37666	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.74	84	119593	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.70	67	38700	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	94562	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	16551	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	85408	46.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34593	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38500	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

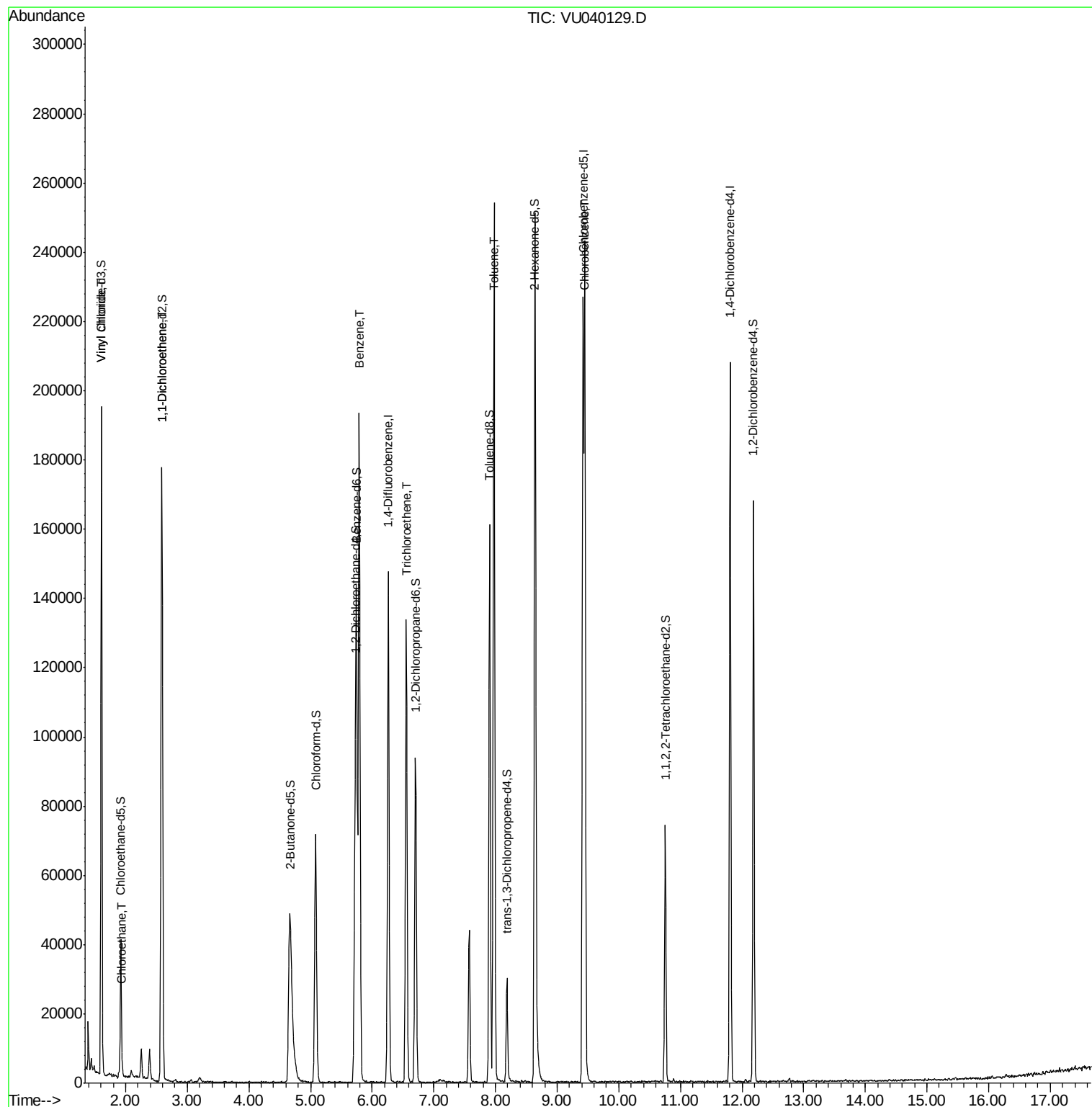
					Ovalue
5) Vinyl chloride	1.61	62	101743	9.888 ug/L	97
8) Chloroethane	1.94	64	1217	0.197 ug/L	98
12) 1,1-Dichloroethene	2.59	96	41043	4.965 ug/L	90
33) Benzene	5.79	78	168299	4.309 ug/L	100
34) Trichloroethene	6.55	95	43881	4.188 ug/L	96
42) Toluene	7.98	91	171860	4.272 ug/L	99
51) Chlorobenzene	9.45	112	111456	4.463 ug/L	99

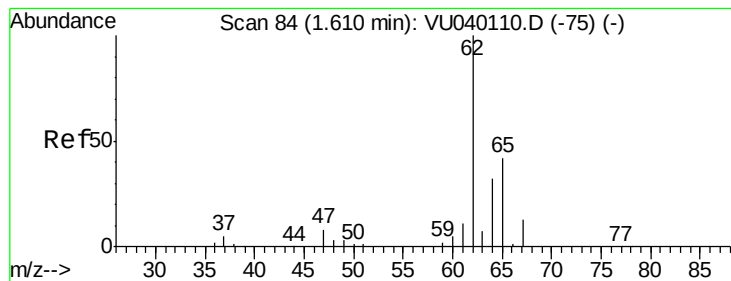
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091420\
Data File : VU040129.D
Acq On : 14 Sep 2020 19:31
Operator : SY/MD
Sample : L4001-05MS
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETYP2MS

Quant Time: Sep 15 03:38:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.888 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040129.D

Acq: 14 Sep 2020 19:31

Instrument :

MSVOA_U

ClientSampleId :

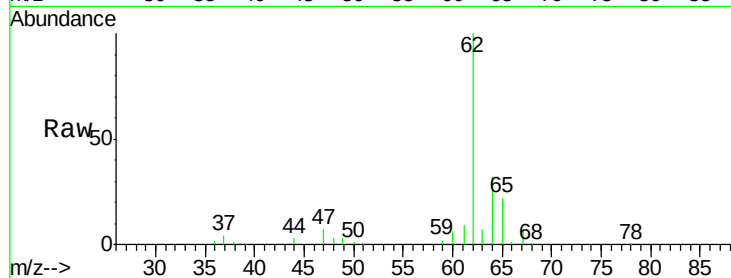
ETYP2MS

Tot Ion: 62 Resp: 101743

Ion Ratio Lower Upper

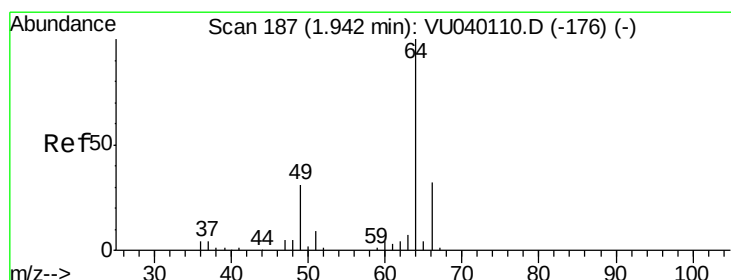
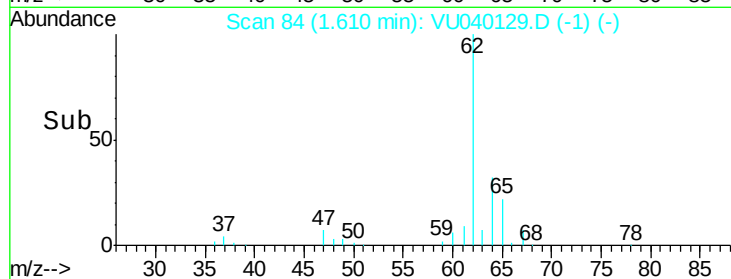
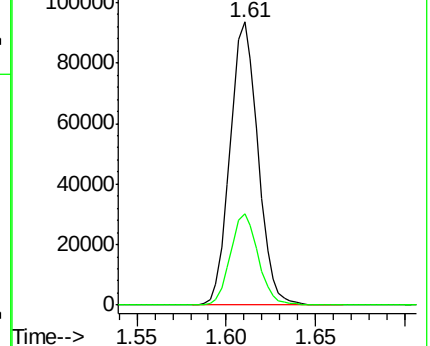
62 100

64 32.3 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 0.197 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040129.D

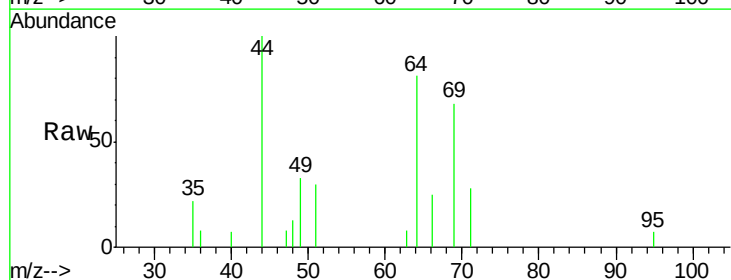
Acq: 14 Sep 2020 19:31

Tgt Ion: 64 Resp: 1217

Ion Ratio Lower Upper

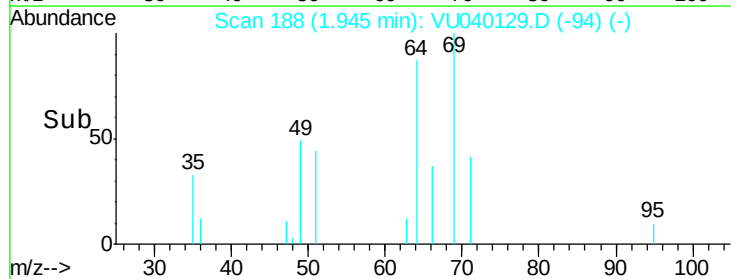
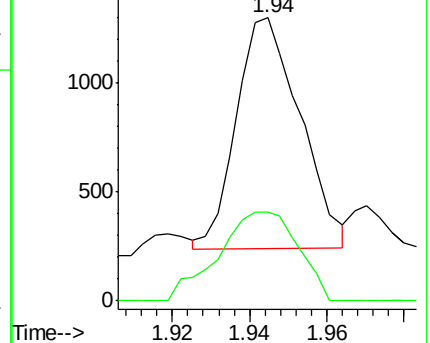
64 100

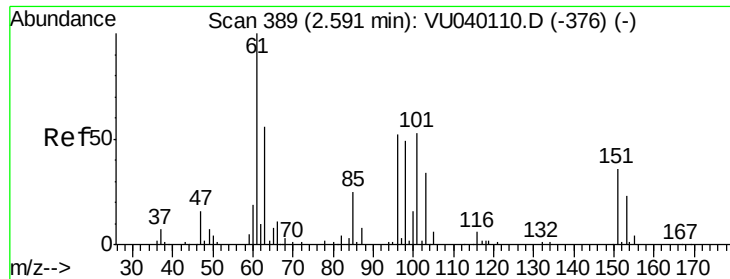
66 31.5 22.7 42.1



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#12

1,1-Dichloroethene

Concen: 4.965 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040129.D

Acq: 14 Sep 2020 19:31

Instrument :

MSVOA_U

ClientSampleId :

ETYP2MS

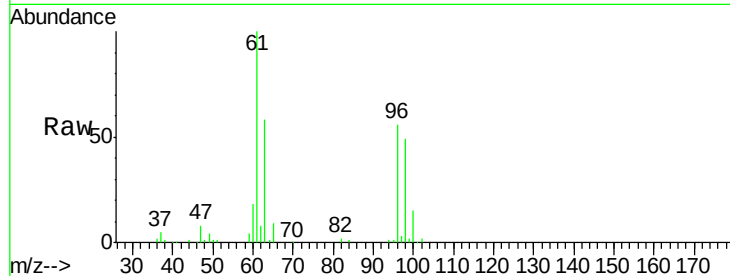
Tot Ion: 96 Resp: 41043

Ion Ratio Lower Upper

96 100

61 179.1 138.3 256.8

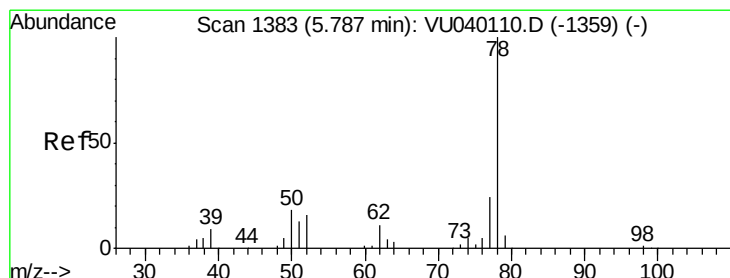
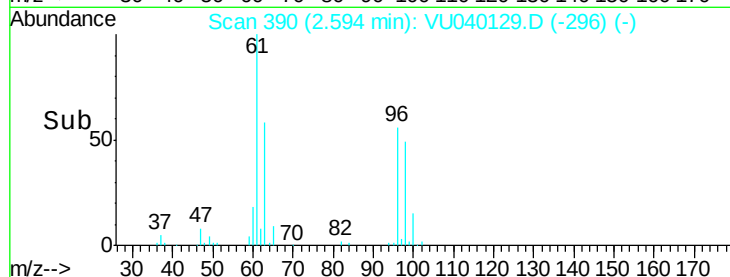
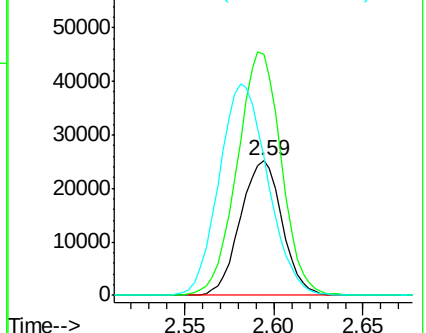
63 103.1 77.6 144.2



Abundance Ion 96.00 (95.70 to 96.70): VU040110.D (-376) (-)

Ion 61.05 (60.75 to 61.75): VU040110.D (-376) (-)

Ion 63.00 (62.70 to 63.70): VU040110.D (-376) (-)



#33

Benzene

Concen: 4.309 ug/L

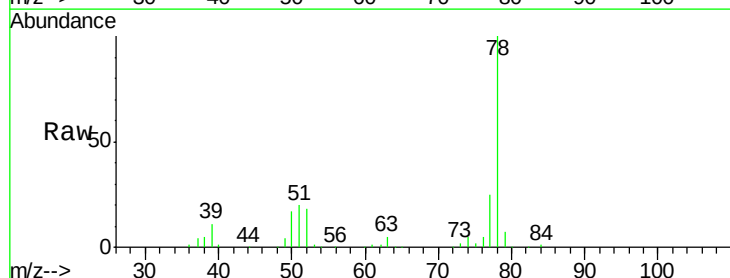
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

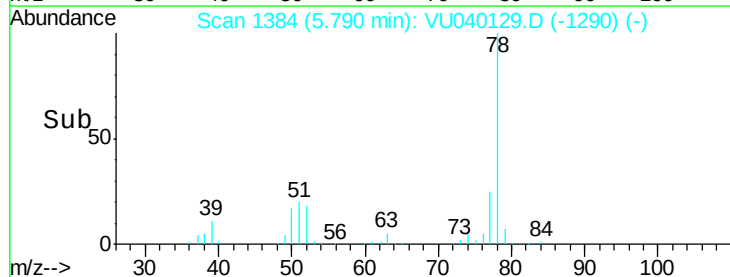
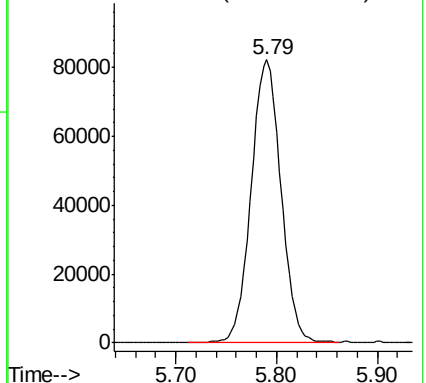
Lab File: VU040129.D

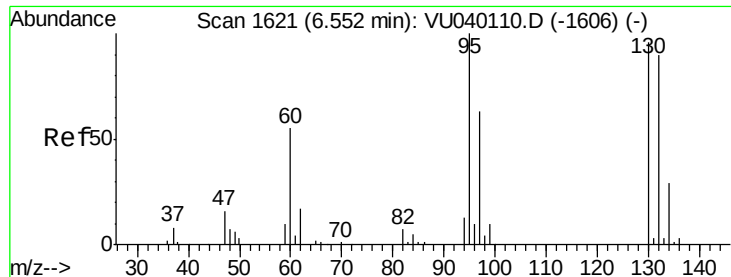
Acq: 14 Sep 2020 19:31

Tgt Ion: 78 Resp: 168299



Abundance Ion 78.10 (77.80 to 78.80): VU040110.D (-1359) (-)

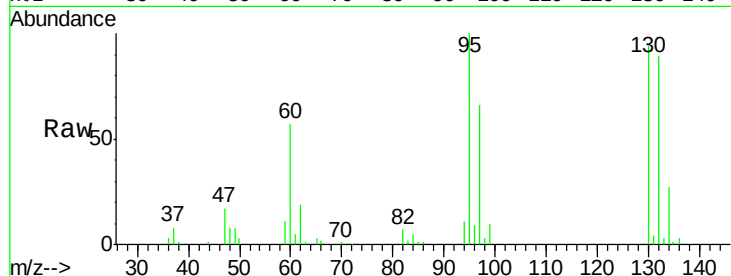




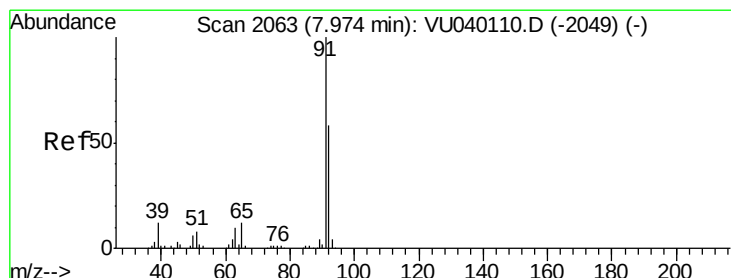
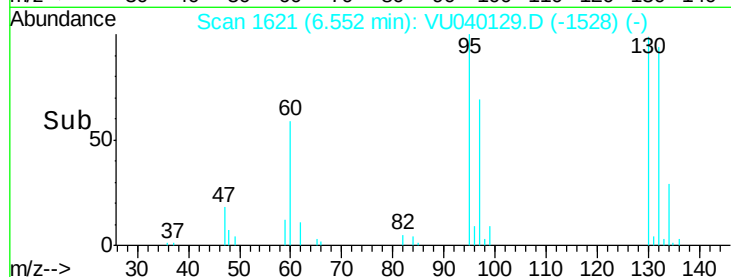
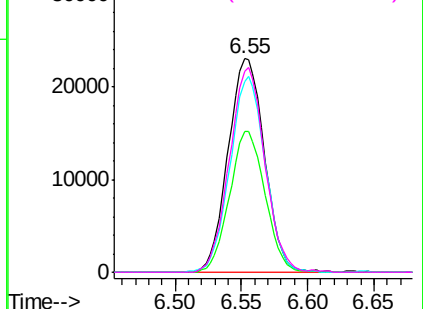
#34
 Trichloroethene
 Concen: 4.188 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040129.D
 Acq: 14 Sep 2020 19:31

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYP2MS

Tot Ion: 95 Resp: 43881
 Ion Ratio Lower Upper
 95 100
 97 65.7 43.3 80.5
 132 89.3 59.4 110.4
 130 94.2 64.8 120.4

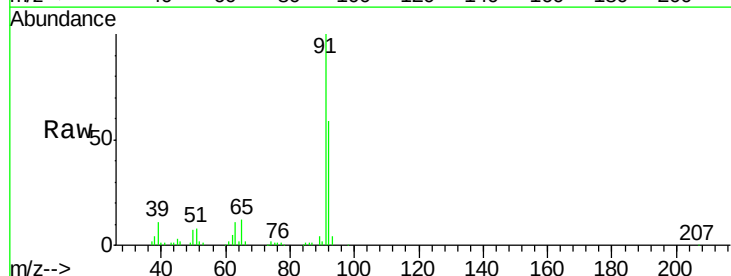


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

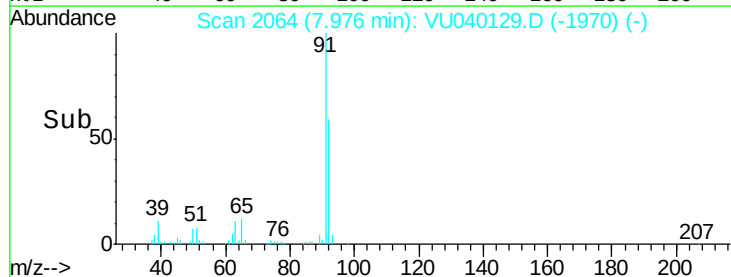
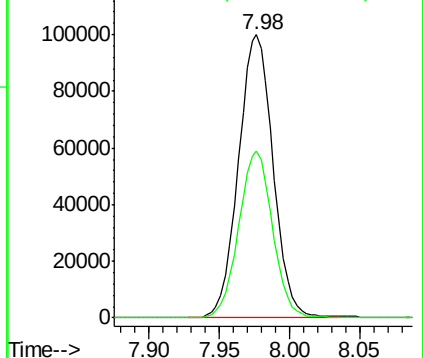


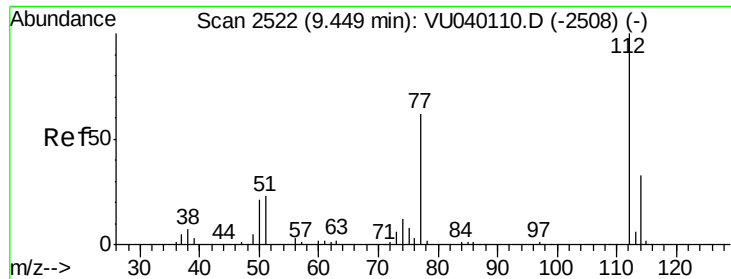
#42
 Toluene
 Concen: 4.272 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040129.D
 Acq: 14 Sep 2020 19:31

Tgt Ion: 91 Resp: 171860
 Ion Ratio Lower Upper
 91 100
 92 58.8 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#51
 Chlorobenzene
 Concen: 4.463 ug/L
 RT: 9.45 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: VU040129.D
 Acq: 14 Sep 2020 19:31

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYP2MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.7	42.3
77	67.1	53.2	79.8

