

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U090320\
 Data File : VU040032.D
 Acq On : 03 Sep 2020 14:45
 Operator : SY/MD
 Sample : L3891-04MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW289MS

Quant Time: Sep 04 03:03:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 04 02:55:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51262	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28896	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.92	69	26607	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	63	75516	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.64	46	131404	51.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.96%
24) Chloroform-d	5.08	84	69727	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	45202	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.74	84	131716	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	44812	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.91	98	109240	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.19	79	18836	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	99144	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38476	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	43864	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

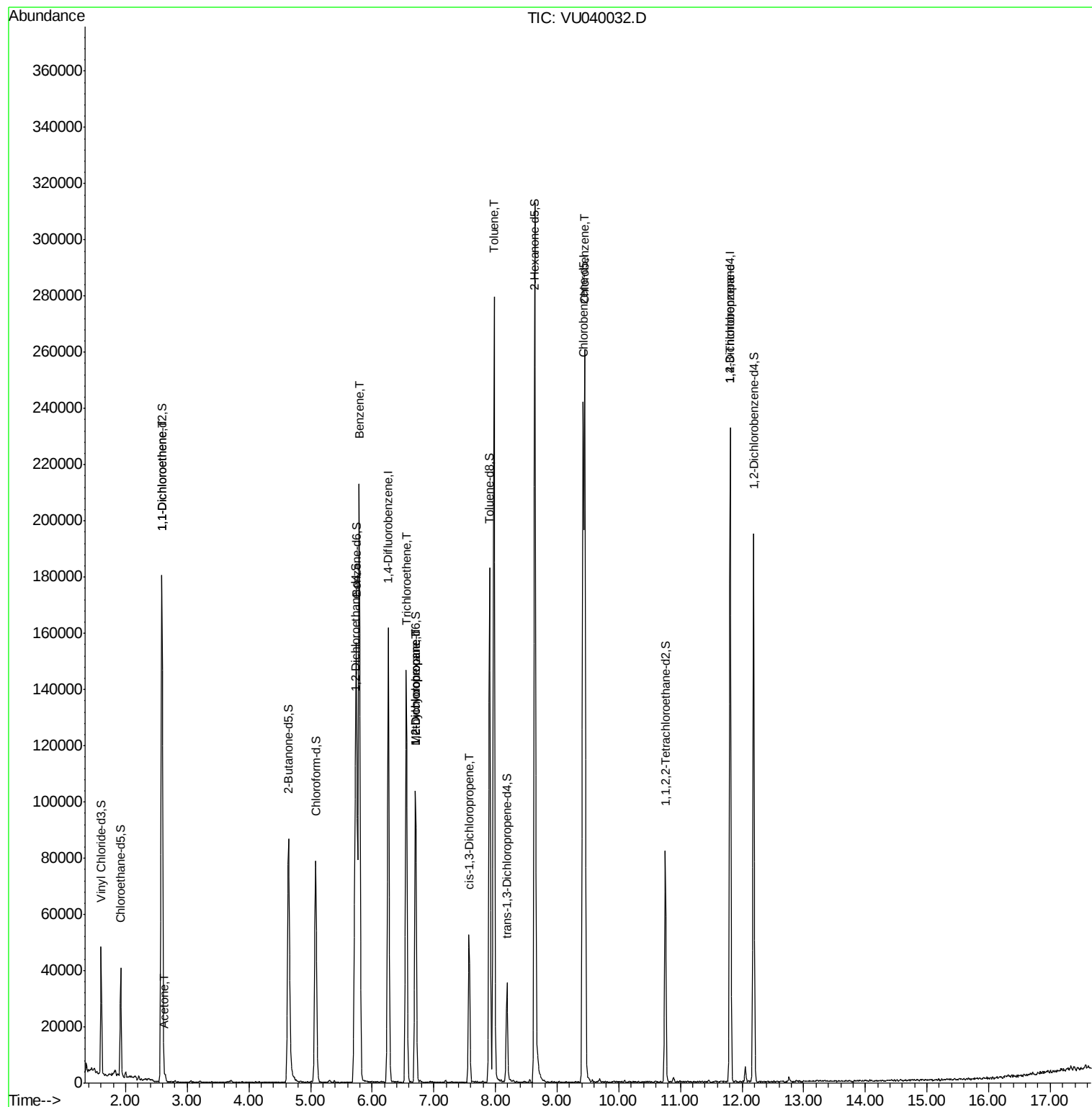
					Ovalue
12) 1,1-Dichloroethene	2.59	96	41164	4.551 ug/L	94
13) Acetone	2.64	43	3230	1.367 ug/L	88
33) Benzene	5.79	78	185204	4.598 ug/L	100
34) Trichloroethene	6.55	95	46963	4.347 ug/L	97
35) Methylcyclohexane	6.70	83	10264	0.620 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5180	0.475 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1337	0.083 ug/L #	65
42) Toluene	7.98	91	187896	4.530 ug/L	98
51) Chlorobenzene	9.45	112	118775	4.612 ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	7711	0.954 ug/L #	82

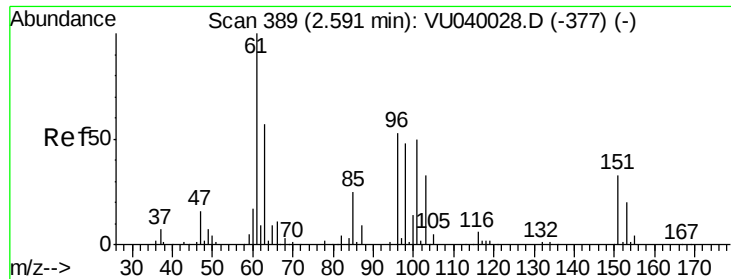
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.551 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040032.D

Acq: 03 Sep 2020 14:45

Instrument :

MSVOA_U

ClientSampled :

EW289MS

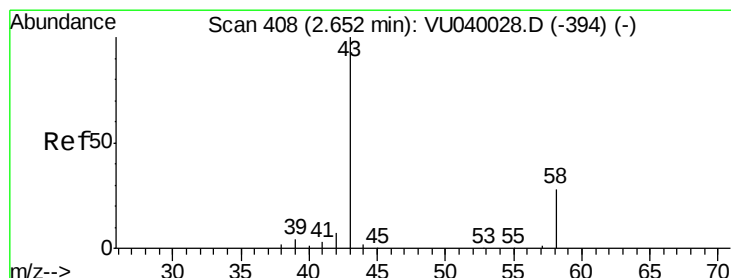
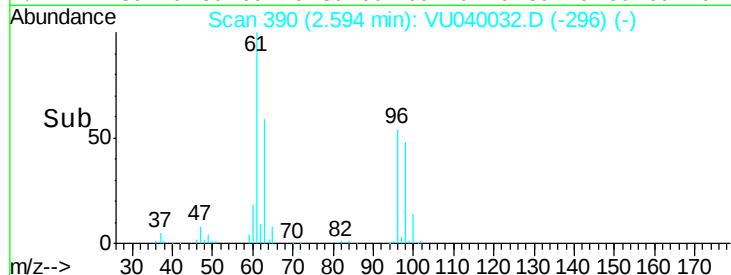
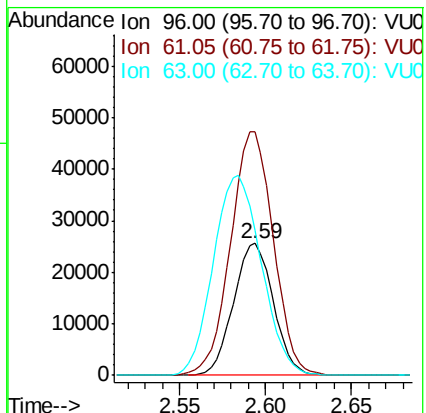
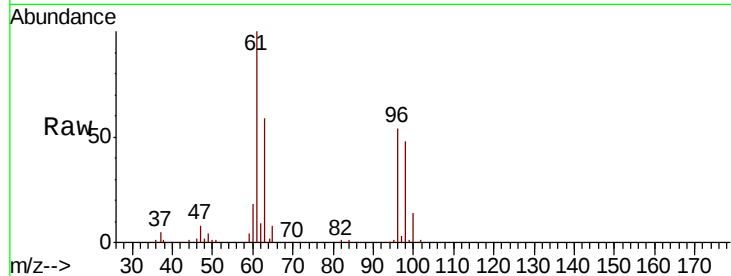
Tot Ion: 96 Resp: 41164

Ion Ratio Lower Upper

96 100

61 184.7 138.3 256.8

63 109.8 77.6 144.2



#13

Acetone

Concen: 1.367 ug/L

RT: 2.64 min Scan# 404

Delta R.T. -0.01 min

Lab File: VU040032.D

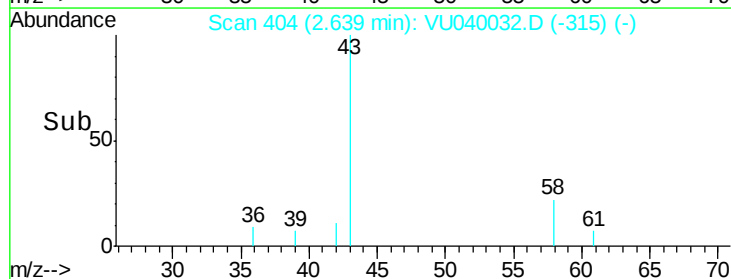
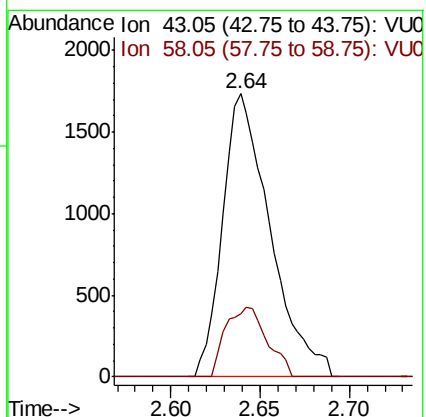
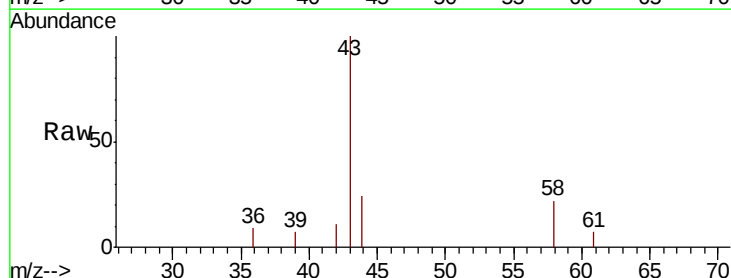
Acq: 03 Sep 2020 14:45

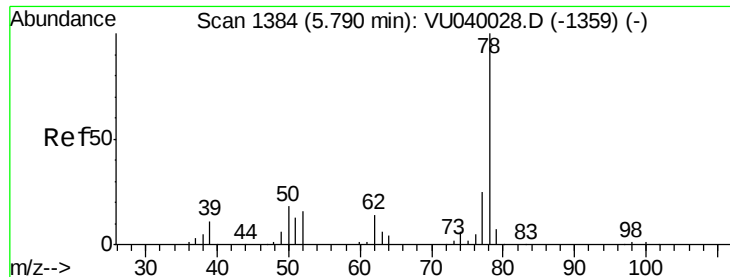
Tgt Ion: 43 Resp: 3230

Ion Ratio Lower Upper

43 100

58 21.4 0.0 55.4





#33

Benzene

Concen: 4.598 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

Lab File: VU040032.D

Acq: 03 Sep 2020 14:45

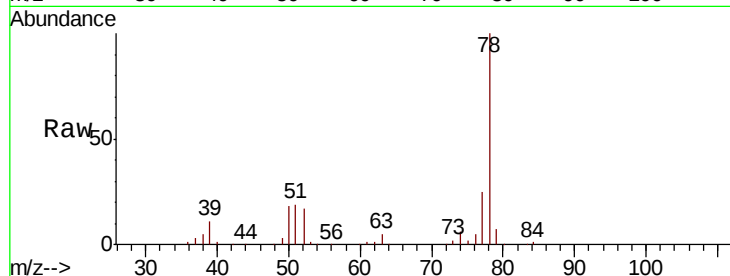
Instrument :

MSVOA_U

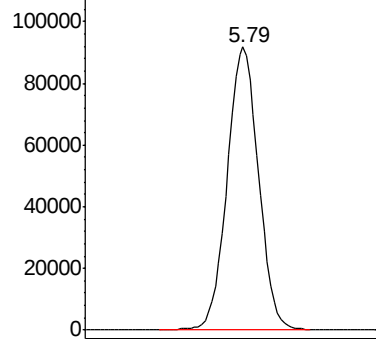
ClientSampleId :

EW289MS

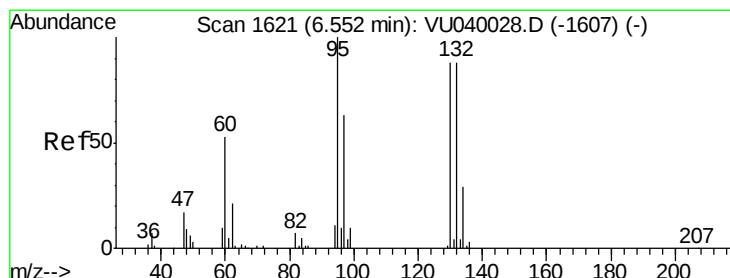
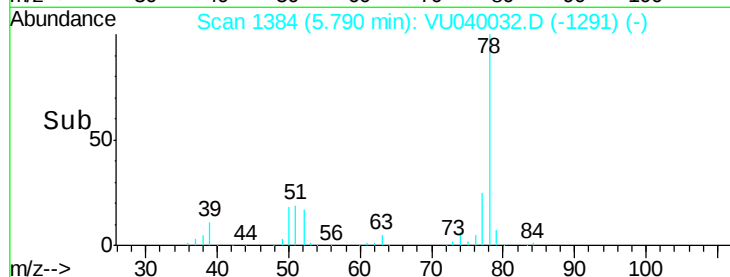
Tgt Ion: 78 Resp: 185204



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#34

Trichloroethene

Concen: 4.347 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040032.D

Acq: 03 Sep 2020 14:45

Tgt Ion: 95 Resp: 46963

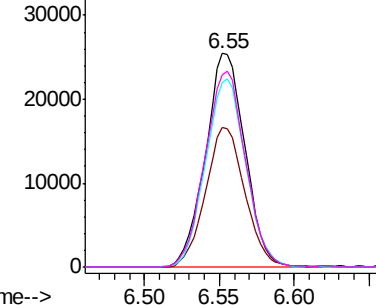
Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.3	80.5
132	86.1	59.4	110.4
130	89.7	64.8	120.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

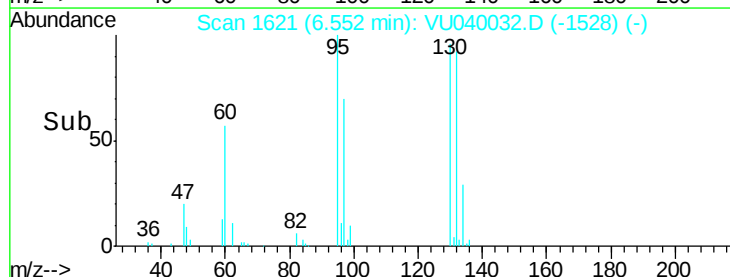
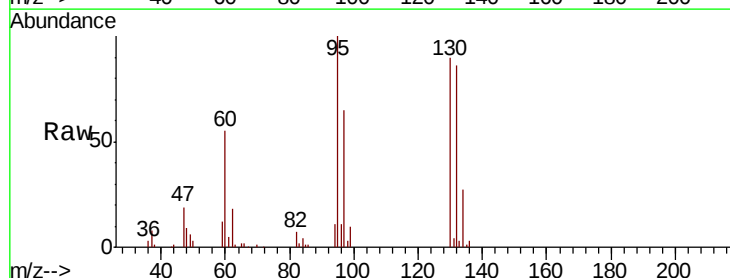
Ion 96.95 (96.65 to 97.65): VU0

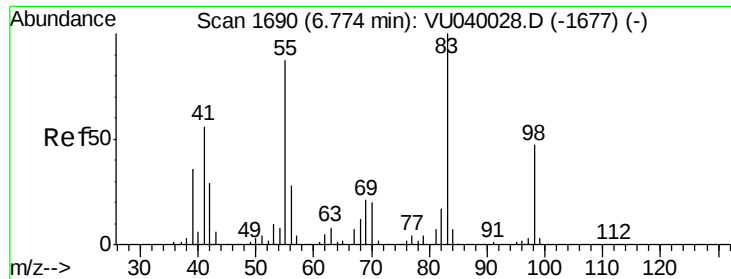
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->

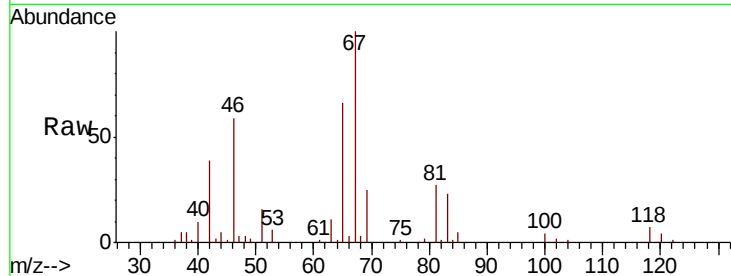




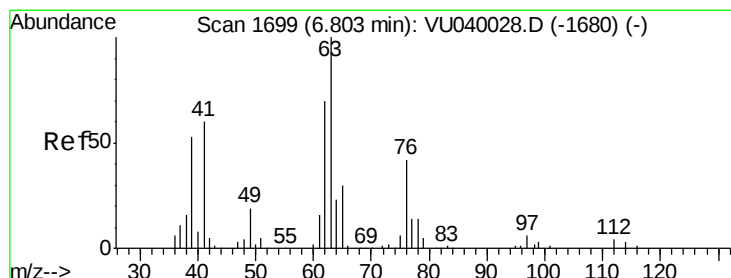
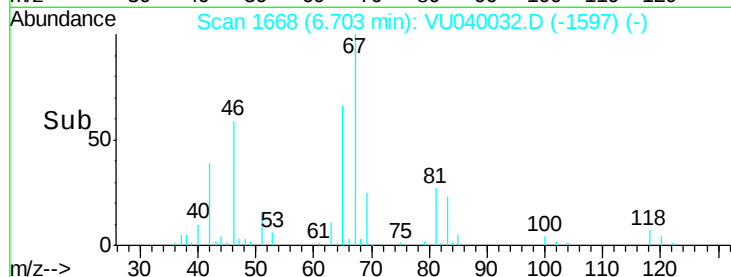
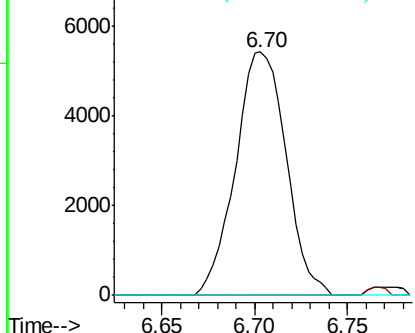
#35
Methvlcvclohexane
Concen: 0.620 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040032.D
Acq: 03 Sep 2020 14:45

Instrument :
MSVOA_U
ClientSampleId :
EW289MS

Tot Ion: 83 Resp: 10264
Ion Ratio Lower Upper
83 100
55 1.2 70.5 105.7#
98 0.0 37.8 56.6#

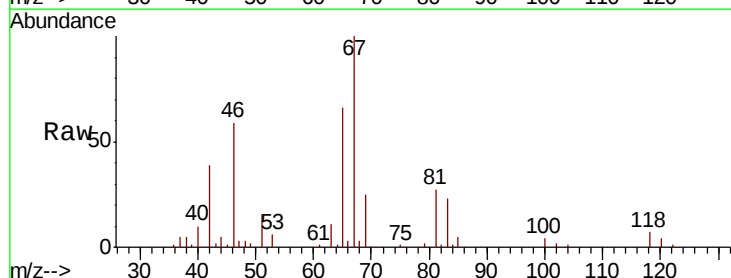


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

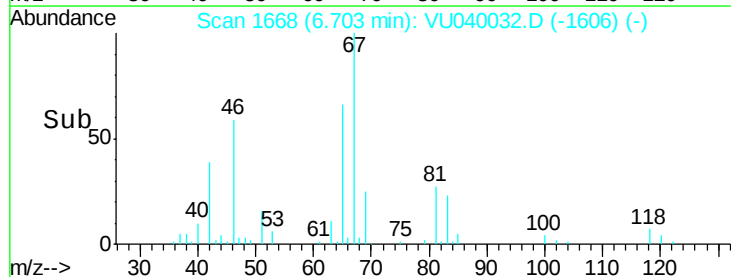
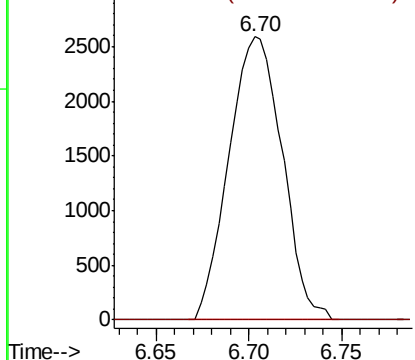


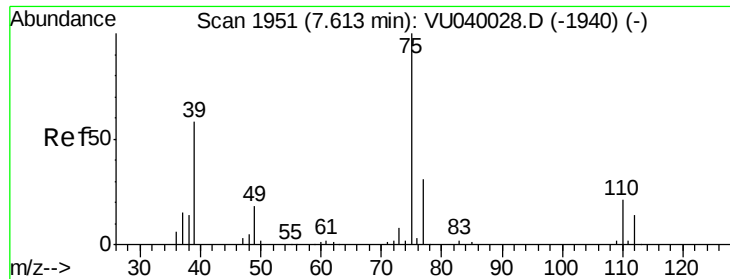
#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040032.D
Acq: 03 Sep 2020 14:45

Tgt Ion: 63 Resp: 5180
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

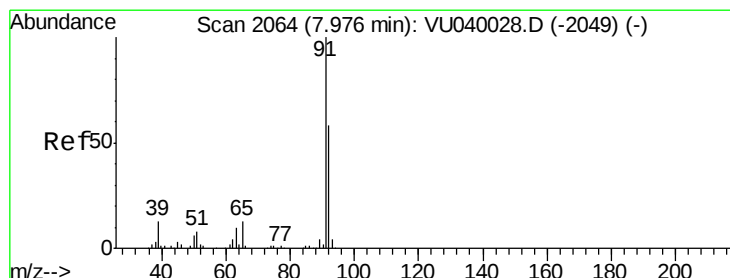
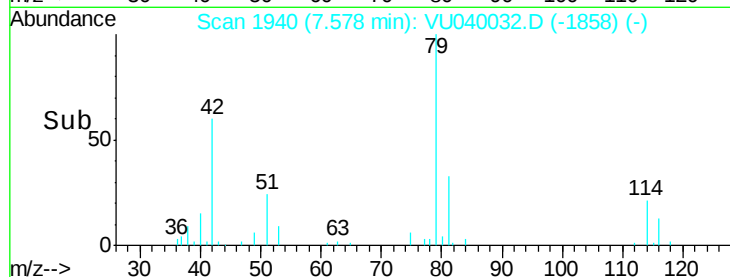
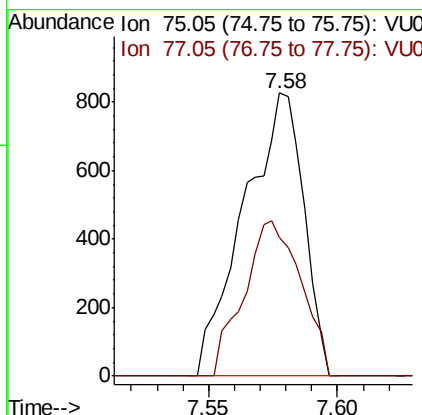
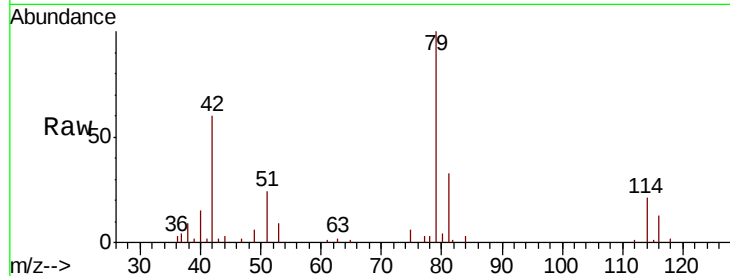




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040032.D
 Acq: 03 Sep 2020 14:45

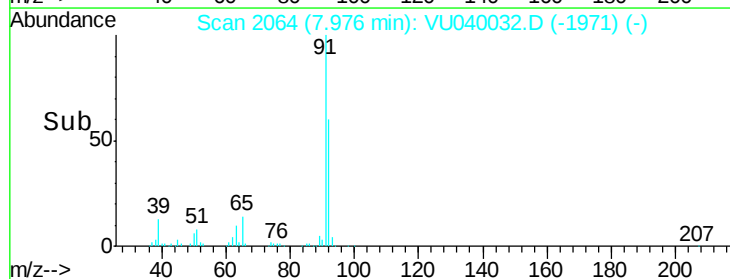
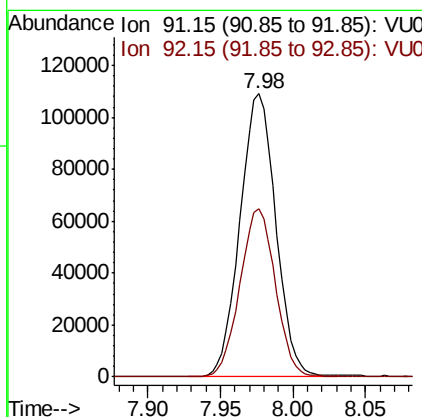
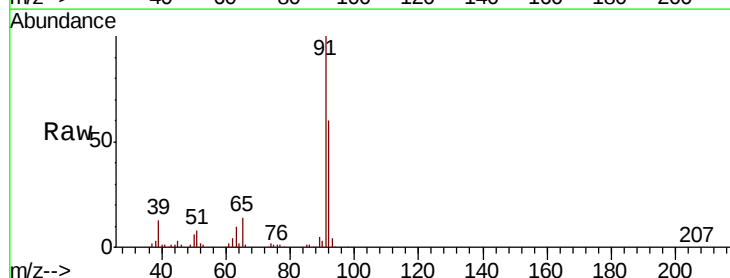
Instrument :
 MSVOA_U
 ClientSampleId :
 EW289MS

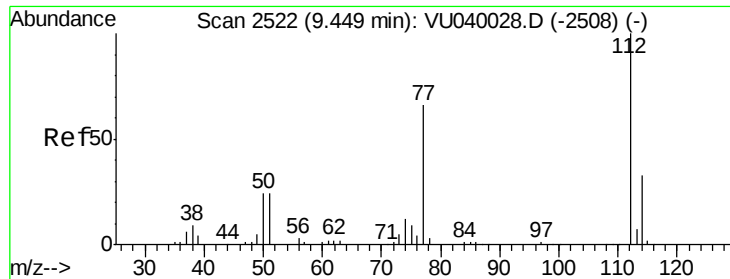
Tot Ion: 75 Resp: 1337
 Ion Ratio Lower Upper
 75 100
 77 49.0 21.1 39.3#



#42
 Toluene
 Concen: 4.530 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VU040032.D
 Acq: 03 Sep 2020 14:45

Tgt Ion: 91 Resp: 187896
 Ion Ratio Lower Upper
 91 100
 92 59.5 40.7 75.5





#51

Chlorobenzene

Concen: 4.612 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040032.D

Acq: 03 Sep 2020 14:45

Instrument :

MSVOA_U

ClientSampleId :

EW289MS

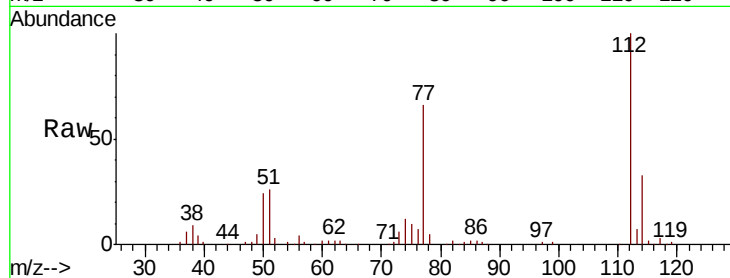
Tot Ion:112 Resp: 118775

Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.3

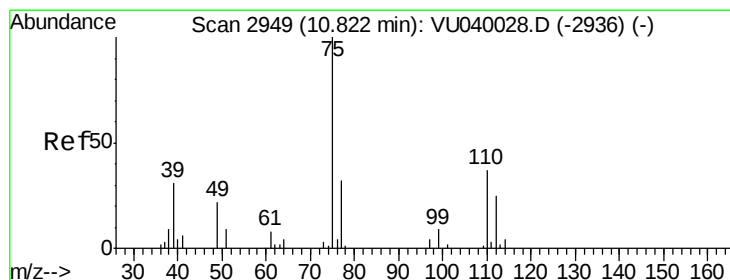
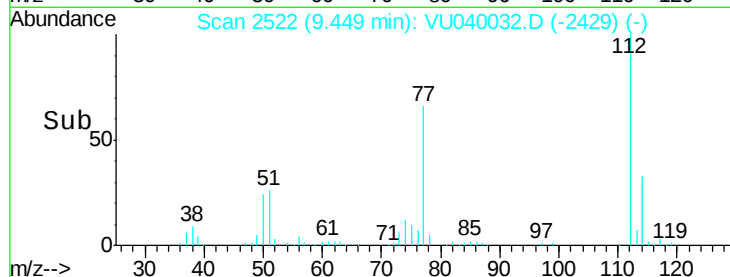
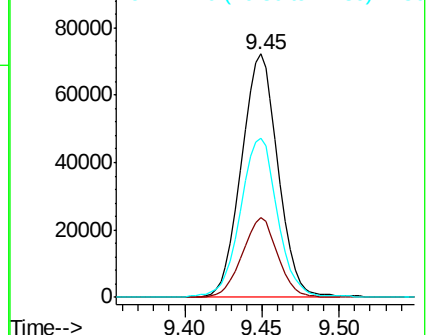
77 65.6 53.2 79.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



#59

1,2,3-Trichloropropane

Concen: 0.954 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040032.D

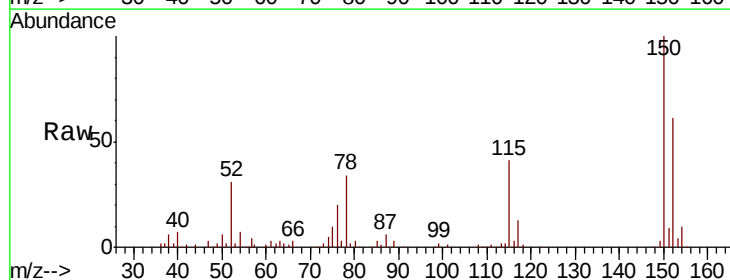
Acq: 03 Sep 2020 14:45

Tgt Ion: 75 Resp: 7711

Ion Ratio Lower Upper

75 100

77 40.8 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

